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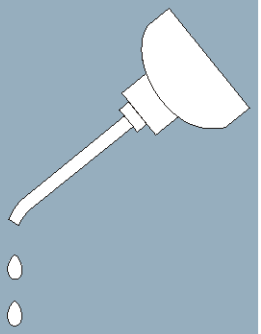
Service & Mechanical Parts

Load Conveyors



Read the separate safety manual before installing, operating, or servicing

PELLERIN MILNOR CORPORATION POST OFFICE BOX 400, KENNER, LOUISIANA 70063-0400, U.S.A.

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MAPLDCVRAE/23443A

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PELLERIN MILNOR CORPORATION
LIMITED STANDARD WARRANTY

We warrant to the original purchaser that MILNOR machines including electronic hardware/software (hereafter referred to as "equipment"), will be free from defects in material and workmanship for a period of one year from the date of shipment (unless the time period is specifically extended for certain parts pursuant to a specific MILNOR published extended warranty) from our factory with no operating hour limitation. This warranty is contingent upon the equipment being installed, operated and serviced as specified in the operating manual supplied with the equipment, and operated under normal conditions by competent operators.

Providing we receive written notification of a warranted defect within 30 days of its discovery, we will—at our option—repair or replace the defective part or parts, EX Factory (labor and freight specifically NOT included). We retain the right to require inspection of the parts claimed defective in our factory prior to repairing or replacing same. We will not be responsible, or in any way liable, for unauthorized repairs or service to our equipment, and this warranty shall be void if the equipment is tampered with, modified, or abused, used for purposes not intended in the design and construction of the machine, or is repaired or altered in any way without MILNOR's written consent.

Parts damaged by exposure to weather, to aggressive water, or to chemical attack are not covered by this warranty. For parts which require routine replacement due to normal wear—such as gaskets, contact points, brake and clutch linings, belts, hoses, and similar parts—the warranty time period is 90 days.

We reserve the right to make changes in the design and/or construction of our equipment (including purchased components) without obligation to change any equipment previously supplied.

ANY SALE OR FURNISHING OF ANY EQUIPMENT BY MILNOR IS MADE ONLY UPON THE EXPRESS UNDERSTANDING THAT MILNOR MAKES NO EXPRESSED OR IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR USE OR PURPOSE OR ANY OTHER WARRANTY IMPLIED BY LAW INCLUDING BUT NOT LIMITED TO REDHIBITION. MILNOR WILL NOT BE RESPONSIBLE FOR ANY COSTS OR DAMAGES ACTUALLY INCURRED OR REQUIRED AS A RESULT OF: THE FAILURE OF ANY OTHER PERSON OR ENTITY TO PERFORM ITS RESPONSIBILITIES, FIRE OR OTHER HAZARD, ACCIDENT, IMPROPER STORAGE, MIS-USE, NEGLECT, POWER OR ENVIRONMENTAL CONTROL MALFUNCTIONS, DAMAGE FROM LIQUIDS, OR ANY OTHER CAUSE BEYOND THE NORMAL RANGE OF USE. REGARDLESS OF HOW CAUSED, IN NO EVENT SHALL MILNOR BE LIABLE FOR SPECIAL, INDIRECT, PUNITIVE, LIQUIDATED, OR CONSEQUENTIAL COSTS OR DAMAGES, OR ANY COSTS OR DAMAGES WHATSOEVER WHICH EXCEED THE PRICE PAID TO MILNOR FOR THE EQUIPMENT IT SELLS OR FURNISHES.

THE PROVISIONS ON THIS PAGE REPRESENT THE ONLY WARRANTY FROM MILNOR AND NO OTHER WARRANTY OR CONDITIONS, STATUTORY OR OTHERWISE, SHALL BE IMPLIED.

WE NEITHER ASSUME, NOR AUTHORIZE ANY EMPLOYEE OR OTHER PERSON TO ASSUME FOR US, ANY OTHER RESPONSIBILITY AND/OR LIABILITY IN CONNECTION WITH THE SALE OR FURNISHING OF OUR EQUIPMENT TO ANY BUYER.

BMP720097/19036

BIUUUD19 (Published) Book specs- Dates: 20081231 / 20081231 / 20081231 Lang: ENG01 Applic: UUU

How to Get the Necessary Repair Components

This document uses Simplified Technical English.
Learn more at http://www.asd-ste100.org.

You can get components to repair your machine from the approved supplier where you got this machine. Your supplier will usually have the necessary components in stock. You can also get components from the Milnor® factory.

Tell the supplier the machine model and serial number and this data for each necessary component:

- The component number from this manual
- The component name if known
- The necessary quantity
- The necessary transportation requirements
- If the component is an electrical component, give the schematic number if known.
- If the component is a motor or an electrical control, give the nameplate data from the used component.

To write to the Milnor factory:

Pellerin Milnor Corporation
Post Office Box 400
Kenner, LA 70063-0400
UNITED STATES

Telephone: 504-467-2787
Fax: 504-469-9777
Email: parts@milnor.com

— End of BIUUUD19 —

Trademarks

BNUUUU02.R01 0000158093 F.2 E.2 3/3/21, 9:47 AM Released

These words are trademarks of Pellerin Milnor® Corporation and other entities:

Table 1. Trademarks

AutoSpot™	GreenFlex™	MilMetrix®	PulseFlow®
CBW®	GearTrace™	MilTouch™	RAM Command™
Drynet™	GreenTurn™	MilTouch-EX™	Recirc*ONE*®
E-P Express®	Hydro-cushion™	MilRAIL®	RinSave®
E-P OneTouch®	Mentor®	Miltrac™	SmoothCoil™
E-P Plus®	Mildata®	MilVision™	Staph Guard®
Gear Guardian®	Milnor®	PBW™	

End of document: BNUUUU02

BIUUUS27 (Published) Book specs- Dates: 20051111 / 20051111 / 20060323 Lang: ENG01 Applic: VLU

Safety—CBW™ Loading Conveyor

1. General Safety Requirements—Vital Information for Management Personnel [Document BIUUUS04]

Incorrect installation, neglected preventive maintenance, abuse, and/or improper repairs, or changes to the machine can cause unsafe operation and personal injuries, such as multiple fractures, amputations, or death. The owner or his selected representative (owner/user) is responsible for understanding and ensuring the proper operation and maintenance of the machine. The owner/user must familiarize himself with the contents of all machine instruction manuals. The owner/user should direct any questions about these instructions to a Milnor® dealer or the Milnor® Service department.

Most regulatory authorities (including OSHA in the USA and CE in Europe) hold the owner/user ultimately responsible for maintaining a safe working environment. Therefore, the owner/user must do or ensure the following:

- recognize all foreseeable safety hazards within his facility and take actions to protect his personnel, equipment, and facility;
- work equipment is suitable, properly adapted, can be used without risks to health or safety, and is adequately maintained;
- where specific hazards are likely to be involved, access to the equipment is restricted to those employees given the task of using it;
- only specifically designated workers carry out repairs, modifications, maintenance, or servicing;
- information, instruction, and training is provided;
- workers and/or their representatives are consulted.

Work equipment must comply with the requirements listed below. The owner/user must verify that installation and maintenance of equipment is performed in such a way as to support these requirements:

- control devices must be visible, identifiable, and marked; be located outside dangerous zones; and not give rise to a hazard due to unintentional operation;
- control systems must be safe and breakdown/damage must not result in danger;
- work equipment is to be stabilized;
- protection against rupture or disintegration of work equipment;
- guarding, to prevent access to danger zones or to stop movements of dangerous parts before the danger zones are reached. Guards to be robust; not give rise to any additional hazards; not be easily removed or rendered inoperative; situated at a sufficient distance from the danger zone; not restrict view of operating cycle; allow fitting, replacing, or maintenance by restricting access to relevant area and without removal of guard/protection device;
- suitable lighting for working and maintenance areas;
- maintenance to be possible when work equipment is shut down. If not possible, then protection measures to be carried out outside danger zones;
- work equipment must be appropriate for preventing the risk of fire or overheating; discharges of gas, dust, liquid, vapor, other substances; explosion of the equipment or substances in it.

1.1. **Laundry Facility**—Provide a supporting floor that is strong and rigid enough to support–with a reasonable safety factor and without undue or objectionable deflection–the weight of the fully loaded machine and the forces transmitted by it during operation. Provide sufficient clearance for machine movement. Provide any safety guards, fences, restraints, devices, and verbal and/or posted restrictions necessary to prevent personnel, machines, or other moving machinery from accessing the machine or its path. Provide adequate ventilation to carry away heat and vapors. Ensure service connections to installed machines meet local and national safety standards, especially regarding the electrical disconnect (see the National Electric Code). Prominently post safety information, including signs showing the source of electrical disconnect.

1.2. **Personnel**—Inform personnel about hazard avoidance and the importance of care and common sense. Provide personnel with the safety and operating instructions that apply to them. Verify that personnel use proper safety and operating procedures. Verify that personnel understand and abide by the warnings on the machine and precautions in the instruction manuals.

1.3. **Safety Devices**—Ensure that no one eliminates or disables any safety device on the machine or in the facility. Do not allow machine to be used with any missing guard, cover, panel or door. Service any failing or malfunctioning device before operating the machine.

1.4. **Hazard Information**—Important information on hazards is provided on the machine safety placards, in the Safety Guide, and throughout the other machine manuals. **Placards must be kept clean so that the information is not obscured. They must be replaced immediately if lost or damaged. The Safety Guide and other machine manuals must be available at all times to the appropriate personnel.** See the machine service manual for safety placard part numbers. Contact the Milnor Parts department for replacement placards or manuals.

1.5. **Maintenance**—Ensure the machine is inspected and serviced in accordance with the norms of good practice and with the preventive maintenance schedule. Replace belts, pulleys, brake shoes/disks, clutch plates/tires, rollers, seals, alignment guides, etc. before they are severely worn. Immediately investigate any evidence of impending failure and make needed repairs (e.g., cylinder, shell, or frame cracks; drive components such as motors, gear boxes, bearings, etc., whining, grinding, smoking, or becoming abnormally hot; bending or cracking of cylinder, shell, frame, etc.; leaking seals, hoses, valves, etc.) Do not permit service or maintenance by unqualified personnel.

2. Safety Alert Messages—Internal Electrical and Mechanical Hazards [Document BIUUUS11]

The following are instructions about hazards inside the machine and in electrical enclosures.

WARNING 1: Electrocution and Electrical Burn Hazards—Contact with electric power can kill or seriously injure you. Electric power is present inside the cabinetry unless the main machine power disconnect is off.

- Do not unlock or open electric box doors.
- Do not remove guards, covers, or panels.
- Do not reach into the machine housing or frame.
- Keep yourself and others off of machine.
- Know the location of the main machine disconnect and use it in an emergency to remove all electric power from the machine.

WARNING 2: Entangle and Crush Hazards—Contact with moving components normally isolated by guards, covers, and panels, can entangle and crush your limbs. These components move automatically.

- Do not remove guards, covers, or panels.
- Do not reach into the machine housing or frame.
- Keep yourself and others off of machine.
- Know the location of all emergency stop switches, pull cords, and/or kick plates and use them in an emergency to stop machine motion.

3. Safety Alert Messages—External Mechanical Hazards [Document BIUUUS12]

The following are instructions about hazards around the front, sides, rear or top of the machine.

WARNING 3: Fall, Entangle, and Strike Hazards—Machine motion can cause you to fall or become entangled in or struck by nearby objects if you stand, walk, or ride on the machine. Shuttles and conveyor belts move automatically.

- Keep yourself and others off of machine except to calibrate the load conveyor scale. When calibrating, place the tunnel in hold and wait at least 15 seconds, then lock out and tag out conveyor power before allowing anyone to stand on the scale. This ensures that the tunnel will not transfer and the loading conveyor will not advance.

4. Safety Alert Messages—Unsafe Conditions [Document BIUUUS14]

4.1. Damage and Malfunction Hazards

4.1.1. Hazards Resulting from Inoperative Safety Devices

WARNING 4: Multiple Hazards—Operating the machine with an inoperative safety device can kill or injure personnel, damage or destroy the machine, damage property, and/or void the warranty.

- Do not tamper with or disable any safety device or operate the machine with a malfunctioning safety device. Request authorized service.

WARNING 5: Electrocution and Electrical Burn Hazards—Electric box doors—Operating the machine with any electric box door unlocked can expose high voltage conductors inside the box.

- Do not unlock or open electric box doors.

WARNING 6: Entangle and Crush Hazards—Guards, covers, and panels—Operating the machine with any guard, cover, or panel removed exposes moving components.

- Do not remove guards, covers, or panels.

4.1.2. Hazards Resulting from Damaged Mechanical Devices

WARNING 7: Multiple Hazards—Operating a damaged machine can kill or injure personnel, further damage or destroy the machine, damage property, and/or void the warranty.

- Do not operate a damaged or malfunctioning machine. Request authorized service.

4.2. Careless Use Hazards

4.2.1. Careless Operation Hazards—Vital Information for Operator Personnel (see also operator hazards throughout manual)

WARNING 8: Multiple Hazards—Careless operator actions can kill or injure personnel, damage or destroy the machine, damage property, and/or void the warranty.

- Do not tamper with or disable any safety device or operate the machine with a malfunctioning safety device. Request authorized service.
- Do not operate a damaged or malfunctioning machine. Request authorized service.
- Do not attempt unauthorized servicing, repairs, or modification.
- Do not use the machine in any manner contrary to the factory instructions.
- Use the machine only for its customary and intended purpose.
- Understand the consequences of operating manually.

4.2.2. Careless Servicing Hazards—Vital Information for Service Personnel (see also service hazards throughout manuals)

WARNING 9: Electrocution and Electrical Burn Hazards—Contact with electric power can kill or seriously injure you. Electric power is present inside the cabinetry unless the main machine power disconnect is off.

- Do not service the machine unless qualified and authorized. You must clearly understand the hazards and how to avoid them.
- Abide by the current OSHA lockout/tagout standard when lockout/tagout is called for in the service instructions. Outside the USA, abide by the OSHA standard in the absence of any other overriding standard.

WARNING 10: Entangle and Crush Hazards—Contact with moving components normally isolated by guards, covers, and panels, can entangle and crush your limbs. These components move automatically.

- Do not service the machine unless qualified and authorized. You must clearly understand the hazards and how to avoid them.
- Abide by the current OSHA lockout/tagout standard when lockout/tagout is called for in the service instructions. Outside the USA, abide by the OSHA standard in the absence of any other overriding standard.

— End of BIUUUS27 —

Safety Placard Use and Placement

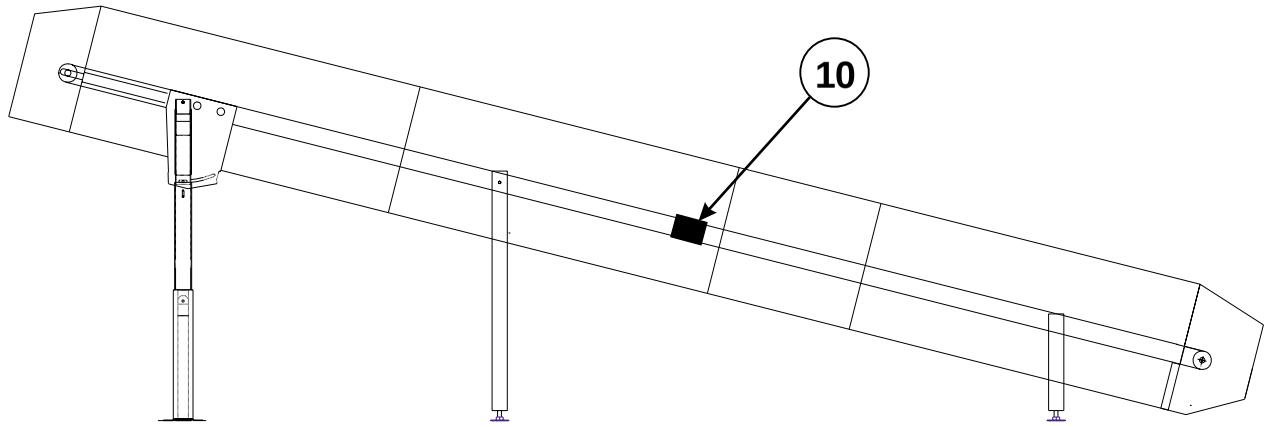
CONLO & CONWA

Pellerin Milnor Corporation
P. O. Box 400, Kenner, LA 70063-0400

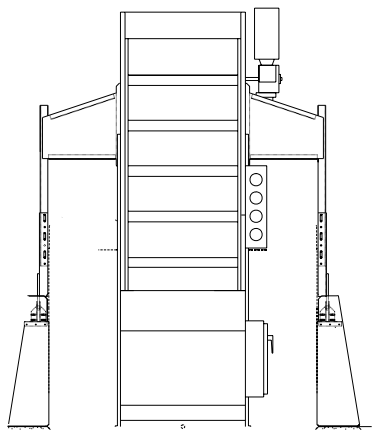
Litho in U.S.A.

Notes:

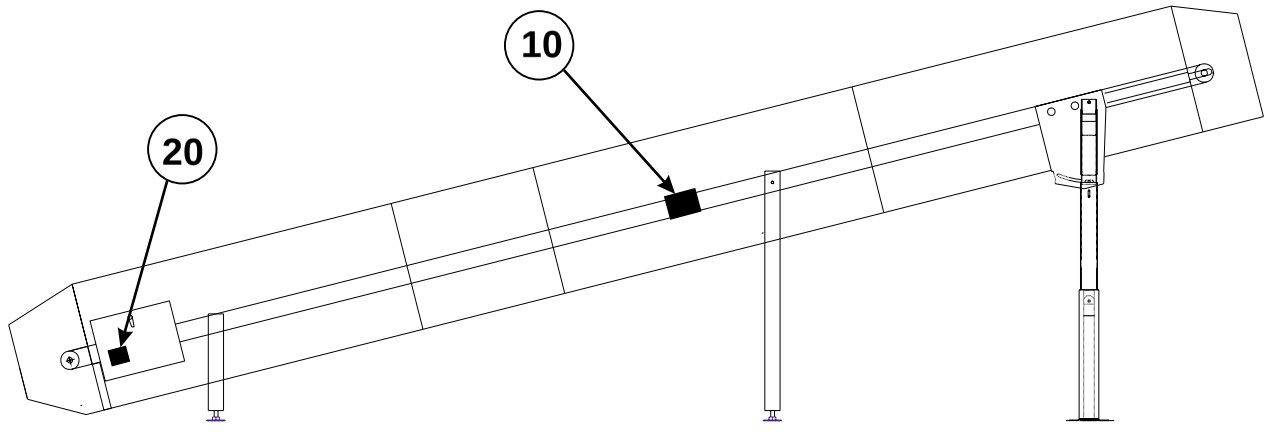
1. **Replace placard immediately, if removed or unreadable.**
2. **Approximate locations of placards are shown. Mounting holes are provided on machine. If aluminum placard use #8 self-tapping screws.**



LEFT SIDE VIEW



FRONT VIEW



RIGHT SIDE VIEW

Pellerin Milnor Corporation
P. O. Box 400, Kenner, LA 70063-0400

Litho in U.S.A.

Parts List—Safety Placard Placement

Find the correct assembly first, then find the needed components. The item letters (A, B, C, etc.) assigned to assemblies are referred to in the "Used In" column to identify which components belong to an assembly. The item numbers (1, 2, 3, etc.) assigned to components relate the parts list to the illustration.

Used In	Item	Part Number	Description	Comments
----------	----------	----------	----------ASSEMBLIES----------	----------
			none	
----------	----------	----------	----------COMPONENTS----------	----------
all	10	01 10634A	NPLT:CONVEYOR HAZARDS-TCATA	
all	20	01 10377A	NPLT:ELEC HAZARD LG-TCATA	

Safety Placard Use and Placement ISO
CONLO & CONWA

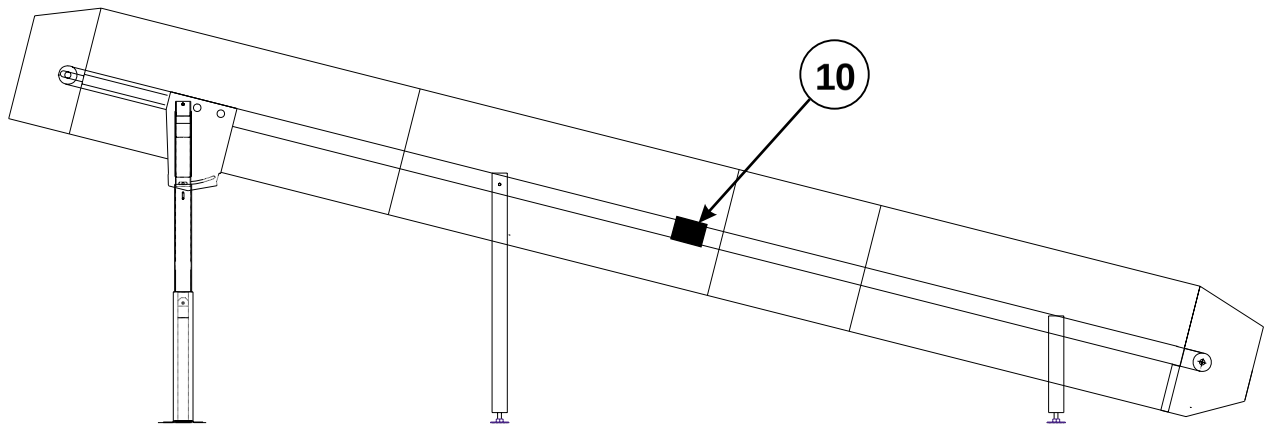
Pellerin Milnor Corporation
P. O. Box 400, Kenner, LA 70063-0400

Litho in U.S.A.

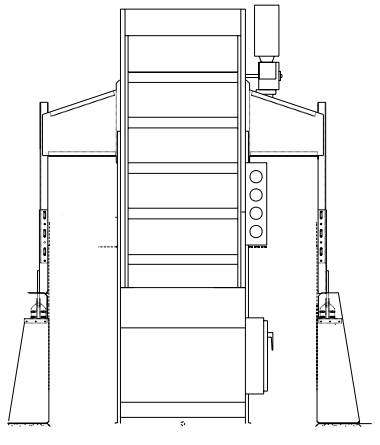
10

ISO Placards shown on this page

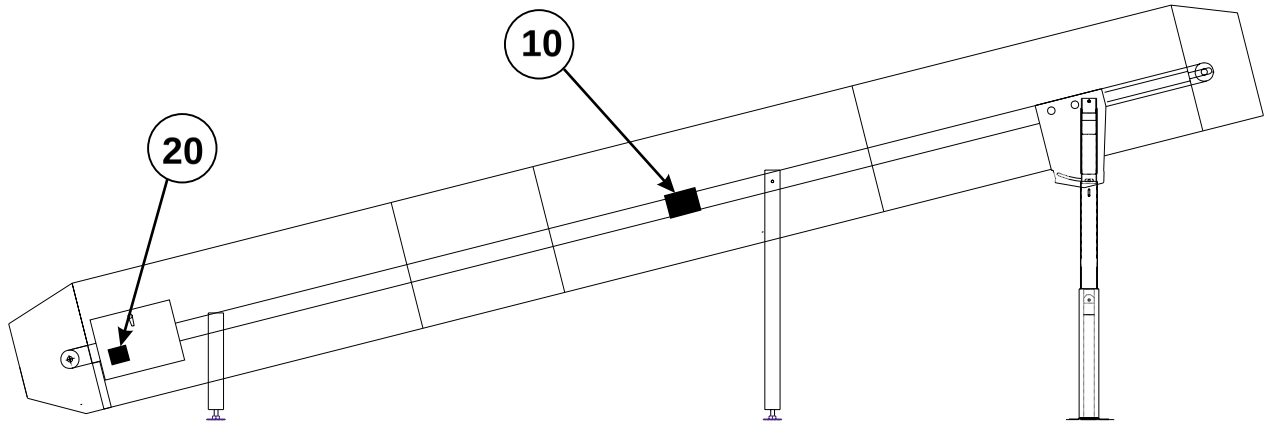
Notes:
1. **Replace placard immediately, if removed or unreadable.**
2. **Approximate locations of placards are shown. Mounting holes are provided on machine. If aluminum placard use #8 self-tapping screws.**



LEFT SIDE VIEW



FRONT VIEW



RIGHT SIDE VIEW

Pellerin Milnor Corporation
P. O. Box 400, Kenner, LA 70063-0400
Litho in U.S.A.

Parts List—Safety Placard Placement

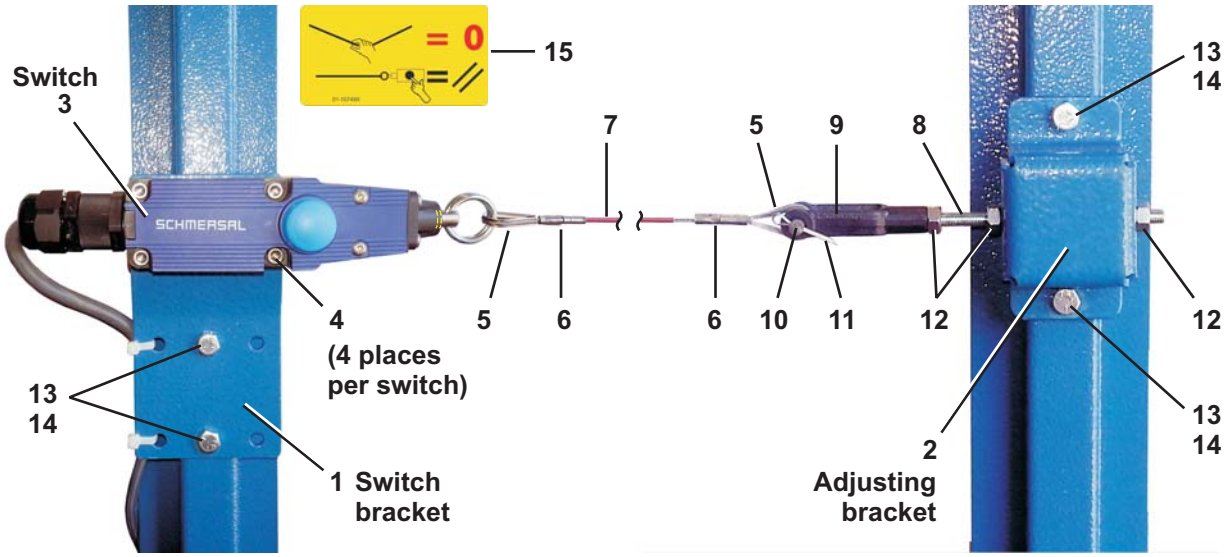
Find the correct assembly first, then find the needed components. The item letters (A, B, C, etc.) assigned to assemblies are referred to in the "Used In" column to identify which components belong to an assembly. The item numbers (1, 2, 3, etc.) assigned to components relate the parts list to the illustration.

Used In	Item	Part Number	Description	Comments
----------	----------	----------	----------ASSEMBLIES----------	----------
			none	
----------	----------	----------	----------COMPONENTS----------	----------
all	10	01 10634X	NPLT:WARN CONVEYORS->ISO	
all	20	01 10377	NPLTE:"WARNING" 4X4	

Pull-wire Stop Switch

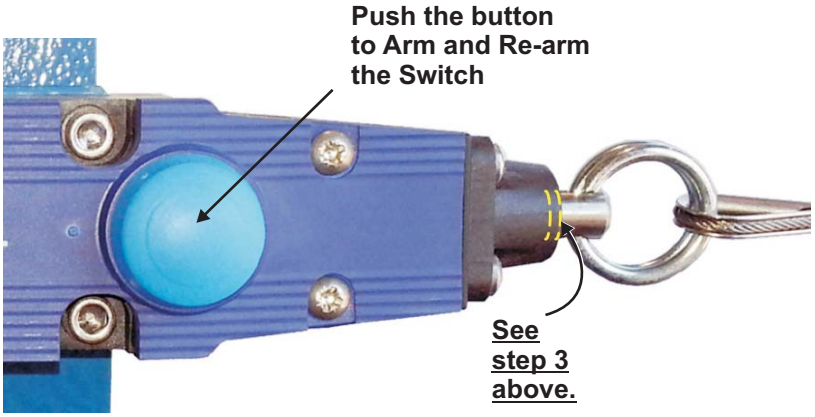
All Conveyors

Figure 1: Pull-wire Stop Switch Installation



Installation and operation:

1. Install the switch bracket, switch, and adjusting bracket to the conveyor side supports as shown. (Install pull-wire stop switch to both sides of all conveyors.)
For long spans, intermediate wire supports are required every 2 m to 5 m (6 ft to 16 ft). Sufficient space must be provided so that maximum perpendicular force on the wire to activate the switch is 200 N (45 pounds) and the maximum deflection of the wire is 400 mm (15”).
2. Assemble and install the cable (pull cord), thimbles, and sleeves so that the cable is tight but does not begin to move the switch shaft.
3. Adjust the position of the threaded rod (item 8) so that the cable pulls the switch shaft out until the first of two notches on the shaft is visible but the second notch is not.
4. Tighten the nuts on the threaded rod (item12) to hold it at this position.



5. Press the button on the switch to ARM. The button should remain depressed. If it does not, the switch shaft is not in the correct position.
6. Press the button to RE-ARM the switch after the wire has been tripped.

Pull-wire Stop Switch

All Conveyors

Parts List—Pull-wire Stop Switch

Find the correct assembly first, then find the needed components. The item letters (A, B, C, etc.) assigned to assemblies are referred to in the "Used In" column to identify which components belong to an assembly. The item numbers (1, 2, 3, etc.) assigned to components relate the parts list to the illustration.

Used In	Item	Part Number	Description	Comments
			----------ASSEMBLIES----------	
	A	ALC40005E	PULL-WIRE STOP SWITCH ASSY	
			----------COMPONENTS----------	
	1	04 20066	WIREPULL SWITCH BRACKET	CONVEYORS PLUS CONWA/CONLO
	1	04 24128	SAFETY SW MTG PLATE-4232M	EXTRACTOR CONVEYORS
all	2	04 20067	WIREPULL ADJUSTING BRKT	
all	3	09RS0002	PULL-WIRE SW SCHMERSAL#ZQ 700-11	
all	4	15K022B	SOKCPSCR 10-24UNC X 1+1/2"LG SS18	
all	5	27A951	1/16" SS WIRE ROPE THIMBLE	
all	6	27A952	1/16" OVAL SLEEVE S/S	
all	7	27A953	CABLE-AIRCRAFT 1/16SS7X7REDCV	
all	8	17R015	THRD ROD 1/4-28UNFX4.5" ZNC PL	
all	9	17A004	ADJ YOKE END 1/4-28 XYLAN COAT	
all	10	17A004A	CLEVIS PIN 1/4"X3/4"DRILLED SS	
all	11	15H031	STDCOTTERPIN 3/32X3/4 SS18-8	
all	12	15G177	HXNUT 1/4-28UNF2B SAE ZINC GR2	
all	13	15K038B	1/4-20X 1/2 HEXFLANGE SCREW	
all	14	15G178	1/4"-20 HEXFLANGE NUT ZINC	
all	15	01 10749X	NPLT:PULL TO STOP+RESET>ISO	

Service and Maintenance

1

SHUTTLE AND CONVEYOR PERIODIC MAINTENANCE

As required by warranty and to achieve optimum performance and service life from your MILNOR® shuttle system, your machine must be lubricated in strict accordance with the "Preventive Maintenance Checklist" in this section.

Precautions

⚠ CAUTION ⚠

Lock OFF and tag out power before lubricating any component

1. **Do not use a pneumatic grease gun.** Pump grease **slowly**, taking 10-12 seconds to complete each stroke. A grease gun can build up extremely high pressure which will force seals out of position and cause them to leak, even if provided with spring loaded relief plugs.
2. **Apply quantity of grease called for in the checklist.** Over-lubrication can be as damaging as under-lubrication-tion. Where quantities are stated in strokes, one stroke of the grease gun is assumed to provide .0624 fluid oz. (1.77 grams) (by volume) of grease. Therefore, one fluid ounce (28.3 grams) of grease would be provided by 16 stokes of the grease gun. Determine the flow rate of your grease gun by pumping one ounce into a calibrated container. If fewer than 16 stokes are required, all quantities in strokes in the chart should be reduced accordingly, and if more than 16 strokes are required, the number of strokes should be increased. Before starting lubrication, **make sure your grease gun is working and that you get a full charge of grease with every stroke.**
3. **Do not pump grease in until it oozes out of the spring loaded relief plugs.** Plugs bleed out excess grease and help prevent abnormal pressures from building up during operation (especially when the machine is first commissioned and after each lubrication. Plugs will not protect against over-lubrication. Pump in the number of strokes specified in this section.

NOTE: Always clean the fittings and the surrounding area before adding lubricant. After lubricating, clean excess lubricant from machine, and replace any protective coverings on grease fittings.

⚠ CAUTION ⚠

Never mix petroleum grease and silicone grease.

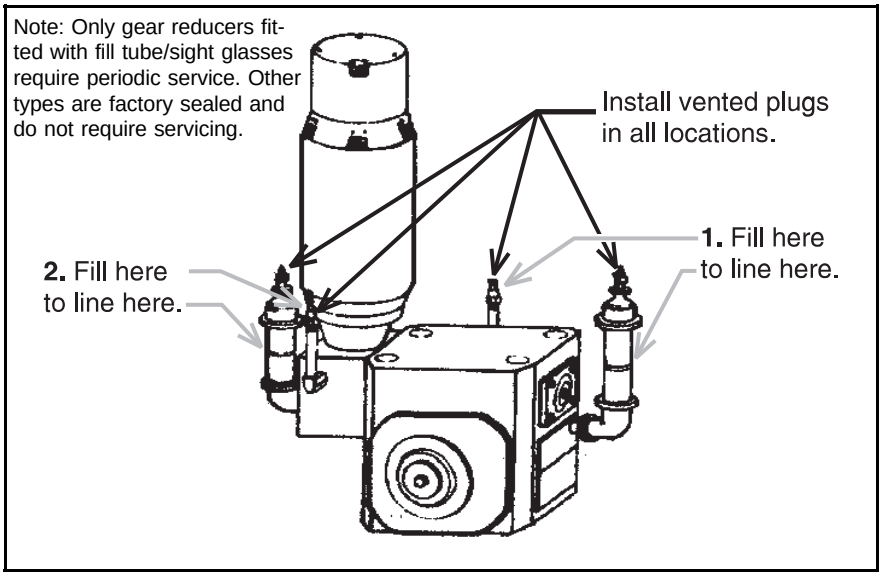


FIGURE 1 (MSSMD425AE)
Gear Reducer Fill Locations and Levels (if fitted)

BRAKE ORIENTATION AND WEAR ADJUSTMENT

(Stearns Series Brakes Used on Baldor Motors)

BRAKE ORIENTATION - If release/adjust knob is at bottom of motor end, brake is upside down and must be inverted before installing rear housing. Remove both socket-head bolts, turn brake assembly 180 degrees, then replace both socket-head bolts.

WEAR ADJUSTMENT - Through wear, air gap and stop time increase. Adjust air gap to 11/16". Alternate turning both wear adjustment screws clockwise, in increments of 1/8 turn, until proper air gap is attained. SEE TAG INSIDE HOUSING FOR MORE DETAILS.

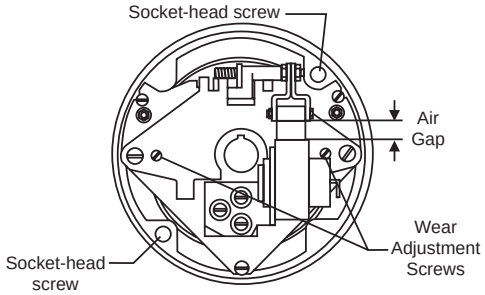
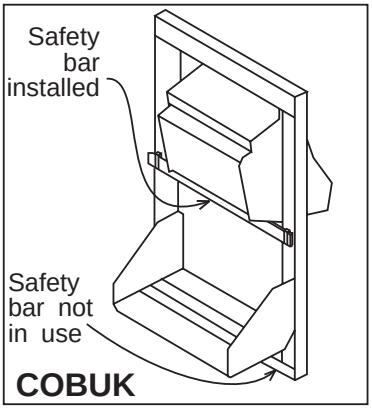


FIGURE 2 (MSSMD425AE)
Motor Brake Adjustment (Shuttles)

⚠WARNING⚠

CRUSHING HAZARD

Bucket can lower even with machine power off, and strike or crush you. NEVER place any part of your body under raised bucket unless SAFETY BAR is installed as shown. Replace SAFETY BAR in its holder when not in use.



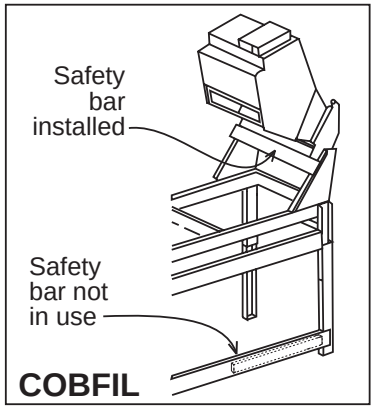


FIGURE 3 (MSSMD425AE)
Use and Stowage of Safety Bar (COBUK and COBFIL models)

Lubrication Checklist

COMPONENT	LUBRICANT	FREQUENCY	PROCEDURE	APPLICATION	RELATED INFORMATION
BEARINGS	Shell Alvania EP#2, Shell MP, or equivalent lithium base grease	Every 6 weeks	Slowly grease 0.12 ounces (3.54 grams) (2 strokes)	**A-Tractor Shaft (Shuttles only)**	Shaft passes through top beam and has two bearings, one between gear reducer and top beam and one on other side of top beam.
				B-Hoist Shaft (Shuttles only)	Shaft passes through top beam and has two bearings, one between gear reducer and top beam and one on other side of top beam.
				C-Tractor Support Roller Assembly (Shuttles only)	Two rollers at each end of top beam. Each roller has a grease fitting facing away from the top beam.
				E-Cross Member Idler Pulley (Shuttles only)	Grease fitting faces dryer.
				F-Conveyor Roller Shaft (all)	Two grease fittings per roller, one at each end of roller.
				G-Floor Drive Shaft (Shuttles only)	Shaft passes through floordrive support bracket and has a bearing on each side.
GEAR REDUCTION BOXES (if serviceable)	Mobil SHC 634 Synthetic lubricant (Never use 600-W)	Start up	Check oil level. Replace all solid shipping plugs with supplied vented plugs (FIGURE 1).	H-Tractor Drive I-Hoist Drive J-Conveyor Drive	
		1st 100 hours	Drain oil. Clean magnetic drain plug. Refill to level of side plug.		
		3 months	Check oil level. Add if necessary.		
		6 months	Drain oil. Clean magnetic drain plug. Refill to level of side plug.		
CHAIN (shuttles only)	Procol white food lube chain and drive spray lubricant or equivalent	1 month/ 200 hours	Spray thoroughly with lubricant.		
MOTORS (if equipped with grease fittings)	Shell Alvania EP#2, Shell MP, or equivalent lithium base grease	Varies	See “MSSM0274AE...MOTOR GREASE INSTRUCTIONS” in this manual.		
BELT		weekly	Check tracking. Adjust if necessary.		
RAIL COMPONENTS		weekly	Check for wear		

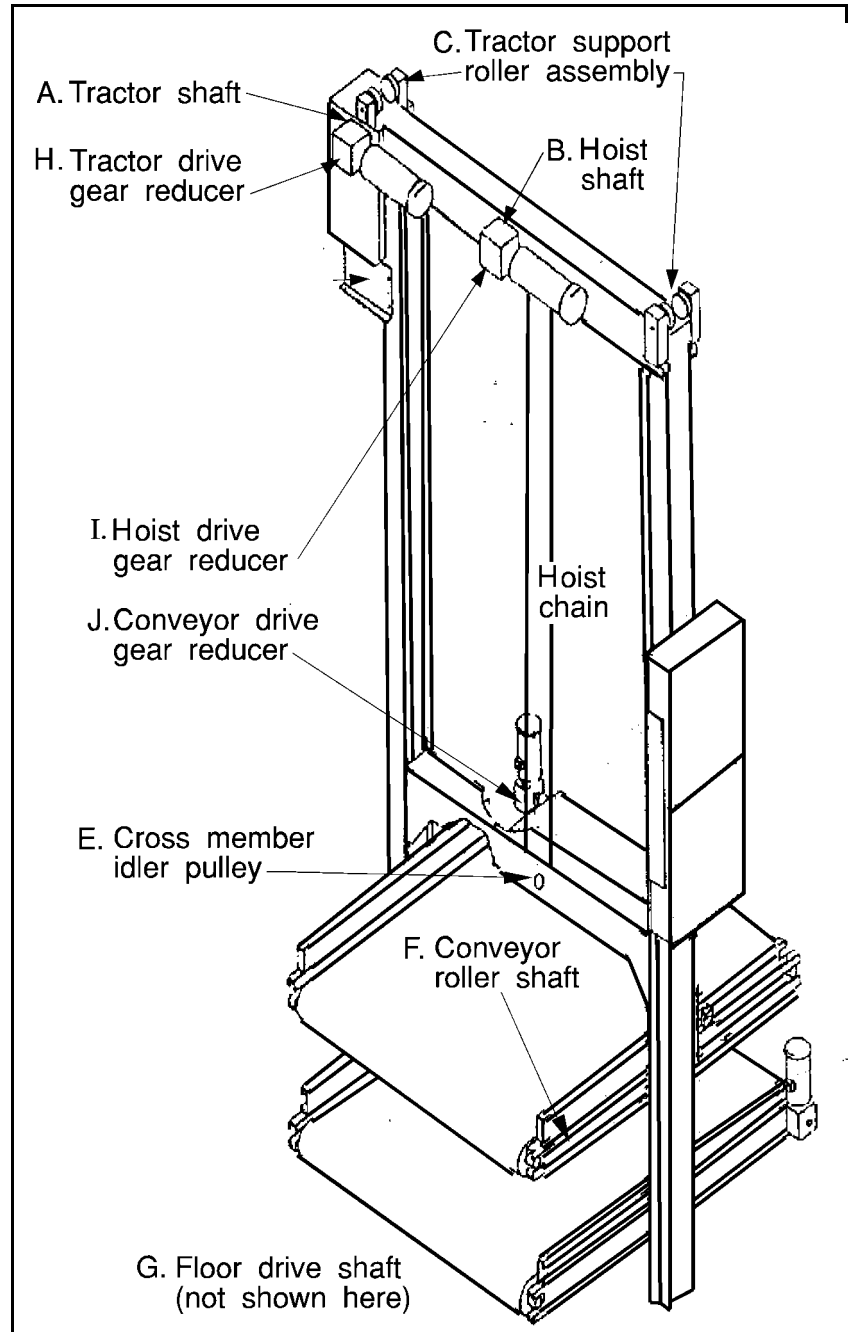


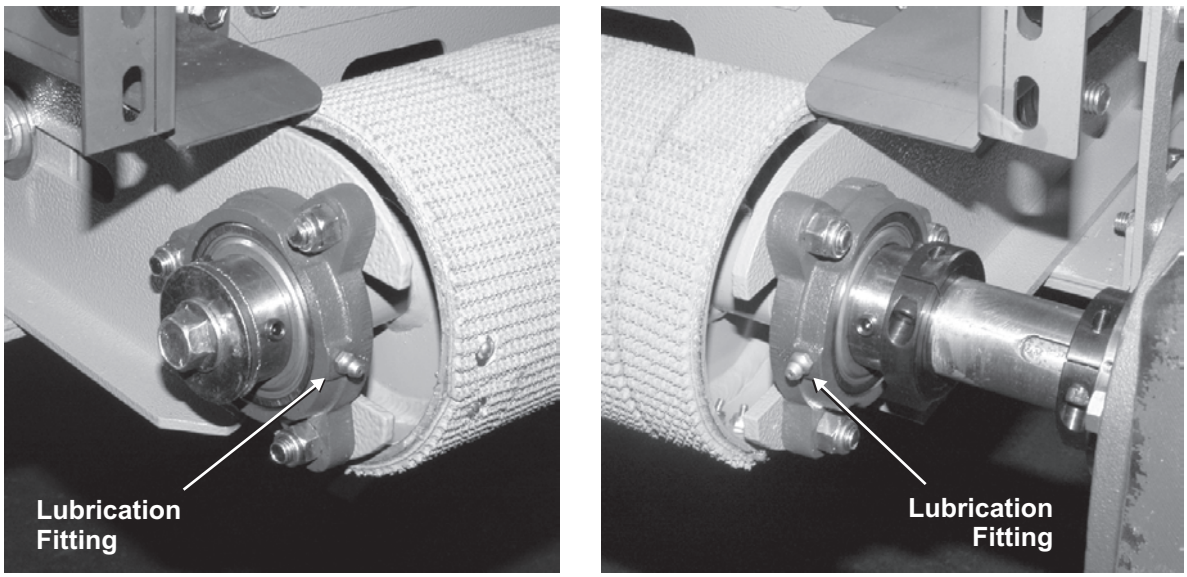
FIGURE 4 (MSSMD425AE)
Lubrication Application

Conveyor Lubrication & Chain Adjustment

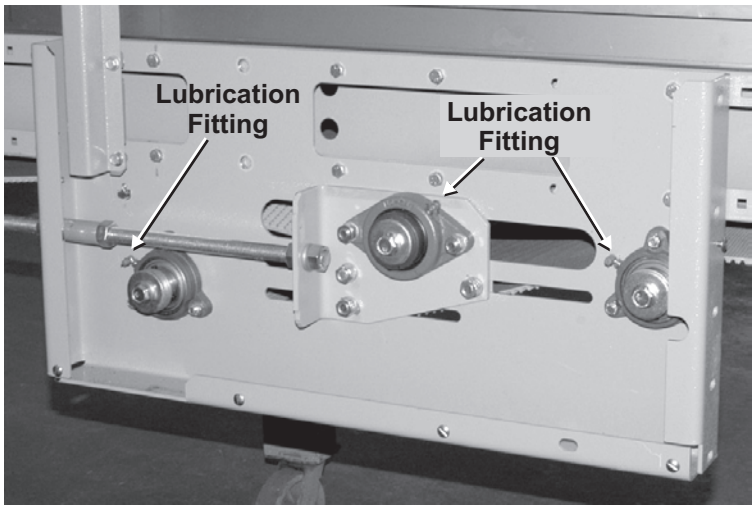
Flatbelt, Pod, Load, and Extractor Conveyors

CONVEYOR LUBRICATION:

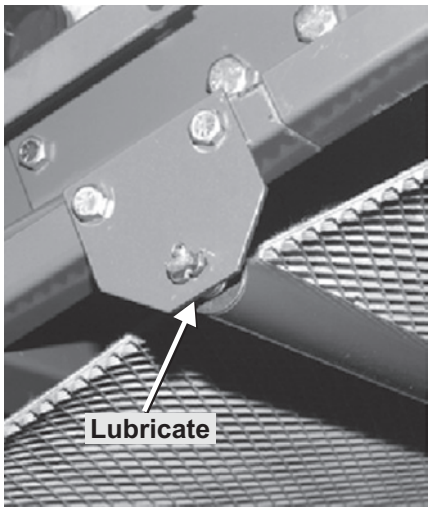
Every three months, all CONVEYOR ROLLER BEARINGS should be lubricated with bearing lubricant, Shell Alvania EP2 Lithium Grease or equivalent, using a hand pressure grease gun. Lubrication fittings are located on the bearings when they are easily accessible or they are remotely located to a position on the conveyor bed frame, if the bearing cannot be reached easily.



Roller Bearings



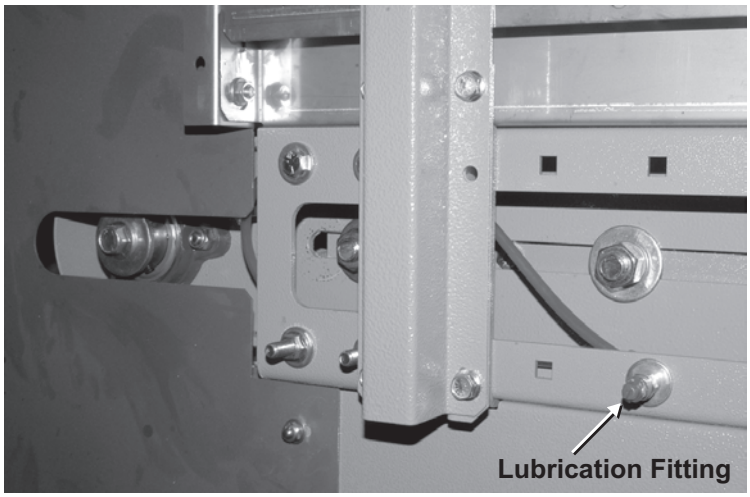
Underdrive



Idler Roller

Conveyor Lubrication & Chain Adjustment

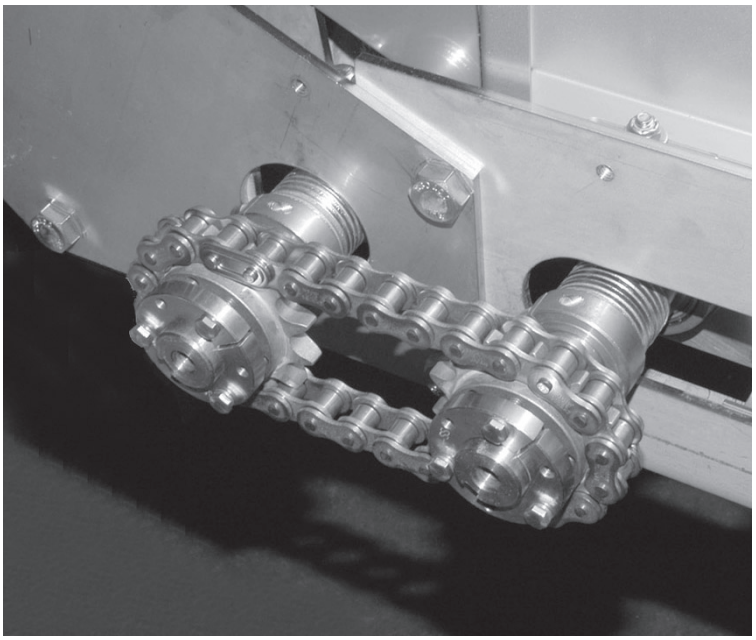
Flatbelt, Pod, Load, and Extractor Conveyors



Remote Lubrication Points

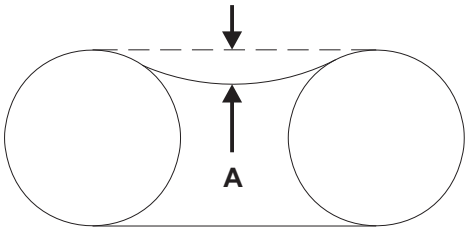
CHAIN LUBRICATION:

Every thirty days of operation, CHAIN DRIVES should be lubricated with bearing lubricant, Shell Alvania EP2 Lithium Grease or equivalent. Chain drives are covered by a safety cover and their lubrication fitting are remotely mounted where they are easily accessible.



CHAIN ADJUSTMENTS:

Every thirty days of operation, chain drives should be checked for proper adjustment.



Dimension A

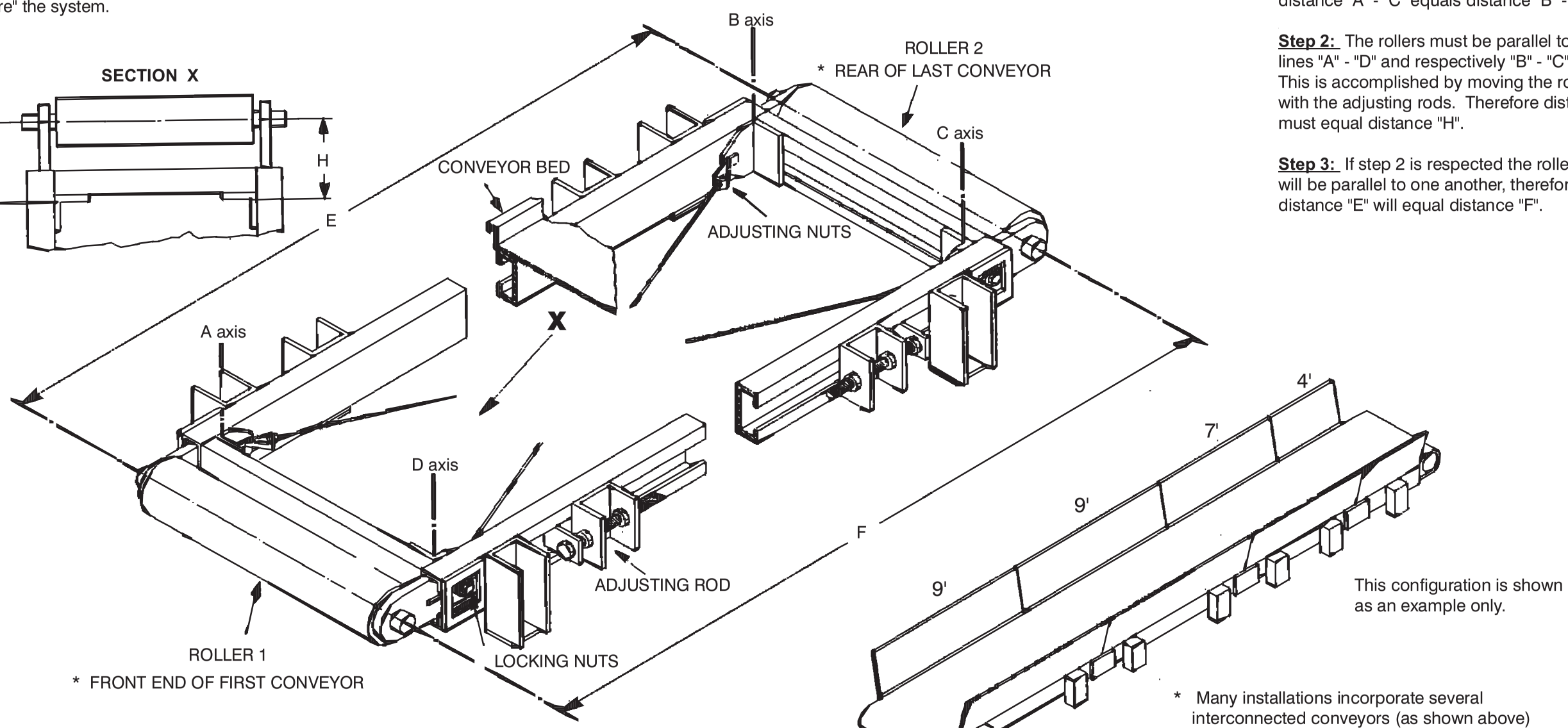
New Chain	0-.125" (0-3MM)
After 48 hours	.125"-.25" (3MM-6MM)

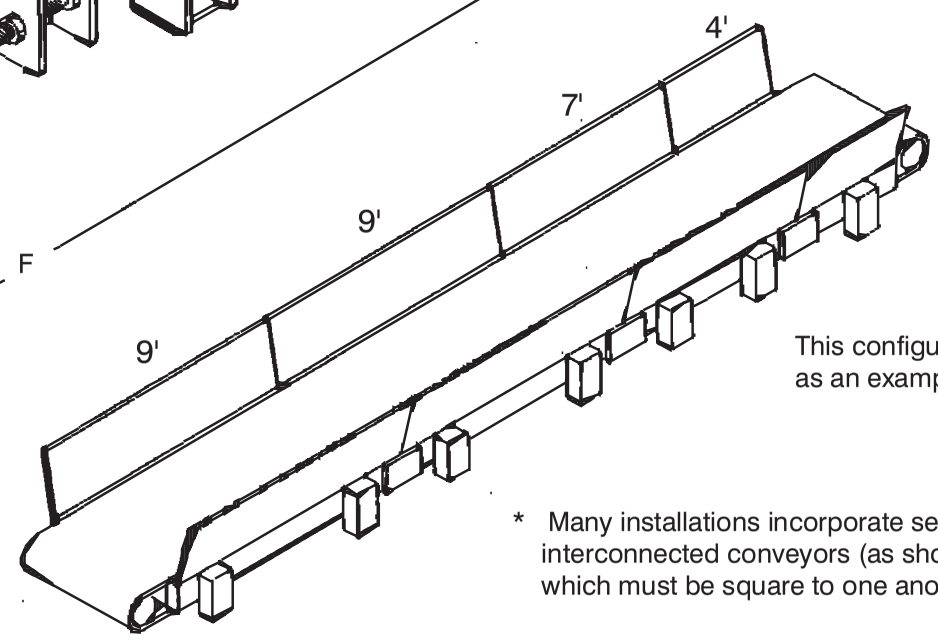
Conveyor Adjustment Procedures

Pellerin Milnor Corporation
P. O. Box 400, Kenner, LA 70063-0400

Litho in U.S.A.

Comments:
To provide optimum durability of the conveyor belt, it is essential that the conveyor is properly "squared". These instructions define the procedures to "square" the system.





This configuration is shown as an example only.

* Many installations incorporate several interconnected conveyors (as shown above) which must be square to one another.

Step 1: The conveyor frame must be "square". This is accomplished by adjusting the tie rods between points "A" - "C" and "B" - "D". The frame is "square" if and only if met: distance "A" - "C" equals distance "B" - "D".

Step 2: The rollers must be parallel to the lines "A" - "D" and respectively "B" - "C". This is accomplished by moving the rollers with the adjusting rods. Therefore distance "G" must equal distance "H".

Step 3: If step 2 is respected the rollers will be parallel to one another, therefore distance "E" will equal distance "F".

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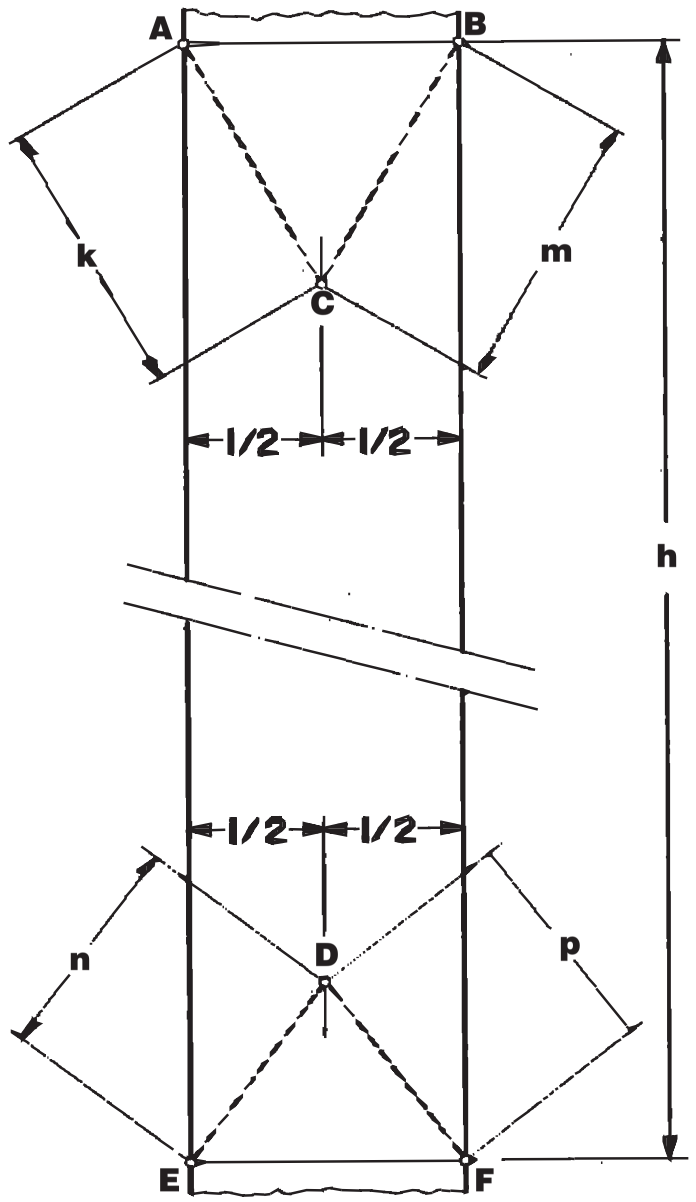
P. O. Box 400, Kenner, LA 70063-0400

Litho in U.S.A.



Step 1: At some point well back from the end of the belt, measure and carefully mark a point (C) at the exact center of the belt width.

Step 2: Measure from this centerpoint two equal lengths (k and m) and mark points (A and B) along the edges and near the end of the belt. Be sure length "k" equals length "m".

Step 3: Meausre the total desired length (h) from point "B" to point "F" and mark that point.

Step 4: At some point well back from this end of the belt, mark a point (D) at the exact center of the belt width.

Step 5: Repeat step 2 to find point "E". Be sure that length "n" equals length "p".

Step 6: Cut along lines "A" - "B" and "E" - "F". Cuts must be straight so that the ends may be laced together without causing the belt material to warp.

(THIS PROCEDURE TO BE USED IF A BELT IS TO BE CUT AND LACED IN THE FIELD.)

Conveyor Adjustment Procedures

Pellerin Milnor Corporation
P. O. Box 400, Kenner, LA 70063-0400

Litho in U.S.A.

Step 1: Check the conveyor frame to make sure it is square in accordance with illustration 1. Make sure the ends of the belt are square and laced properly in accordance with illustration 2.

Step 2: Run the conveyor for enough revolutions to indicate what direction it tracks.
Example: If the belt tracks to the right, adjust the right side non driven end adjusting rod (for double ended drives pick one end to adjust only) by following these steps:

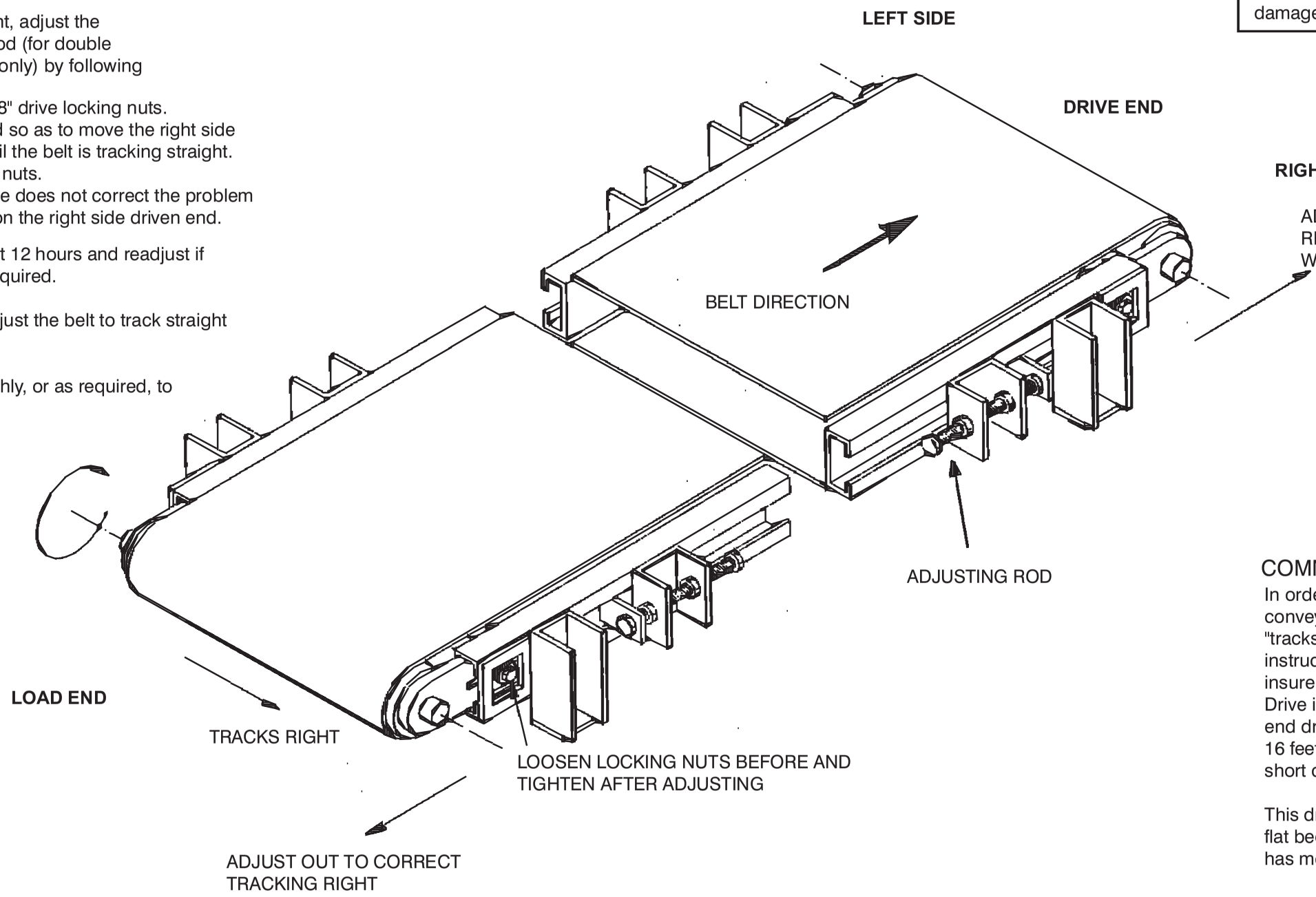
- **Step 2a:** Loosen the two (2) 5/8" drive locking nuts.
- **Step 2b:** Turn the adjusting rod so as to move the right side non-driven end out until the belt is tracking straight.
- **Step 2c:** Retighten the locking nuts.
- **Step 2d:** If the above procedure does not correct the problem apply the same steps on the right side driven end.

Step 3: Run the conveyor for at least 12 hours and readjust if necessary. Frequent inspection is required.

Step 4: After 72 hours operating, adjust the belt to track straight if required.

Step 5: Check the belt at least monthly, or as required, to insure straight tracking.

WARNING:
When moving conveyor, never allow frame to twist; such as would occur if one corner were raised higher than the others. Misalignment and damage to the frame may occur.



COMMENTS:

In order to insure optimum durablity of Milnor conveyor belts, it is essential that the belt "tracks" straight on the conveyor frame. These instructions provide step by step procedures to insure proper belt tracking.
Drive is normally located on discharge end. Double end drives are used on reversing conveyors over 16 feet long. Drive may be located on load end of short conveyors (4 feet).

This drawing intended for use with both flat bed and loading conveyor. Loading conveyor has metal dividers on belt, not shown here.

BIUUUM03 (Published) Book specs- Dates: 20111018 / 20111018 / 20120629 Lang: ENG01 Applic: UUU

Motor Maintenance

This document uses Simplified Technical English.
Learn more at http://www.asd-ste100.org.

This document is for motors used on Milnor® machines that have grease fittings. If the motor manufacturer supplies maintenance instructions, use them. If not, use this document.

NOTICE P1: "Remove power from the machine" means use the necessary safety procedure for your location. In the USA, this is the OSHA lockout/tagout (LOTO) procedure. More local requirements can also apply.

WARNING 2: Risk of Severe Injury—A machine in operation without safety guards can pull in and mutilate your body.

- You must be an approved maintenance technician.
- Replace guards and covers that you remove for maintenance.

WARNING 3: Risk of Severe Injury—The machine has electrical power when the Master switch ($_M$) on the control panel is off or on.

- **Remove power from the machine (see Notice P1).**

1. Necessary Maintenance

1.1. Keep the motors clean.—Examine and clean motors each 500 hours of operation or a minimum of each three months. Keep the motors free of dirt, oil, grease, and water. Contamination that prevents good airflow will cause too much heat and cause motor damage.

1.2. Examine a motor that shows unusual symptoms. —Examine a motor that becomes too hot, makes noise, makes smoke, smells unusual, or opens the circuit breaker frequently. Examine a motor if the inverter gives errors. Make sure that all electrical connections are tight. Make sure that the wire insulation is good. Use a low resistance ohmmeter. Disassemble the motor to clean it fully If necessary.

1.3. Lubricate the motors.—This document gives the lubricant frequency, quantity, type, and procedure. These are all important. See the related section in document BIIFUM02 which gives the calibration procedures for grease guns.

2. How to Find the Interval and Quantity of Grease to Add

frame code—codes for the standard motor dimensions used by motor manufacturers.

standard interval—the number of hours that a motor can operate in typical conditions before you must add grease.

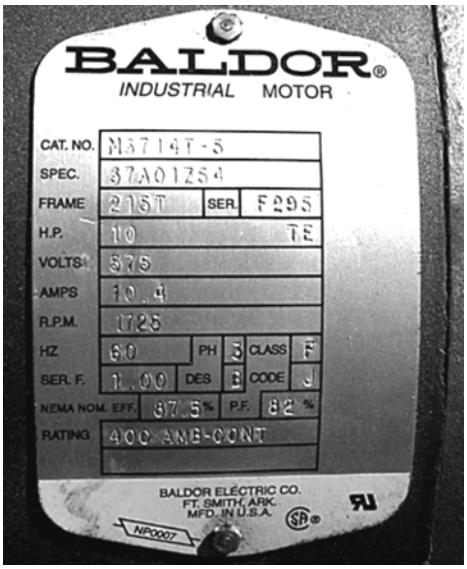
operation conditions—the conditions that can decrease the life of the motor and make it necessary to lubricate more frequently.

rating—One of three levels of operation conditions: typical, bad, very bad.

multiplication number—a decimal number given to the rating. Typical = 1.0, bad = 0.5, and very bad = 0.2.

This section gives the steps you use to find the interval and quantity of grease to add. The examples use the motor data plate shown in Figure 1.

Figure 1: Typical Data Plate on a Motor



1. Find the frame code and RPM on the motor data plate. Example:

   Frame code = 215T, RPM = 1725

2. Find the standard interval in Table 1. Example:

   Standard interval = 12,000 hours

3. Find the rating and multiplication number in Table 2 for your worst operation condition. Example: ambient temperature = 102°F (39°C). Moderate contamination.

   Rating = bad, Multiplication number = 0.5

4. Calculate the correct interval (the number of hours of operation before it is necessary to add grease). Example:

   12,000 x 0.5 = ***6,000 hours***

   Where:
   12,000 is the standard interval
   0.5 is the multiplication number for a rating = bad.

5. Find the quantity of grease for the frame code for your motor in Table 3. You can use the bearing data in the table to do maintenance. Do not use this data to adjust the quantity of grease. Example:

   grease volume = ***0.16 ounces (4.7 grams)***
   grease gun cycles = ***2.5***

Table 1: Standard Interval

NEMA (IEC)** Range of Frame Codes		Interval in Hours for the Given RPM			
		3600 RPM*	1800 RPM*	1200 RPM*	900 RPM*
Up to 215 (132)		5500	12000	18000	22000
254 to 286 (160 - 180)		3600	9500	15000	18000
324 to 365 (200 - 225)		2200	7400	12000	15000
404 to 5000 (280 - 315)	6313 or 6314 bearings	2200	3500	7400	10500
	Roller bearings	1100	1750	3700	5250

*** Use this column if this is near or the same RPM as your motor.**

**** Frame codes given by the IEC are shown in parentheses.**

Table 2: Operation Condition and Multiplication Number

Operation Conditions*			Rating	Multiplication Number
Maximum Ambient Temperature	Or Atmospheric Contamination	Or Bearing Type		
104°F (40°C)	Clean, not much corrosion	Ball bearing with a groove of large depth	Typical	1.0
122°F (50°C)	Moderate dirt, corrosion	Ball thrust, roller	Bad	0.5
>122°F (>50°C)	Much dirt, abrasive dust, corrosion	n.a.	Very bad	0.1

* The worst condition sets the rating.

Table 3: Grease Quantity (total quantity for all bearings in the motor)

NEMA (IEC) Range of Frame Codes	Largest Bearing Dimension in Range			Quantity of Grease *		Cycles of the Grease Gun
	Category of Bearing	Outer Diameter (mm)	Width (mm)	(Ounces)	(Grams)	
0 thru 215 (132)	6307	80	21	0.16	4.7	2.5
254 to 286 (160 - 180)	6311	120	29	0.32	9.1	5
324 to 365 (200 - 225)	6313	140	33	0.43	12.2	7
404 to 5000 (280 - 315)	NU322	240	50	1.11	31.5	18

*** This is the quantity for the two bearings.**

3. Grease Types and Procedures

Table 4: Type of Grease

Rating from Table 2	Type of Grease
Typical	Shell Dolium R, Chevron SRI, or equivalent
Bad	
Very Bad	Darmex 707 or equivalent

CAUTION 4: Damage and Malfunction Risks—Too much grease gun pressure can put grease in the motor and cause electrical components to burn out. If grease touches a brake or a clutch surface, this can cause a malfunction.

- Apply grease carefully.

Apply grease as follows:

1. **Remove power from the machine (see Notice P1).**
2. Clean grease fittings.
3. If the motor has a grease outlet plug, remove it.
4. Add the recommended quantity of grease (See Item 5). Stop immediately if you see new grease around the motor shaft, wires or the grease outlet plug.
5. If the motor has a grease outlet plug, replace it.

— End of BIUUUM03 —

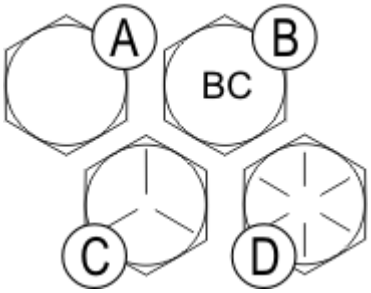
BIUUUM04 (Published) Book specs- Dates: 20180109 / 20180109 / 20180109 Lang: ENG01 Applic: UUU

Torque Requirements for Fasteners

This document uses Simplified Technical English. Learn more at http://www.asd-ste100.org.

The document about the assembly gives the torque requirements for other fasteners. **If fastener torque specifications or threadlocker requirements in an assembly document are different from this document, use the assembly document.**

Figure 1: The Bolts in Milnor® Equipment

The Marks on Bolt Heads	Legend
	**A.** SAE Grades 1 and 2, ASTM A307, and stainless steel **B.** Grade BC, ASTM A354 **C.** SAE Grade 5, ASTM A449 **D.** SAE Grade 8 and ASTM A354 BD

1. Torque Values

These tables give the standard dimension, grade, threadlocker, and torque requirements for fasteners frequently used on Milnor® equipment.

Note 1: Data from the Pellerin Milnor® Corporation "Bolt Torque Specification" (bolt_torque_milnor.xls/2002096).

1.1. Fasteners Made of Carbon Steel

1.1.1. Without a Threadlocker

Table 1: Torque Values for Standard Fasteners with Maximum 5/16-inch Diameters and No Lubricant

	The Grade of the Bolt							
	Grade 2		Grade 5		Grade 8		Grade BC	
Dimension	Pound-Inches	N-m	Pound-Inches	N-m	Pound-Inches	N-m	Pound-Inches	N-m
1/4 x 20	66	7	101	11	143	16	126	14
1/4 x 28	76	9	116	13	163	18	--	--
5/16 x 18	136	15	209	24	295	33	258	29
5/16 x 24	150	17	232	26	325	37	--	--

Table 2: Torque Values for Standard Fasteners Larger Than 5/16-inch Diameters and No Lubricant

	The Grade of the Bolt							
	Grade 2		Grade 5		Grade 8		Grade BC	
Dimension	Pound-feet	N-m	Pound-feet	N-m	Pound-feet	N-m	Pound-feet	N-m
3/8 x 16	20	27	31	42	44	59	38	52
3/8 x 24	23	31	35	47	50	68	--	--
7/16 x 14	32	43	49	66	70	95	61	83
7/16 x 20	36	49	55	75	78	105	--	--
1/2 x 13	49	66	75	102	107	145	93	126
1/2 x 20	55	75	85	115	120	163	--	--
9/16 x 12	70	95	109	148	154	209	134	182
9/16 x 18	78	106	121	164	171	232	--	--
5/8 x 11	97	131	150	203	212	287	186	252
5/8 x 18	110	149	170	231	240	325	--	--
3/4 x 10	172	233	266	361	376	510	329	446
3/14 x 16	192	261	297	403	420	569	--	--
7/8 x 9	167	226	429	582	606	821	531	719
7/8 x 14	184	249	473	641	668	906	--	--
1 x 8	250	339	644	873	909	1232	796	1079
1 x 12	274	371	704	954	994	1348	--	--
1 x 14	281	381	723	980	1020	1383	--	--
1 1/8 x 7	354	480	794	1077	1287	1745	1126	1527
1 1/8 x 12	397	538	891	1208	1444	1958	--	--
1 1/4 x 7	500	678	1120	1519	1817	2464	1590	2155
1 1/4 x 12	553	750	1241	1682	2012	2728	--	--
1 3/8 x 6	655	888	1469	1992	2382	3230	2085	2827
1 3/8 x 12	746	1011	1672	2267	2712	3677	--	--
1 1/2 x 6	869	1178	1949	2642	3161	4286	2767	3751
1 1/2 x 12	979	1327	2194	2974	3557	4822	--	--

Table 3: Torque Values for Plated Fasteners with Maximum 5/16-inch Diameters and No Lubricant

	The Grade of the Bolt							
	Grade 2		Grade 5		Grade 8		Grade BC	
Dimension	Pound-Inches	N-m	Pound-Inches	N-m	Pound-Inches	N-m	Pound-Inches	N-m
1/4 x 20	49	6	76	9	107	12	95	11
1/4 x 28	56	6	88	10	122	14	--	--
5/16 x 18	102	12	156	18	222	25	193	22
5/16 x 24	113	13	174	20	245	28	--	--

Table 4: Torque Values for Plated Fasteners Larger Than 5/16-inch Diameters and No Lubricant

	The Grade of the Bolt							
	Grade 2		Grade 5		Grade 8		Grade BC	
Dimension	Pound-feet	N-m	Pound-feet	N-m	Pound-feet	N-m	Pound-feet	N-m
3/8 x 16	15	20	23	31	33	44	29	38
3/8 x 24	17	23	26	35	37	49	--	--
7/16 x 14	24	32	37	50	52	71	46	61
7/16 x 20	27	36	41	55	58	78	--	--
1/2 x 13	37	49	56	76	80	106	70	93
1/2 x 20	41	55	64	85	90	120	--	--
9/16 x 12	53	70	81	110	115	153	101	134
9/16 x 18	59	79	91	122	128	174	--	--
5/8 x 11	73	97	113	150	159	212	139	186
5/8 x 18	83	110	127	172	180	240	--	--
3/4 x 10	129	173	200	266	282	376	246	329
3/14 x 16	144	192	223	297	315	420	--	--
7/8 x 9	125	166	322	430	455	606	398	531
7/8 x 14	138	184	355	474	501	668	--	--
1 x 8	188	250	483	644	682	909	597	796
1 x 12	205	274	528	716	746	995	--	--
1 x 14	210	280	542	735	765	1037	--	--
1 1/8 x 7	266	354	595	807	966	1288	845	1126
1 1/8 x 12	298	404	668	890	1083	1444	--	--
1 1/4 x 7	375	500	840	1120	1363	1817	1192	1590
1 1/4 x 12	415	553	930	1261	1509	2013	--	--
1 3/8 x 6	491	655	1102	1470	1787	2382	1564	2085
1 3/8 x 12	559	758	1254	1672	2034	2712	--	--
1 1/2 x 6	652	870	1462	1982	2371	3161	2075	2767
1 1/2 x 12	733	994	1645	2194	2668	3557	--	--

1.1.2. With a Threadlocker

Table 5: Threadlocker by the Diameter of the Bolt (see Note 2)

	Dimension			
LocTite Product	1/4-inch	1/4- to 5/8-inch	5/8- to 7/8-inch	1-inch +
LocTite 222	OK			
LocTite 242		OK		
LocTite 262			OK	
LocTite 272			High temperature	
LocTite 277				OK

Note 2: The acceptable bolt size ranges for various LocTite® threadlocking products is the LocTite manufacturer's **general** recommendation. Specific applications sometime require that a LocTite product is applied to a bolt size outside the ranges shown here. For example, Milnor specifies LocTite 242 for use on certain 1" bolt applications and has confirmed this usage with the LocTite manufacturer. You may see variances such as this in the documentation for specific machine assemblies.

Table 6: Torque Values if You Apply LocTite 222

Dimension	The Grade of the Bolt							
	Grade 2		Grade 5		Grade 8		Grade BC	
	Pound-inches	N-m	Pound-inches	N-m	Pound-inches	N-m	Pound-inches	N-m
1/4 x 20	60	7	96	11	132	15	108	12
1/4 x 28	72	8	108	12	144	16	--	--

Table 7: Torque Values if You Apply LocTite 242

Dimension	The Grade of the Bolt							
	Grade 2		Grade 5		Grade 8		Grade BC	
	Pound-feet	N-m	Pound-feet	N-m	Pound-feet	N-m	Pound-feet	N-m
5/16 x 18	11	15	17	23	25	34	22	30
5/16 x 24	13	18	19	26	27	37	27	37
3/8 x 16	20	27	31	42	44	60	38	52
3/8 x 24	23	31	35	47	50	68	--	--
7/16 x 14	32	43	49	66	70	95	61	83
7/16 x 20	36	49	55	75	78	106	--	--
1/2 x 13	49	66	75	102	107	145	93	126
1/2 x 20	55	75	85	115	120	163	--	--
9/16 x 12	70	95	109	148	154	209	134	182
9/16 x 18	78	106	121	164	171	232	--	--
5/8 x 11	97	132	150	203	212	287	186	252
5/8 x 18	110	149	170	230	240	325	--	--

Table 8: Torque Values if You Apply LocTite 262

Dimension	The Grade of the Bolt							
	Grade 2		Grade 5		Grade 8		Grade BC	
	Pound-feet	N-m	Pound-feet	N-m	Pound-feet	N-m	Pound-feet	N-m
3/4 x 10	155	210	240	325	338	458	296	401
3/4 x 16	173	235	267	362	378	512	--	--
7/8 x 9	150	203	386	523	546	740	477	647
7/8 x 14	165	224	426	578	601	815	--	--

Table 9: Torque Values if You Apply LocTite 272 (High-Temperature)

	The Grade of the Bolt							
	Grade 2		Grade 5		Grade 8		Grade BC	
Dimension	Pound-feet	N-m	Pound-feet	N-m	Pound-feet	N-m	Pound-feet	N-m
1 x 8	350	475	901	1222	1272	1725	1114	1510
1 x 12	383	519	986	1337	1392	1887	--	--
1 x 14	393	533	1012	1372	1428	1936	--	--
1-1/8 x 7	496	672	1111	1506	1802	2443	1577	2138
1-1/8 x 12	556	754	1247	1691	2022	2741	--	--
1-1/4 x 7	700	949	1568	2126	2544	3449	2226	3018
1-1/4 x 12	774	1049	1737	2355	2816	3818	--	--
1-3/8 x 6	917	1243	2056	2788	3335	4522	2919	3958
1-3/8 x 12	1044	1415	2341	3174	3797	5148	--	--
1-1/2 x 6	1217	1650	2729	3700	4426	6001	3873	5251
1-1/2 x 12	1369	1856	3071	4164	4980	6752	--	--

Table 10: Torque Values if You Apply LocTite 277

	The Grade of the Bolt							
	Grade 2		Grade 5		Grade 8		Grade BC	
Dimension	Pound-feet	N-m	Pound-feet	N-m	Pound-feet	N-m	Pound-feet	N-m
1 x 8	325	441	837	1135	1181	1601	1034	1402
1 x 12	356	483	916	1242	1293	1753	--	--
1 x 14	365	495	939	1273	1326	1798	--	--
1-1/8 x 7	461	625	1032	1399	1674	2270	1464	1985
1-1/8 x 12	516	700	1158	1570	1877	2545	--	--
1-1/4 x 7	650	881	1456	1974	2362	3202	2067	2802
1-1/4 x 12	719	975	1613	2187	2615	3545	--	--
1-3/8 x 6	851	1154	1909	2588	3097	4199	2710	3674
1-3/8 x 12	970	1315	2174	2948	3526	4781	--	--
1-1/2 x 6	1130	1532	2534	3436	4110	5572	3597	4877
1-1/2 x 12	1271	1723	2852	3867	4624	6269	--	--

1.2. Stainless Steel Fasteners

Table 11: Torque Values for Stainless Steel Fasteners 5/16-inch and Smaller

	316 Stainless		18-8 Stainless		18-8 Stainless with Loctite 767	
Dimension	Pound-Inches	N-m	Pound-Inches	N-m	Pound-Inches	N-m
1/4 x 20	79	9	76	9	45	5
1/4 x 28	100	11	94	11	56	6
5/16 x 18	138	16	132	15	79	9
5/16 x 24	148	17	142	16	85	10

Table 12: Torque Values for Stainless Steel Fasteners Larger Than 5/16-inch

	316 Stainless		18-8 Stainless		18-8 Stainless with Loctite 767	
Dimension	**Pound-feet**	**N-m**	**Pound-feet**	**N-m**	**Pound-feet**	**N-m**
3/8 x 16	21	28	20	27	12	16
3/8 x 24	23	31	22	29	13	18
7/16 x 14	33	44	31	42	19	25
7/16 x 20	35	47	33	45	20	27
1/2 x 13	45	61	43	58	26	35
1/2 x 20	47	64	45	61	27	37
9/16 x 12	59	81	57	77	34	46
9/16 x 18	66	89	63	85	38	51
5/8 x 11	97	131	93	125	56	75
5/8 x 18	108	150	104	141	62	84
3/4 x 10	132	179	128	173	77	104
3/4 x 16	130	176	124	168	75	101
7/8 x 9	203	275	194	263	116	158
7/8 x 14	202	273	193	262	116	157
1 x 8	300	406	287	389	172	233
1 x 14	271	367	259	351	156	211
1-1/8 x 7	432	586	413	560	248	336
1-1/8 x 12	408	553	390	529	234	317
1-1/4 x 7	546	740	523	709	314	425
1-1/4 x 12	504	683	480	651	288	390
1-1/2 x 6	930	1261	888	1204	533	722
1-1/2 x 12	732	992	703	953	422	572

2. Preparation

WARNING 2: Fire Hazard—Some solvents and primers are flammable.

- Use threadlocker and primers with sufficient airflow.
- Do not use flammable material near ignition sources.

1. Clean all threads with a wire brush or a different tool.
2. Remove the grease from the fasteners and the mating threads with solvent. Make the parts dry.

   Note 3: LocTite 7649 Primer™ or standard solvents will remove grease from parts.

3. Apply a spray of LocTite 7649 Primer™ or equal on the fasteners and the mating threads. Let the primer dry for one minute minimum.

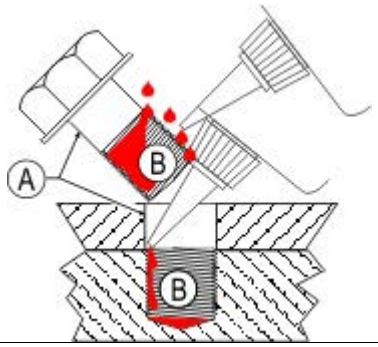
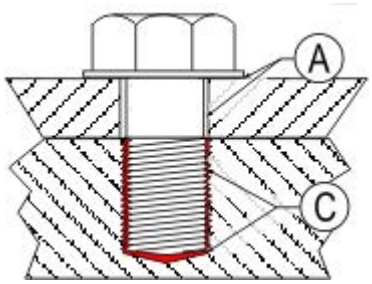
3. How to Apply a Threadlocker

CAUTION 3: Malfunction Hazard—Heat, vibration, or mechanical shocks can let the fasteners loosen if you do not apply the threadlocker correctly. Loose fasteners can cause malfunctions of the equipment.

- Read the threadlocker manufacturer's instructions and warnings. Obey these instructions.

Apply the threadlocker only to the areas where the fastener threads and the mating threads engage.

Figure 2: Blind Hole

Application	Coverage
	

Legend

A. No threadlocker here
B. Apply here
C. Fill all space with threadlocker

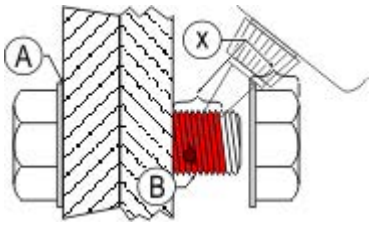
3.1. Blind Holes

1. Apply the threadlocker down the threads to the bottom of the hole.
2. Apply the threadlocker to the bolt.
3. Tighten the bolt to the value shown in the correct table (Table 5 to Table 11).

3.2. Through Holes

1. Put the bolt through the assembly.
2. Apply the threadlocker only to the bolt thread area that will engage the nut.
3. Tighten the bolt to the value shown in the correct table (Table 5 to Table 11).

Figure 3: Through Hole

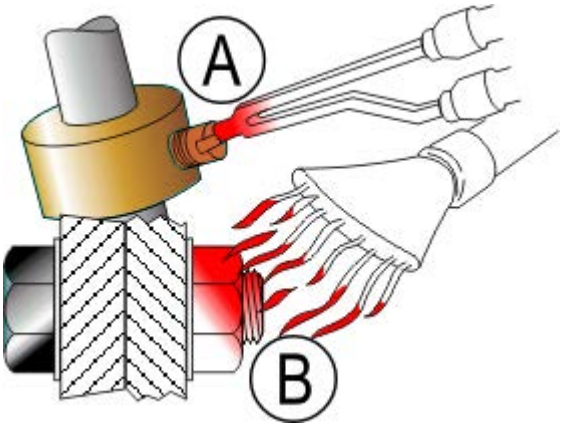
Application	Legend
	**A.** No threadlocker here **B.** Apply the threadlocker to this area **x.** Nut depth

3.3. Disassembly—For high-strength threadlocker, apply heat for five minutes. Disassemble with hand tools while the parts are hot.

For low-strength and moderate-strength threadlocker, disassemble with hand tools.

Figure 4: Disassembly

Apply Heat to a Small Area



Legend

A. How to apply heat to a small fastener
B. How to apply heat to a large fastener

— End of BIUUUM04 —

Assemblies 2

Loading Conveyor Assemblies

Conlo & Conwa , 36" Belt

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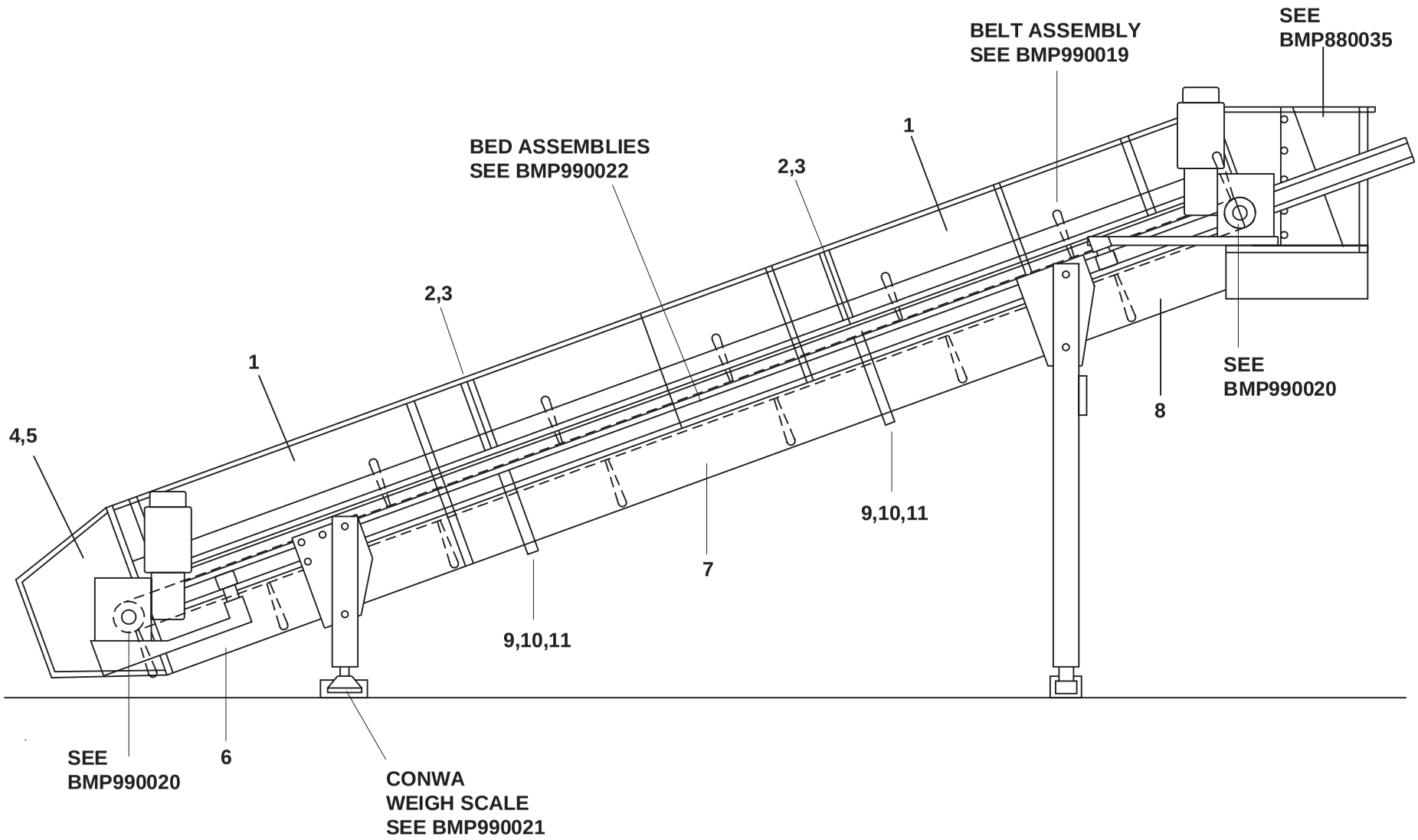

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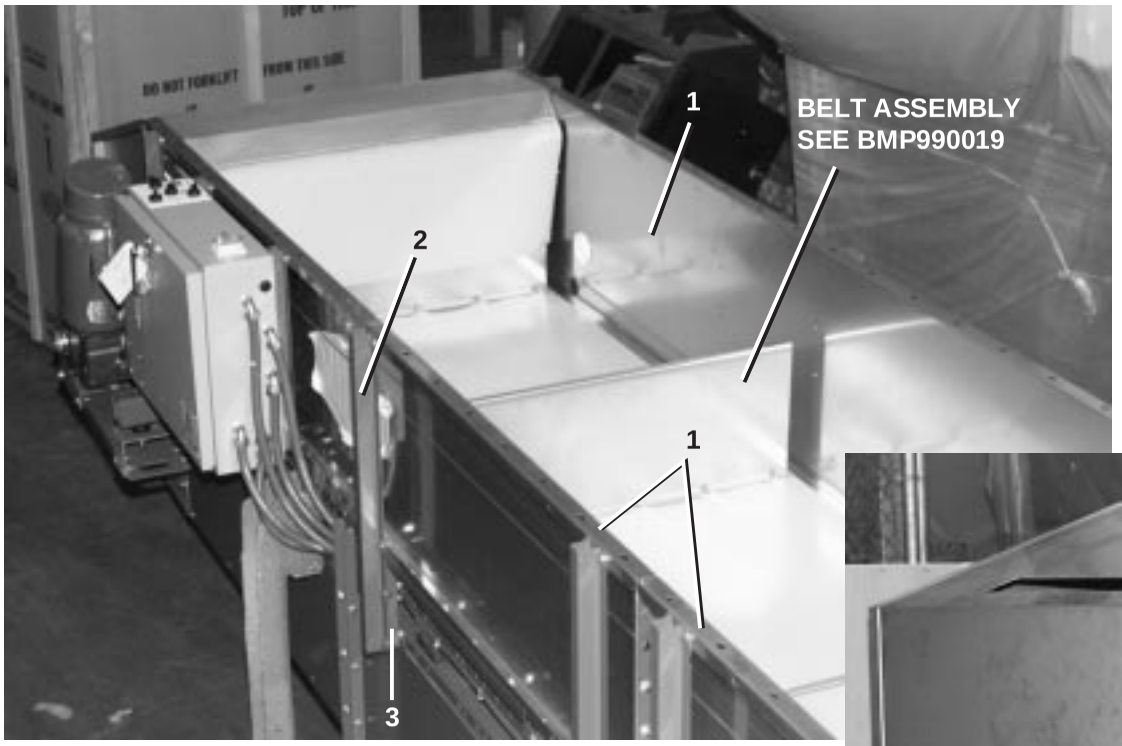

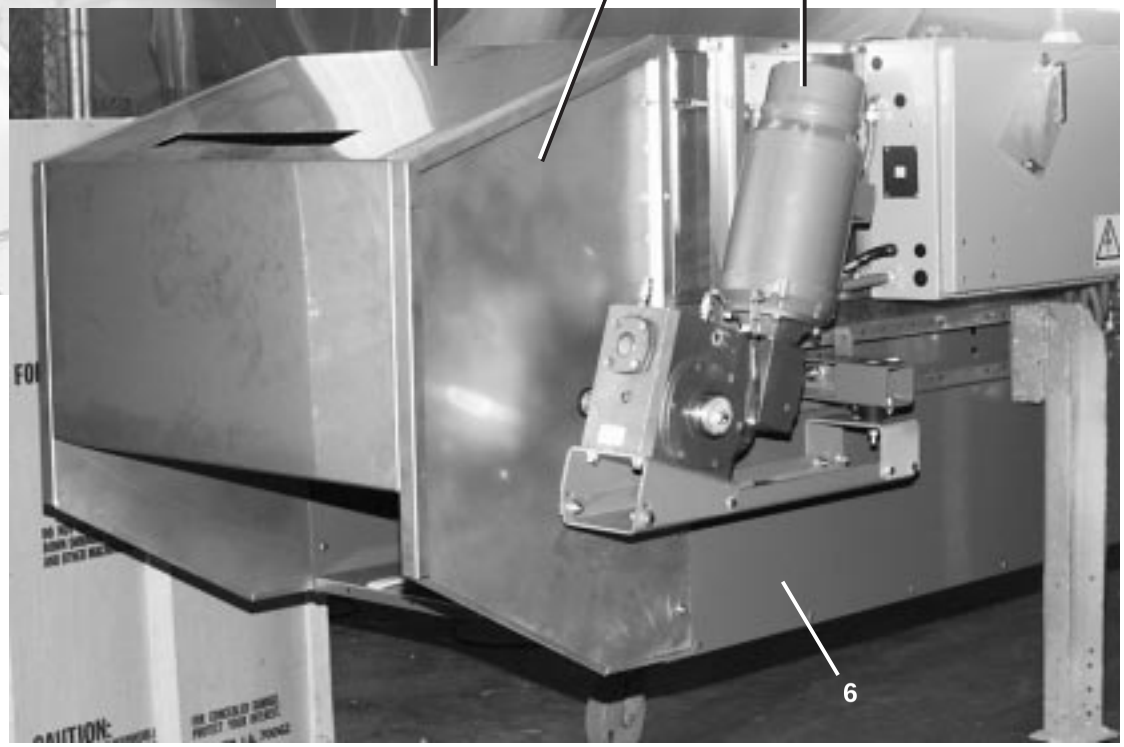

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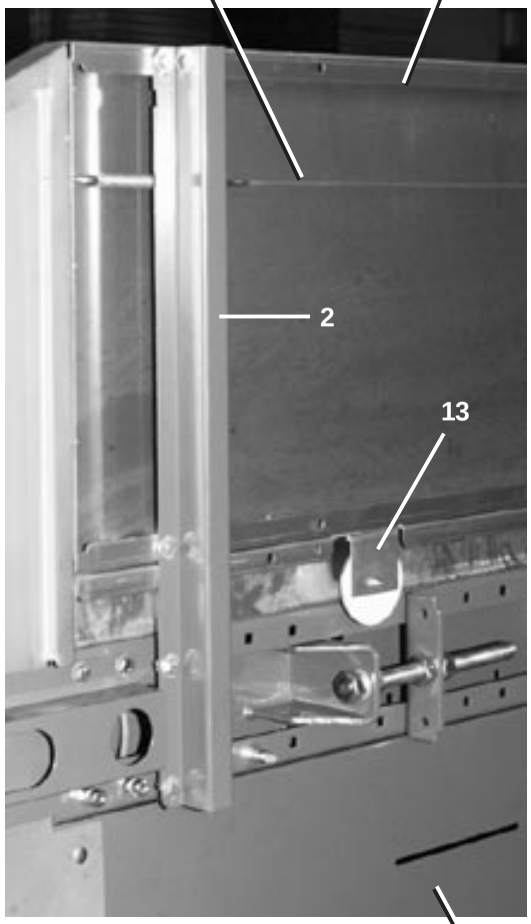
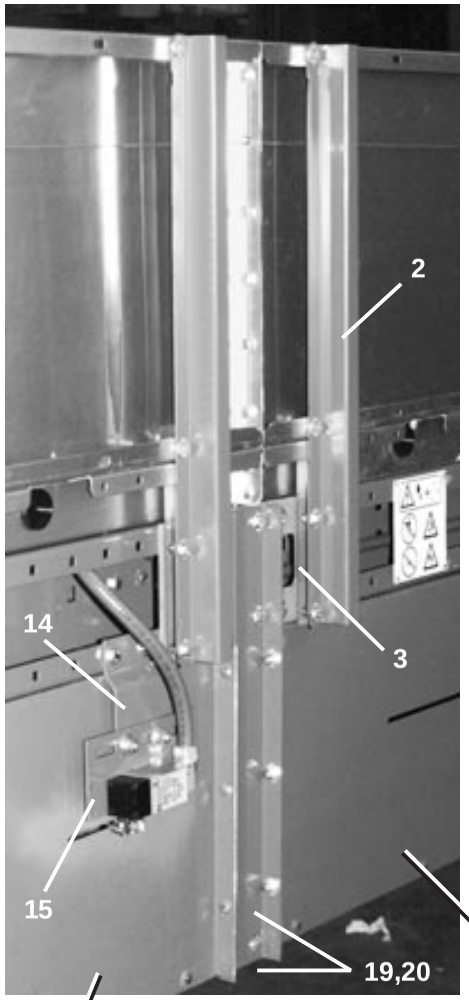
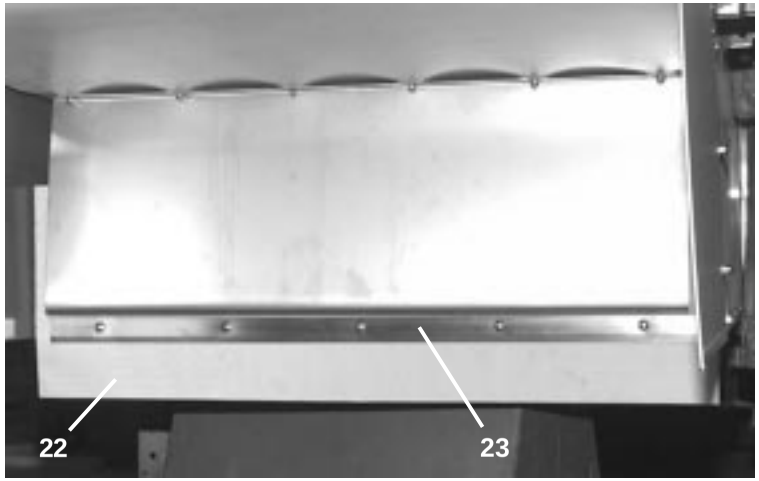


SIDE MEMBERS
AND SWITCH BRACKETS



PHOTOEYE INSTALLATION



UNLOAD BELT ENDGATE

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Parts List—Loading Conveyor Assemblies

Find the correct assembly first, then find the needed components. The item letters (A, B, C, etc.) assigned to assemblies are referred to in the "Used In" column to identify which components belong to an assembly. The item numbers (1, 2, 3, etc.) assigned to components relate the parts list to the illustration.

Used In	Item	Part Number	Description	Comments
			----------ASSEMBLIES----------	
	A		CONLO 03 05 36W 5SLOT LOAD CONVEYOR	
	B		CONLO 03 04 36W 4SLOT LOAD CONVEYOR	
	C		CONLO 03 06 36W 6SLOT LOAD CONVEYOR	
	D		CONLO 03 07 36W 7SLOT LOAD CONVEYOR	
	E		CONLO 03 08 36W 8SLOT LOAD CONVEYOR	
	F		CONLO 03 09 36W 9SLOT LOAD CONVEYOR	
	G		CONLO 03 10 36W 10 SLOT LOAD CONVEYO	
	H		CONLO 03 11 36W 11SLOT LOAD CONVEYOR	
	J		CONLO 03 12 36W 12SLOT LOAD CONVEYOR	
	K		CONWA 03 04 36W 4SLOT WEIGHCONVEYOR	
	L		CONWA 03 05 36W 5SLOT WEIGHCONVEYOR	
	M		CONWA 03 06 36W 6SLOT WEIGHCONVEYOR	
	N		CONWA 03 07 36W 7SLOT WEIGHCONVEYOR	
	P		CONWA 03 08 36W 8SLOT WEIGHCONVEYOR	
	Q		CONWA 03 09 36W 9SLOT WEIGHCONVEYOR	
	R		CONWA 03 10 36W 10SLOT WEIGHCONVEYOR	
	S		CONWA 03 11 36W 11SLOT WEIGHCONVEYOR	
	T		CONWA 03 12 36W 12SLOT WEIGHCONVEYOR	
			----------COMPONENTS----------	
	1	04 20646	87196# CONLO. SIDE EXTENSION=18X48	ABCEFGHJKLMPQRST
	1	04 20645	87196# CONLO. SIDE EXTENSION=18X84	DAEHLNPS
	1	04 20644	87196D CONLO. SIDE EXTENSION=18X108	GBKR
all	2	04 20074D	95117D CONLO/CONWA SIDE EXT SUPP	
all	3	04 20021D	95117C CONLO/CONWA SIDE SUPP BRKT	
	4	W4 20603	97452#*WLDMT CONLO EXT LOAD END LS	ABC KLM
	5	W4 20603A	97452#*WLDMT CONLO EXT LOAD END RS	ABCJKLM
	6	ALC36022A	82481D* CONLO. 48" BELT GUARD ASSY.	ADL
	6	ALC36020A	83503#*CONLO.84"BELTGUARD=LOAD ASS	CEFHJMNPQST
	6	ALC36009A	83503#* CONLO.108"BELTGUARD=LOADASS	BGKR
	7	ALC36021A	83503#*CONLO.84"BELTGUARD=MID ASSY	DEHNP
	7	ALC36010A	83503#* CONLO.108"BELTGUARD=MID ASS	FGHJQRST
	8	ALC36019A	83503D* CONLO.84"BELTGUARD=EXIT ASS	ALL EXCEPT D
	8	ALC36008A	83503D* CONLO.108"BELTGUARD=EXITASS	D
all	9	04 20608	83077C CONLO. SIDE SPT. BELT GUARD	
all	10	04 20609	83031C CONLO. CROSS BAR BELT GUARD	
all	11	04 20624	82233C CONLO. CROSS BAR=FLAT	
all	12	ALC36007	83403D CONLO. INCLINE ENDGATE ASSY.	
all	13	04 20124	82066B MCS TARGET DISC BRKT.	
all	14	04 20628	94443B CONLO. MOUNTING BRKT. SW.	
all	15	04 20629	91353B CONLO. SWITCH BRKT.	
all	16	03 BF2X4W	86212B MOUNT PLT=PHOTO REFLECTOR	
all	17	09RPE001A	REFLECTOR 3"DIA CLEAR 3M #C110	

Parts List, cont.—Loading Conveyor Assemblies

Used In	Item	Part Number	Description	Comments
all	18	03 BL1X2V	94461C BRKT:Q40 SERIES PHOTOEYE MNT	
all	19	04 20608A	82477C CONLO. SIDE SUPPORT BRKT.	
all	20	04 20609A	91342C CONLO. CROSS BAR BRKT.	
all	21	ALC36030	86291D*ASSY=CONLO SAFETY SWITCH	
all	22	04 20636	82243B CONLO.BELT END GATE=UNLOAD	
all	23	04 20637	82243B CONLO. BELT ENDGATE ANGLE	

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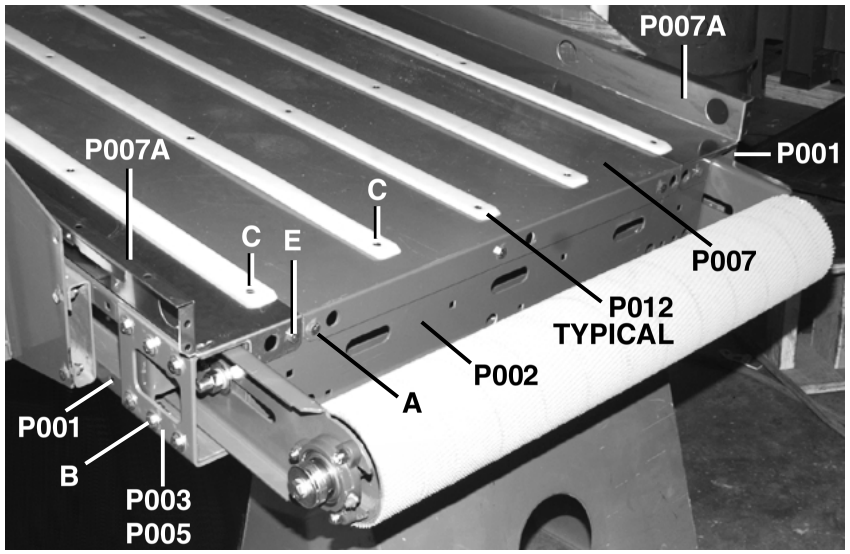
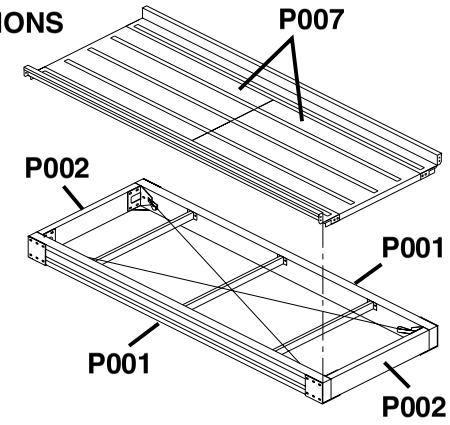
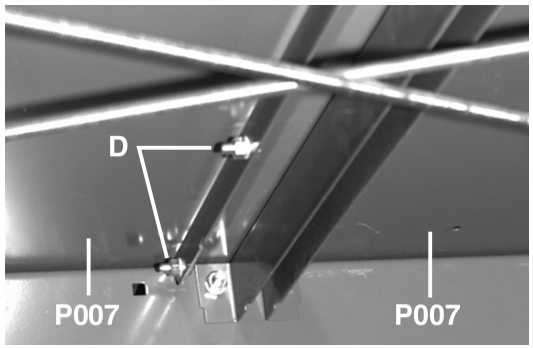
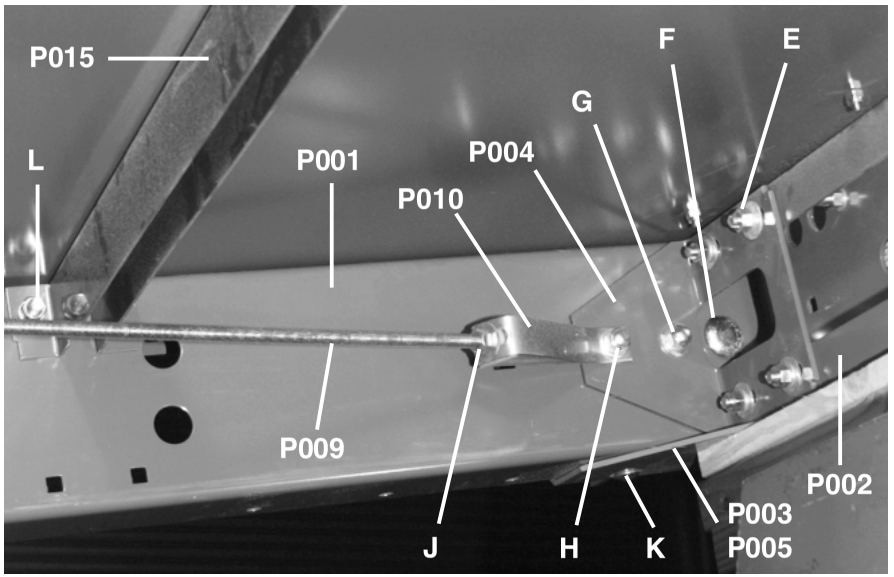


TYPICAL HARDWARE CONNECTIONS
A- AF01,AF02,AF03
B- AF04,AF03,AF05,AF02
C- AF06,AF07
D- AF08,AF09,AF10
E- AF11,AF05,AF02,AF03
F- AF12,AF13,AF14,AF15
G- AF04,AF03,AF05
H- AF16,AF03,AF05
J- AF17







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Parts List—Document Name

Find the correct assembly first, then find the needed components. The item letters (A, B, C, etc.) assigned to assemblies are referred to in the "Used In" column to identify which components belong to an assembly. The item numbers (1, 2, 3, etc.) assigned to components relate the parts list to the illustration.

Used In	Item	Part Number	Description	Comments
			----------ASSEMBLIES----------	
all	A	ALC36001	862931*MCS CONVEY W=36"XL=48" ASSY	
all	B	ALC36002	86293@*MCS CONVEY W=36"XL=84" ASSY	
all	C	ALC36003	86293@*MCS CONVEY W=36"XL=108" ASSY	
			----------COMPONENTS----------	
all	AF01	15K085	HEXCAPSCR 3/8-16UNC2AX3/4 GR5 ZINC	
all	AF02	15U255	LOCKWASHER MEDIUM 3/8 ZINCPL	
all	AF03	15G205	HXNUT 3/8-16UNC2B ZINC GR2	
all	AF04	15K095	HXCPSCR 3/8-16UNC2AX1 GR5 ZINC/CAD	
all	AF05	15U240	FLATWASHER(USS STD) 3/8" ZNC PLT	
all	AF06	15N176	FLATMACSCR 1/4-20NCX3/4SS18-8	
all	AF07	15G166A	01Z HXLOKNUT NYL1/4-20 UNC2A STL/ZC	
all	AF08	15K060	HXCAPSCR 5/16-18UNCAX3/4 GR5 ZN/CD	
all	AF09	15G185	HXNUT 5/16-18UNC2B SAE ZINC GR2	
all	AF10	15U210	LOKWASHER MEDIUM 5/16 ZINCPL	
all	AF11	15A011	CARBOLT 3/8-16UNC2X1 ZINC GR2	
all	AF12	15A075	CARBOLT 5/8-11UNC2X1 3/4 ZINC GR2	
all	AF13	15U314	FLATWASHER(USS STD) 5/8" ZNC PLT	
all	AF14	15U315	LOKWASHER MEDIUM 5/8 ZINCPL	
all	AF15	15G238	HXNUT 5/8-11UNC2B SAE ZINC GR2	
all	AF16	15K105	HXCAPSCR 3/8-16UNC2A1.25 GR5 PLATED	
all	AF17	02 13155A	71197A WASHER=SELF ALIGNING	
all	P001A	04 20001	91342C MCS 48"SIDE MEMBER	A
all	P001B	04 20002	91137D MCS 84"SIDE MEMBER	B
all	P001C	04 20003	91137# MCS 108"SIDE MEMBER	C
all	P002	04 20004B	96356D MCS 36"CROSS MEMBER	
all	P003	04 20023A	88202# MCS MOD CONN BKT RIGHT END	
all	P004	04 20024	89216C MCS CROSS MEMBER CONN BKT	
all	P005	04 20023B	88202# MCS MOD CONN BKT LEFT END	
all	P006	04 20025	90047C MCS CONVEYOR SUPPORT	
all	P007A	04 20006	96181E BED MCS 6ROL 36W 48L CROWN	A
all	P007B	04 20007	96292E BED MCS 6ROL 36W 84L CROWN	B
all	P007C	04 20008	96292E BED MCS 6ROL 36W 108L CROWN	C
all	P009	17R021	THRD ROD 3/8-16X12FT ZINC PLTD *	
all	P010	04 20118	90491B TIE ROD STRAP	
all	P011	12P11PHP	HOLEPLUG 1+3/4" BLK HEYCO#2773	
all	P012	60F125	UHMW POLYMER STRIP 1+1/2"X1/4" *	
all	P013	04 21429	91516B BKT-UNLOAD END STIFF-COSH121	
all	P014	04 20011C	86532# 36" CONV.BED SPLICE PLATE	

Parts List, cont.—Document Name

Used In	Item	Part Number	Description	Comments

Belt Assembly

Conlo / Conwa

BMP990019/99217V
(Sheet 1 of 1)

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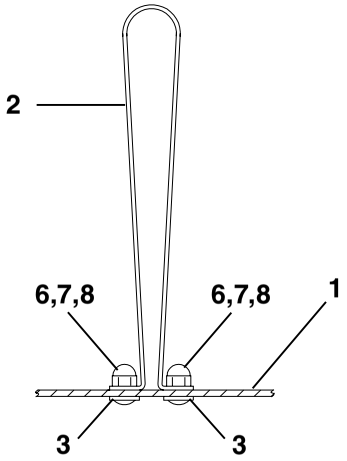
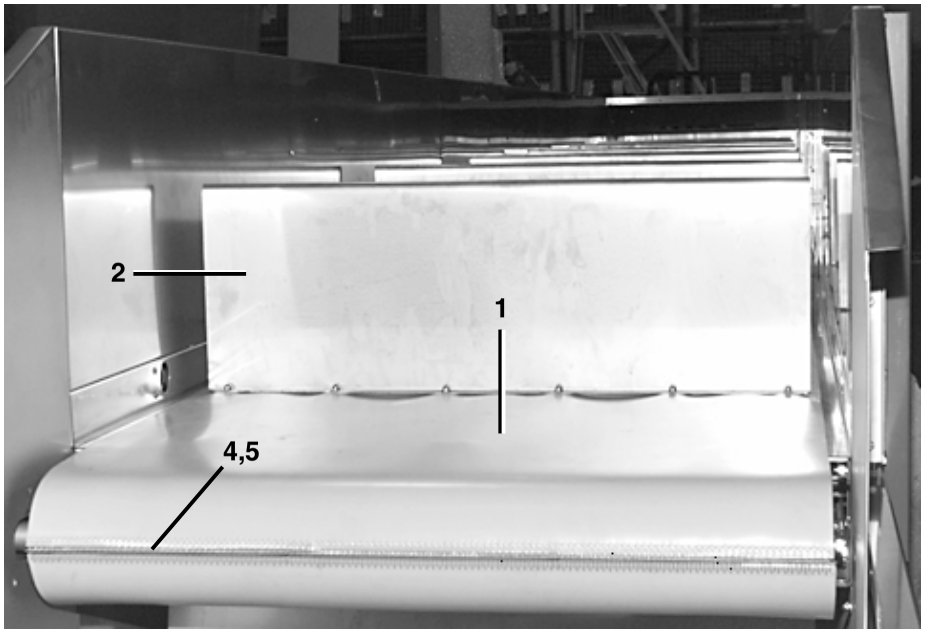




Parts List—Belt Assembly

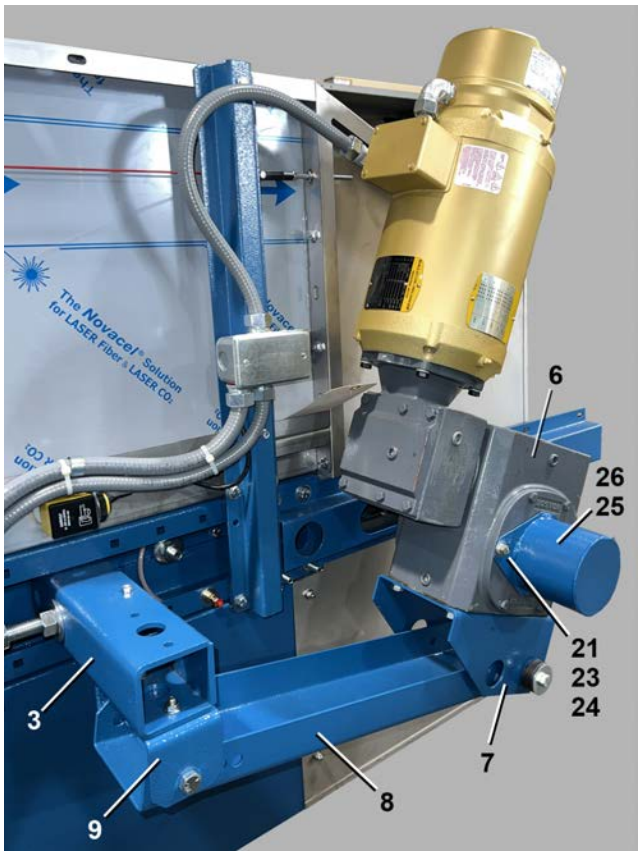
Find the correct assembly first, then find the needed components. The item letters (A, B, C, etc.) assigned to assemblies are referred to in the "Used In"

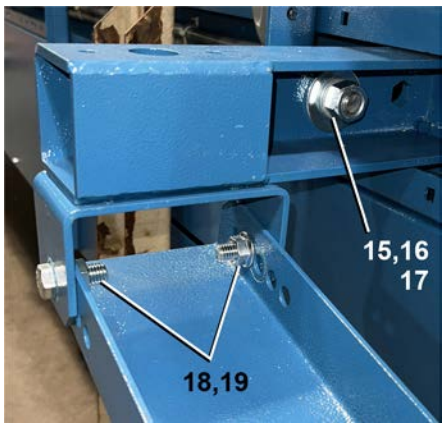
Used In	Item	Part Number	Description	Comments
			----------ASSEMBLIES----------	
	A	ALC36015	82243@* CONLO. BELT 5 SLOTS ASSY.	
	B	ALC36006	82243@* CONLO.BELT 6 SLOTS ASSY.	
	C	ALC36014	82243Y* CONLO. BELT 4 SLOTS ASSY.	
	D	ALC36016	82243@* CONLO. BELT 7 SLOTS ASSY.	
	E	ALC36017	82243@* CONLO. BELT 8 SLOTS ASSY.	
	F	ALC36025	82361Y* CONLO. BELT 9 SLOTS ASSY	
	G	ALC36026	82361@* CONLO. BELT 10 SLOTS ASSY.	
	H	ALC36027	82361@* CONLO. BELT 11 SLOTS ASSY.	
	J	ALC36028	82361@* CONLO. BELT 12 SLOTS ASSY.	
			----------COMPONENTS----------	
all	1	54C361C	01ZBELT 36" SMTH TOP FLAT CONV *	
all	2	04 20610	94097C CONLO. BARRIER	
all	3	04 20616	82277L CONLO.BELT WASHER	
all	4	54G301C	BLTLACERCONN #13NYL-SS EA=1FT *	
all	5	54G202	CLIPERBLT H#U2 430SS EA=1BX	
all	6	15A002	CARBOLT 1/4-2OUNC2X1/2 S/S	
all	7	15U181	LOCKWASHER MEDIUM 1/4 SS18-8	
all	8	15G140	03Z HXCPNT 1/4-20 #C250=20 NKLPLT	

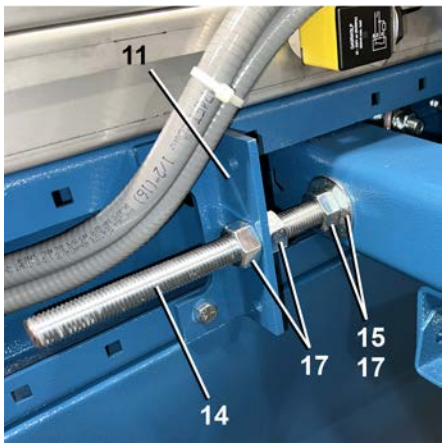
Drive & Idler Endsets

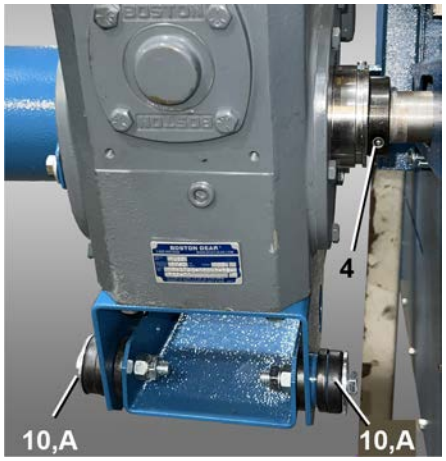
CONLO / CONWA

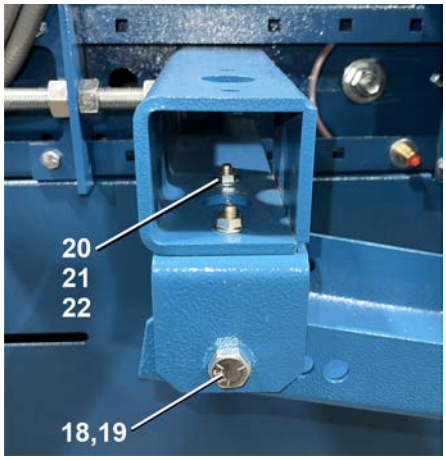
Figure 1. Drive Endset











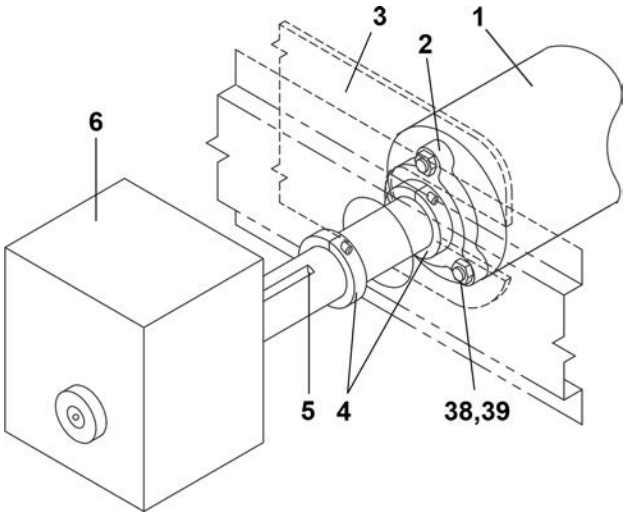
Legend

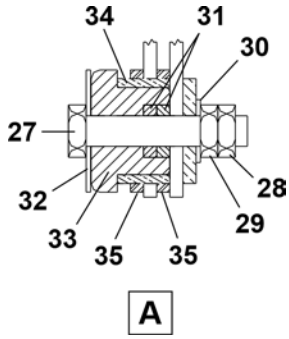
A . . . See Detail A.

Drive & Idler Endsets

CONLO / CONWA

Figure 2. Drive Endset





Legend

A . . . Torque Arm Bushings, 2 instances

Figure 3. Idler Endset

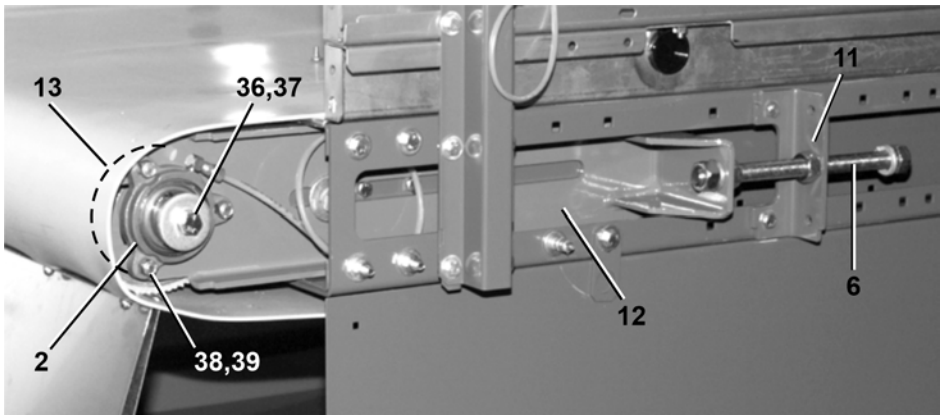


Table 1. Parts List—Drive & Idler Endsets

Find the assembly for your machine and the letter shown in the "Item" column. The components for your machine will show this letter or the word "all" in the "Used In" column. The numbers shown in the "Item" column are those shown in the illustrations.

Used In	Item	Part Number	Description/Nomenclature	Comments
Reference Assemblies				
	A	ALC36108	CONWA406 BELTDRIVE ENDSET ASSY	
Components				
all	1	APC36005	36" DRIVE LAGGED 1.437 INPUT	
all	2	54AF1437	FLGEBRG.HUBCITY 3-BOLT	
all	3	W4 20029B	*BRGCAR WITH TORQ ARM MT WLMT	
all	4	54JH11437C	SHAFTCOLLAR 1.4375 CFG #23S	
all	5	15E233	SQMACHKEY 3/8X3/8X3+3/4	

Drive & Idler Endsets

CONLO / CONWA

Parts List—Drive & Idler Endsets (cont'd.)

Find the assembly for your machine and the letter shown in the "Item" column. The components for your machine will show this letter or the word "all" in the "Used In" column. The numbers shown in the "Item" column are those shown in the illustrations.

Used In	Item	Part Number	Description/Nomenclature	Comments
all	6	54STC32100	REDUCER 100:1 HFDC932-100T-B5H	
all	7	04 20146	TORQARM GROMET BRKT-CONWA	
all	0	04 20147	TORQARM-CONWA	
all	8	04 21147	ANGLE SUPPORT BASE MK2 COEL	
all	9	04 20148	TORQARM ADJ BRKT-CONWA	
all	10	ALC420063	TORQUE ARM BUSHING ASSEMBLY	
all	11	04 20026A	MCS BEARING CARRIER ADJ BKT	
all	12	W4 20029	*MCS BRGCAR 6"ROLL NO TORKARM	
all	13	APC36002	36" IDLER LAGGED PULLEY	
all	14	17R026A10A	MCS BEARING CARRIER STUD 10"	
all	15	15U320	FLATWASHER(USS STD) 3/4" UNPLT	
all	16	15U340	LOCKWASH MEDIUM 3/4 ZINCPL	
all	17	15G240	HXNUT 3/4-10UNC2B SAE ZINC GR2	
all	18	15K147	HXCAPSCR 1/2-13UNC2X1 GR5 ZINC	
all	19	15G222B	HEXFLGNUT 1/2-13 ZINC SERRATED	
all	20	15K063	HXCPSC 5/16 18X1 GR8 ZC	
all	21	15U210	LOKWASHER MEDIUM 5/16 ZINCPL	
all	22	15G196	HXFLGNUT 5/16-18 ZINC	
all	23	15U200	FLATWASHER(USS STD) 5/16"ZNC P	
all	24	15K060	HXCAPSCR 5/16-18UNCAX3/4 GR5 Z	
all	25	W4 24340	GEAR REDUCER SHAFT COVER-726/732	
all	26	04 23772	CONVEY ROLLER BRNG COVER	
all	27	15K144C	HEXCAPSCR 7/16-14UNC X 2.5 GR 5	
all	28	15G222	HXFINJAMNUT 7/16-14UNC2B ZINC	
all	29	15G222C	HEXNUT 7/16-14UNC2B ZINC GR2	
all	30	15U271	LOKWASH INTOOTH 7/16ZN	
all	31	15U312	HARD FWASH 3/4ODX33/64IDX.115	
all	32	15U202	FLATWSHR.50ID1.75OD11GA ZNC	
all	33	60B065	RUBBER MNT CTR BONDED 40 DURO	
all	34	04 20796	SLEEVE=TORQUE ARM BUSHING	
all	35	02 18571A	PISTON ROD WASHER-.25"TK	
all	36	15K128	HEXFLGSCR 1/2-13X1 ZN. GRD. 5	
all	37	15U286	FLATWASHER 2"0DX17/32"IDX1/4"	

Drive & Idler Endsets

CONLO / CONWA

Parts List—Drive & Idler Endsets (cont'd.)

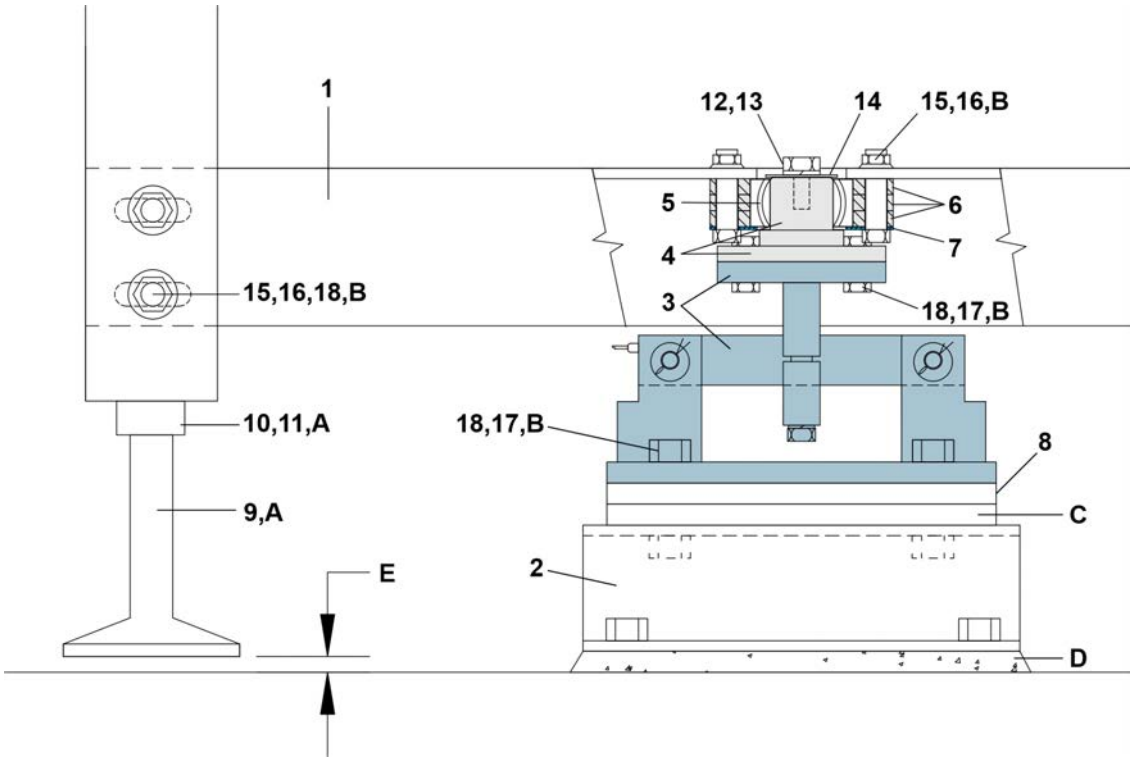
Find the assembly for your machine and the letter shown in the "Item" column. The components for your machine will show this letter or the word "all" in the "Used In" column. The numbers shown in the "Item" column are those shown in the illustrations.

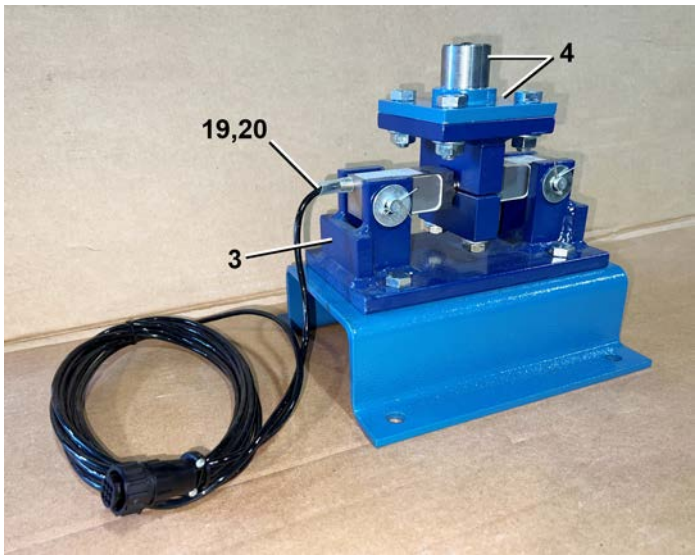
Used In	Item	Part Number	Description/Nomenclature	Comments
all	38	15A012	CARBOLT 3/8-16UNC2AX1+1/4 ZNC	
all	39	15G218	HXLOKNUT NYL 3/8-16 STL/ZNC	

Weigh Scale

CONWA

Front Legs and Weight Scale





Legend

A . . . 2 instances
B . . . 4 instances
C . . . Use a minimum of one shim.
D . . . Grout to the finished floor.
E . . . Set the legs 3/8”[10MM] above the finished floor.

Weigh Scale

CONWA

Table 1. Parts List—Weigh Scale

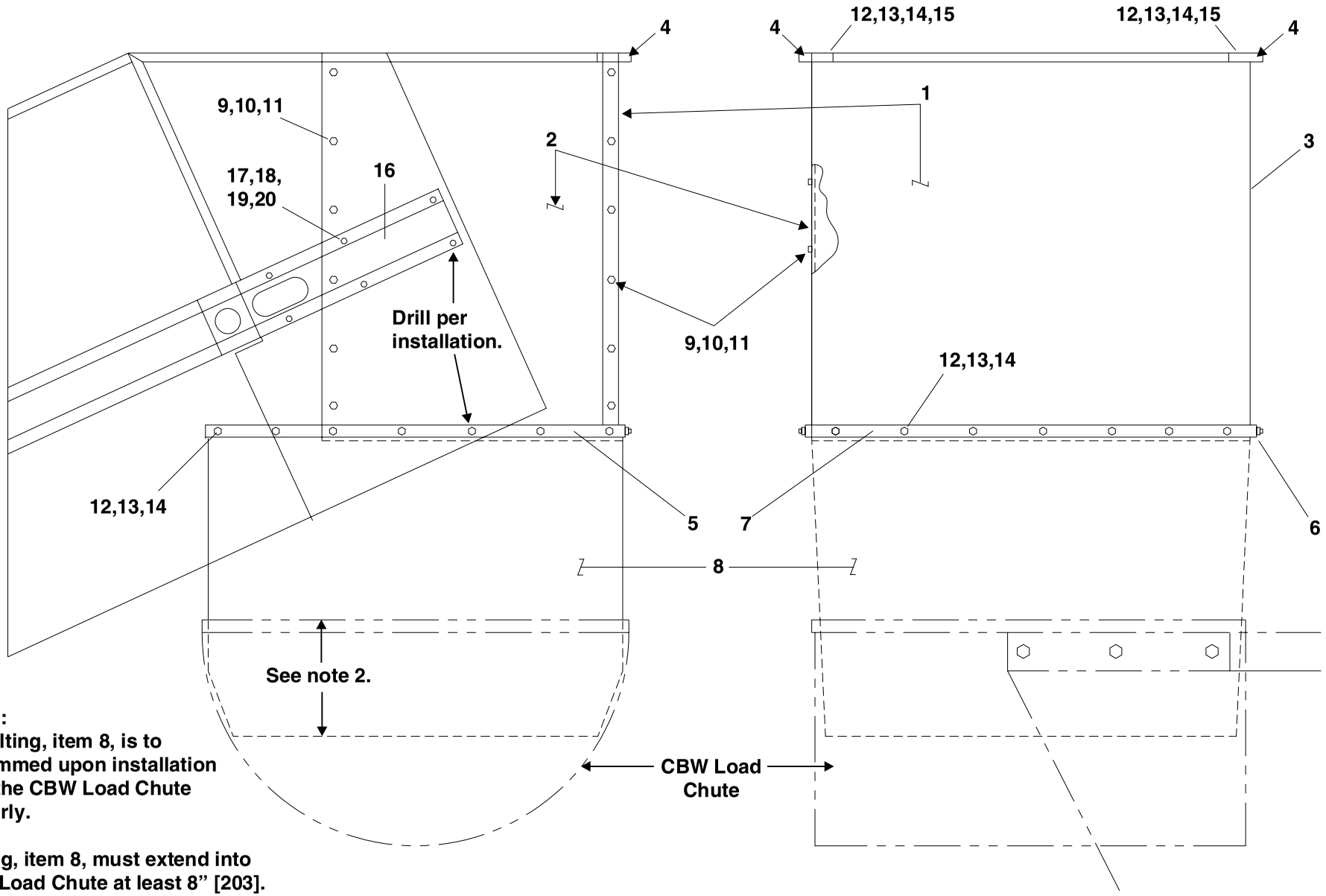
Find the assembly for your machine and the letter shown in the "Item" column. The components for your machine will show this letter or the word "all" in the "Used In" column. The numbers shown in the "Item" column are those shown in the illustrations.				
Used In	**Item**	**Part Number**	**Description/Nomenclature**	**Comments**
Reference Assemblies				
	A	ALC36029	* CONWA. WEIGHT SCALE ASSY.	
Components				
all	1	04 20653	CONLO. LOAD CELL CHANNEL	
all	2	04 20654	CONLO. LOADCELL SUPPORT	
all	3	30L2005	LOADCELL 5K	
all	4	W4 20653	*SHAFT WLMT-LOAD CELL CONWA	
all	5	54A705	SPHPLNBRG 1.5"= ROLLBRG#B24-L	
all	6	04 24445	BALL BUSHING HOUSING-CONWA	
all	7	04 24446	BALL BUSHING RETAINER-CONWA	
all	8	04 20654B	SHIM .375 THK-LOADCELL CONWA	
all	9	27A805	MACHINE FOOT 1-8UNX10 NGI#HX105-10-10	
all	10	15G248C	HXFINJAMNUT 1-8UNC2B ZINC GR2	
all	11	15U390P	FLATWASHER(USS STD) 1" ZNC P	
all	12	15K085	HEXCAPSCR 3/8-16UNC2AX3/4 GR5	
all	13	15U255	LOCKWASHER MEDIUM 3/8 ZINCPL	
all	14	15U241	FLATWASHER 13/32IDX1+3/4ODX14G	
all	15	15K162	HXCAPSCR 1/2-13UNC2AX1.5 GR5 P	
all	16	15G222B	HEXFLGNUT 1/2-13 ZINC SERRATED	
all	17	15K151	HXCAPSCR 1/2-13UNC2AX1.25 GR5	
all	18	15U280	FL+WASHER(USS STD)1/2 ZNC PL+D	
all	19	09BC09BRLQ	PLUG(FEMALE) CIRCULAR 9PIN CON	
all	20	09BC09CCMP	CLAMP CABLE CIRCULAR 9PIN CONN	

CBW Load Chute Assembly

Conlo / Conwa

Pellerin Milnor Corporation
P. O. Box 400, Kenner, LA 70063-0400

Litho in U.S.A.



NOTE:

1. **All belting, item 8, is to be trimmed upon installation to fit the CBW Load Chute properly.**

2. **Belting, item 8, must extend into CBW Load Chute at least 8" [203].**

Pellerin Milnor Corporation
P. O. Box 400, Kenner, LA 70063-0400
BMP880035/99217V (2 of 2)
Litho in U.S.A.

Parts List—CBW Load Chute Assembly

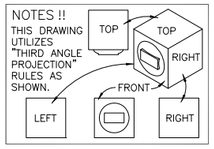
Find the correct assembly first, then find the needed components. The item letters (A, B, C, etc.) assigned to assemblies are referred to in the "Used In" column to identify which components belong to an assembly. The item numbers (1, 2, 3, etc.) assigned to components relate the parts list to the illustration.

Used In	Item	Part Number	Description	Comments
			----------ASSEMBLIES----------	
	A	ALC36040	88493D CBW LOAD CHUTE ASSY	
			----------COMPONENTS----------	
all	1	04 20671	91423D CBW LOAD CHUTE MIDDLE PANEL	
all	2	04 20672	91252D CBW LOAD CHUTE LEFT SIDE	
all	3	04 20672A	91252# CBW LOAD CHUTE RIGHT SIDE	
all	4	04 20673	88367T CBW LOAD CHUTE-CORNER PLATE	
all	5	04 20675A	88251# CBW LOAD CHUTE BELT STRAP LF	
all	6	04 20675	88251B CBW LOAD CHUTE BELT STRAP RT	
all	7	04 20674	88251B CBW LOAD CHUTE BELT STRAP MD	
all	8	04 20676A	92433B*CBW BELT FLAP-SIDES AND MID	
all	9	15K083V	BUTSOKCAPSCR 3/8-16X3/4 SS18-8	
all	10	15U260	LOCKWASHER MEDIUM 3/8 SS18-8	
all	11	15G206	HEXNUT 3/8-16 UNC2 SS 18-8	
all	12	15N176A	TRUSSCR 1/4-2OUNCX3/4 SS18-8	
all	13	15G170	HEXNUT 1/4-20UNC2 SS18-8	
all	14	15U181	LOCKWASHER MEDIUM 1/4 SS18-8	
all	15	15U188	01Z FLTWASH 1/4 STD COMM SS18-8	
all	16	04 20680	88487C DISCHARGE CHUTE STIFFENER BK	
all	17	15K083V	BUTSOKCAPSCR 3/8-16X3/4 SS18-8	
all	18	15U260	LOCKWASHER MEDIUM 3/8 SS18-8	
all	19	15G206	HEXNUT 3/8-16 UNC2 SS 18-8	
all	20	15U241S	FLATWASH 13/32ID 7/8OD 18GA S/S	

Parts List, cont.—CBW Load Chute Assembly

Used In	Item	Part Number	Description	Comments

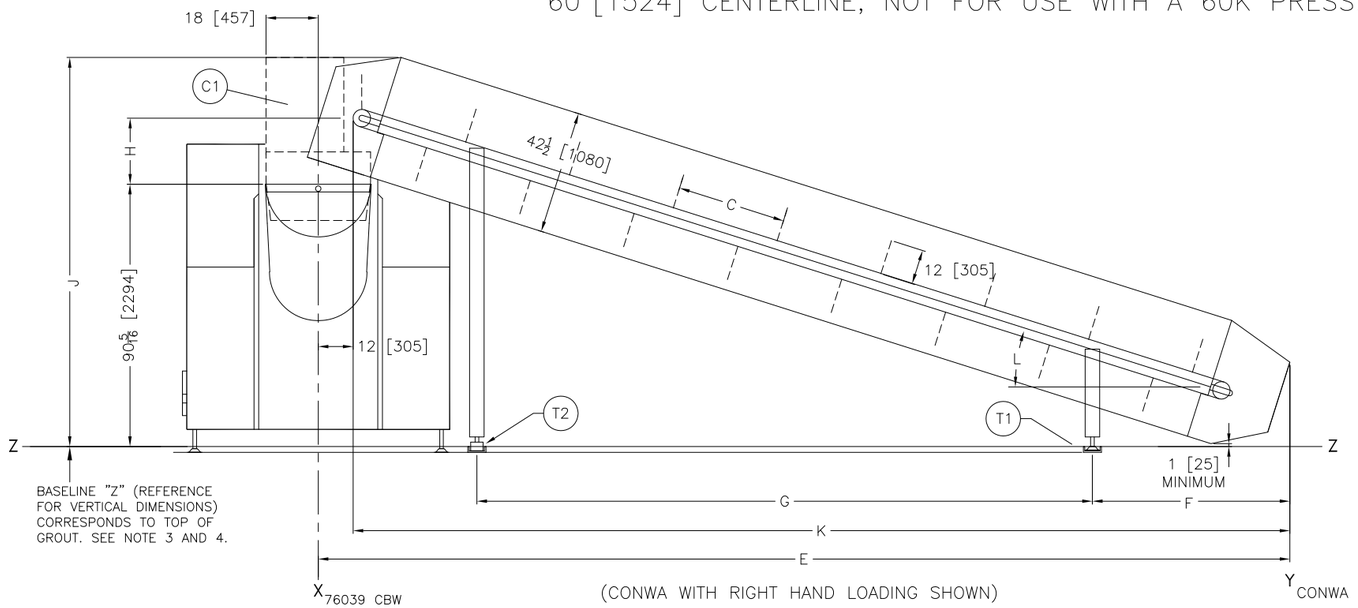
Installation 3



DIMENSIONS THAT VARY WITH MACHINE MODEL

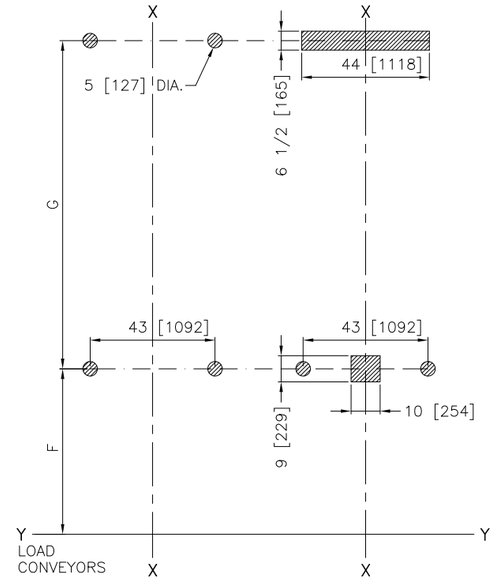
MODEL No.	CONVEYOR UNITS	DIMENSION "C" INCHES	DIMENSION "C" mm	DIMENSION "E" INCHES	DIMENSION "E" mm	DIMENSION "F" INCHES	DIMENSION "F" mm	DIMENSION "G" INCHES	DIMENSION "G" mm	DIMENSION "H" INCHES	DIMENSION "H" mm	DIMENSION "J" INCHES	DIMENSION "J" mm	DIMENSION "K" INCHES	DIMENSION "K" mm	DIMENSION "L" ANGLE/DEGREES
304	4'+9'	39	991	174	4423	53	1346	72	1829	28 3/4	730	138	3523	162	4118	37°
305	7'+9'	38 1/2	976	217	5520	55	1397	110	2794	25 3/4	629	135	3429	205	5215	29°
306	9'+9'	36 1/2	927	244	6214	56	1422	135	3429	24 3/4	629	134	3404	232	5909	25°
307	7'+7'+7'	36	914	284	7210	57	1448	173	4394	23 3/4	603	134	3404	272	6905	21°
308	9'+7'+9'	37 1/2	953	334	8499	68	1727	212	5385	22 3/4	578	134	3404	322	8194	18°
309	9'+9'+9'	36	914	359	9131	68	1727	237	6020	22 3/4	578	134	3404	347	8826	16°
310	9'+9'+4'+9'	37 1/2	953	409	10385	68	1727	285	7239	22 3/4	578	135	3428	397	10080	14°
311	9'+9'+7'+9'	37	940	446	11319	68	1727	322	8179	22 3/4	578	135	3428	433	11014	13°
312	9'+9'+9'+9'	36	914	470	11940	68	1727	346	8788	22 3/4	578	135	3428	458	11635	12°

DIMENSIONS ONLY FOR 50K CONLO/CONWA LOADING TUNNELS AT 60"[1524] CENTERLINE, NOT FOR USE WITH A 60K PRESS.

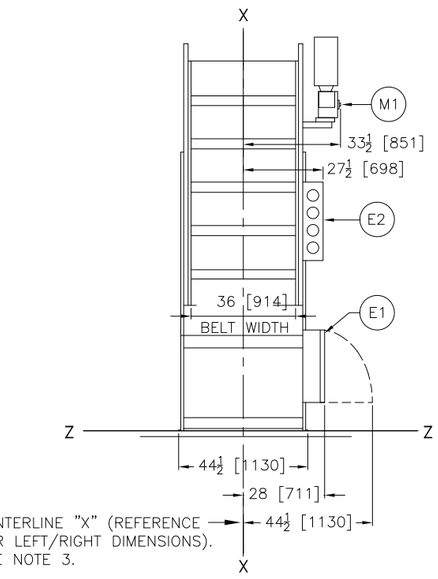


(CONWA WITH RIGHT HAND LOADING SHOWN)

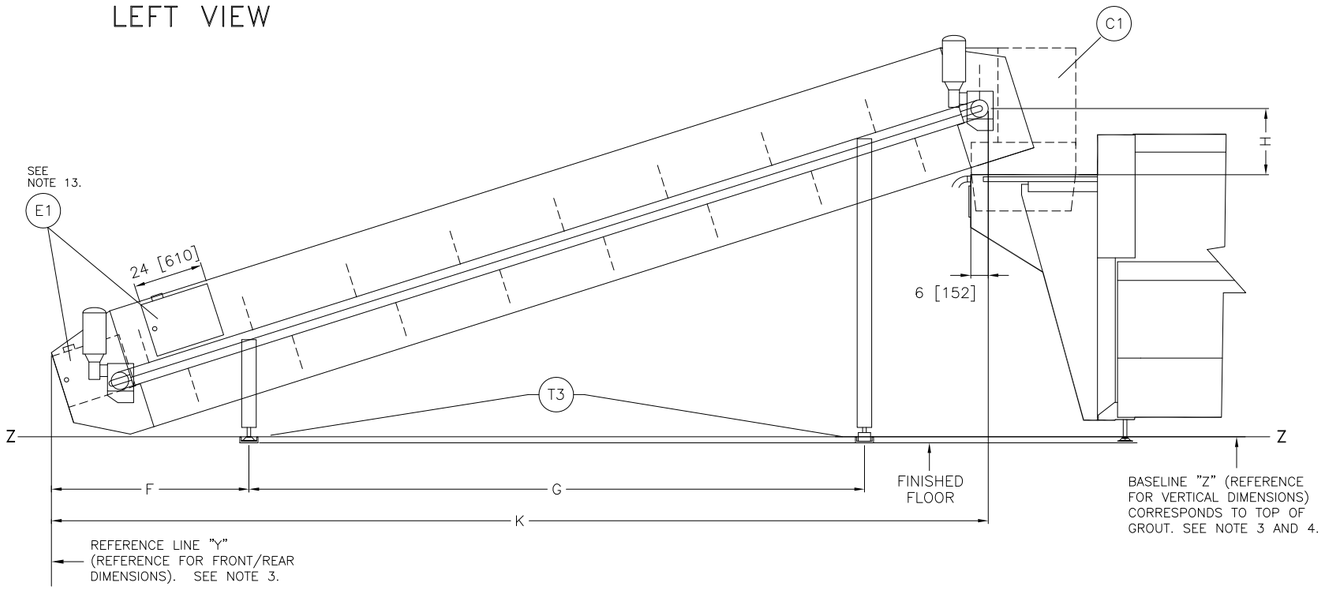
LEFT VIEW



PLAN VIEW



FRONT VIEW



RIGHT VIEW

(CONLO WITH STRAIGHT–IN LOADING SHOWN)

ITEM	LEGEND
T3	CONLO SUPPORTS.
T2	PIVOTING BASE FOR CONWA ONLY.
T1	WEIGHT SCALE FOR CONWA ONLY.
M1	DRIVE MOTOR
E2	CONWA LIGHTS, CONWA MODEL ONLY. SEE NOTE 3.
E1	ELECTRIC BOX (ELECTRICAL POWER CONNECTION)
C1	LOAD CHUTE ASSEMBLY, INSTALLED AT INSTALLATION

NOTES

13 ELECTRIC BOX IS LOCATED IN FRONTMOST POSITION (SHOWN DASHED) IN MODELS 306 AND SHORTER. MODELS 307 & LONGER REQUIRE A LOAD END DRIVE MOTOR AND THE ELECTRIC BOX MOUNTED TO THE SIDE PANEL, (SHOWN SOLID).

12 INSTALL WEIGH SCALE ASSEMBLY 3/8" [10] ABOVE FINISHED FLOOR.

11 CONWA LIGHTS AID OPERATOR TO REACH CORRECT LOAD WEIGHT. THE LIGHTS ARE ARE MOUNTED ON THE SAME SIDE AS THE CONTROL BOX, APPROXIMATELY MIDWAY ON THE CONVEYOR WHEN SHIPPED.
NOTE: CONWAH LIGHTS MAY BE HIGHEST POINT ON CONVEYOR AND SHOULD BE CONSIDERED WHEN PLANNING VERTICAL CLEARANCE.
LIGHTS MAY BE LOCATED ANYWHERE ALONG CONVEYOR LENGTH, AND ANGLE OF VIEW IS ADJUSTABLE.

10 DO NOT SET THE CONLO\CONWA IN PLACE UNTIL THE CBW HAS BEEN INSTALLED. INTERFACING DIMENSIONAL DRAWING FOR MORE DETAILS.

9 ELECTRICAL BOX AND DRIVE MOTORS ARE USUALLY MOUNTED ON RIGHT HAND SIDE OF CONVEYOR (LEFT LOADING). FOR (RIGHT LOADING), ELECTRICAL BOX AND DRIVE MOTORS ARE MOUNTED OF LEFT HAND SIDE OF CONVEYOR. ELECTRIC BOX AND DRIVE MOTORS MAY BE ON EITHER SIDE AS SPECIFIED.

8 WHEN LOADING IS OTHER THAN STRAIGHT–IN OR 90° FROM CBW (I.E. WHEN CONVEYOR ADDRESSES WASHER DIAGONNALY) REFER TO FACTORY FOR SPECIAL REQUIREMENTS.

7 SEE CBW DIMENSIONAL DRAWINGS FOR STANDARD LOAD CHUTE CONFIGURATION.

6 AS OF THIS WRITING, THE MINIMUM CLEARANCE REQUIRED BY U.S. NATIONAL ELECTRIC CODES, FROM ELECTRIC BOX TO ANY OBJECT IS:
36 [914] IF OBJECT IS AN UNGROUNDED (INSULATED) WALL.
42 [1067] IF OBJECT IS A GROUNDED WALL (ie. BARE CONCRETE, BRICK, ETC.)
48 [1219] IF OBJECT IS ANY LIVE PART.
CHECK LOCAL ELECTRIC CODES FOR FURTHER RESTRICTIONS.

5 CUSTOMER TO SUPPLY CIRCUIT BREAKER OR FUSED BRANCH CIRCUIT DISCONNECT (SAFETY) SWITCHES WITH LAG TYPE FUSES FROM POWER SOURCE TO MACHINE. A SEPARATE GROUND WIRE MUST BE CONNECTED FROM DISCONNECT TO EQUIPMENT.

4 BASELINE "Z" IS THE REFERENCE FOR ALL VERTICAL DIMENSIONS. ON MACHINES WITH WITH FIXED BASE PADS, BASELINE "Z" CORRESPONDS TO THE BOTTOM OF THE BASE PAD. ON MACHINES WITH ADJUSTABLE FEET, BASELINE "Z" CORRESPONDS TO THE BOTTOM OF THE FEET WHEN ADJUSTED SO THAT THE MACHINE IS AT ITS MINIMUM ACCEPTABLE HEIGHT. ON TRAVERSING SHUTTLES, BASELINE "Z" CORRESPONDS TO THE BOTTOM OF THE BOTTOM RAIL. THE DISTANCE BETWEEN BASELINE "Z" AND THE FINISHED FLOOR WILL VARY AS REQUIRED TO ENSURE BASELINE "Z" IS HORIZONTAL AND ANY INTERFACING MACHINES REQUIRING GROUT ARE SET ON A MINIMUM 1"[25] THICK GROUT BED.

3 USE REFERENCE LINES "X", "Y", AND "Z" TO LOCATE ALL SERVICE CONNECTIONS.

2 NUMBERS IN BRACKETS [] DENOTE DIMENSIONS IN MILLIMETERS.

1 ALL DIMENSIONS SHOWN ARE APPROXIMATE, SUBJECT TO NORMAL MANUFACTURING TOLERANCES, AND TO OCCASIONAL CHANGES WITHOUT NOTICE THROUGH REDESIGN AND/OR RELOCATION OF COMPONENTS, ETC. DO NOT USE FOR CONSTRUCTION UNLESS CERTIFIED, AND IN NO EVENT PRE–PIPE CLOSER THAN FIVE FEET FROM MACHINE. FACTORY MUST BE CONSULTED FOR DIMENSIONS IF MACHINE IS TO BE MOVED THROUGH NARROW OR LOW CORRIDORS OR OPENINGS.

ATTENTION

MOST REGULATORY AUTHORITIES (INCLUDING OSHA IN THE USA) HOLD THE OWNER/USER ULTIMATELY RESPONSIBLE TO MAINTAIN A SAFE WORKING ENVIRONMENT. ACCORDINGLY, THE OWNER/USER MUST RECOGNIZE ALL FORESEEABLE SAFETY HAZARDS, FURNISH SAFETY INSTRUCTIONS AND GUIDANCE TO ALL PERSONNEL WHO MAY COME IN CONTACT WITH THE INSTALLATION, AND PROVIDE ALL NECESSARY ADDITIONAL SAFETY GUARDS, FENCES, RESTRAINTS, DEVICES, ETC., NOT FURNISHED BY THE EQUIPMENT MANUFACTURER OR VENDOR.

ATTENTION

THE FLOOR AND/OR OTHER SUPPORT COMPONENTS MUST HAVE SUFFICIENT STRENGTH (AND RIGIDITY WITH DUE CONSIDERATION FOR NATURAL OR RESONANT FREQUENCY THEREOF) TO WITHSTAND THE FULLY LOADED WEIGHT OF THE MACHINE INCLUDING THE GOODS, THE WATER, AND ANY REPEATED SINUSOIDAL (ROTATING) FORCES GENERATED DURING ITS OPERATION. WRITE THE FACTORY FOR ADDITIONAL MACHINE DATA FOR USE BY A COMPETENT SOIL AND/OR STRUCTURAL ENGINEER.

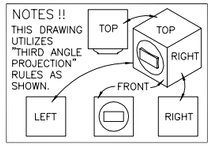
50K CONLO/CONWA

DM 0 0.5M 1M
INCHES 0 12 24 36

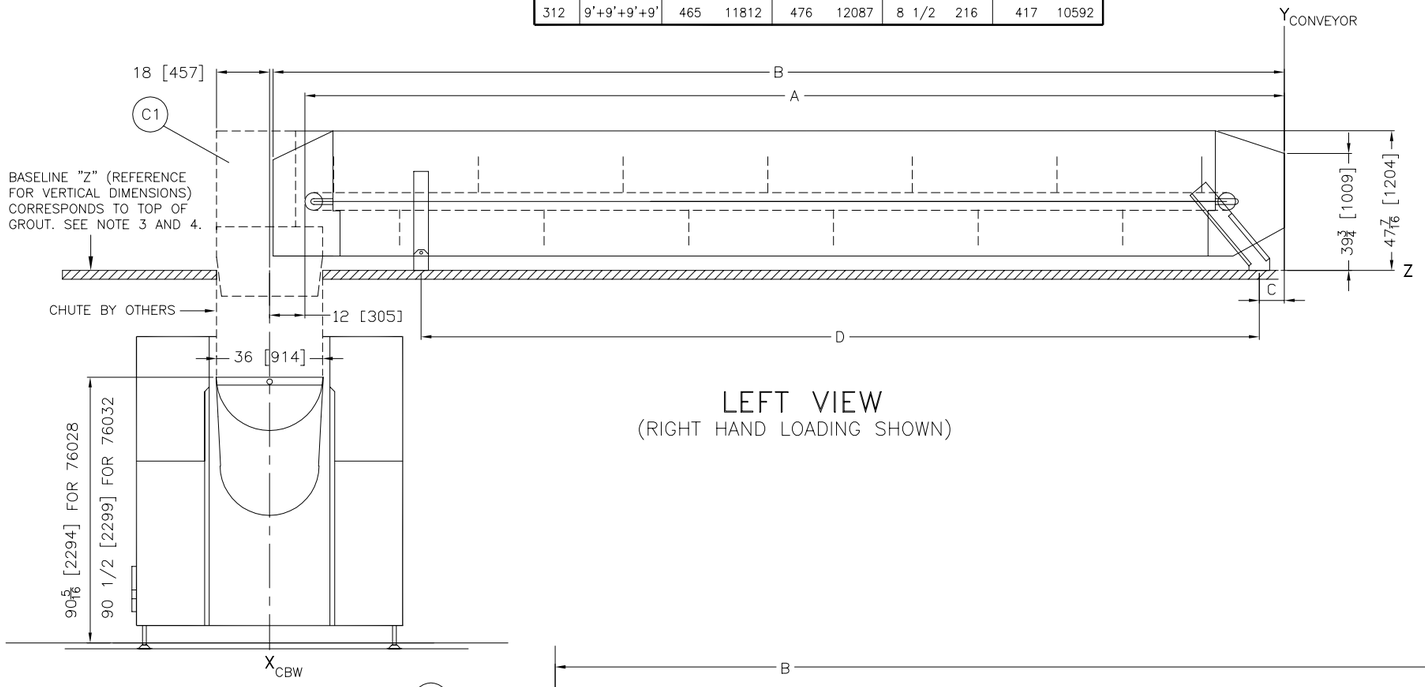
DWG# BD50KCONAE 2015064D

PELLERIN MILNOR CORPORATION
P.O. Box 400 Kenner, LA 70063, USA, Phone 504/467–9591.
FAX 504/469–1849, Telex ITT 460124/PELM UI, Cable PELMILNOR

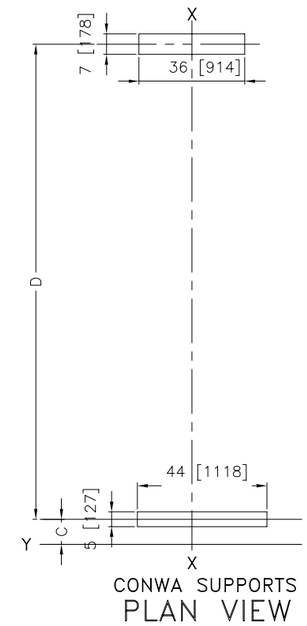
NOTES !!
THIS DRAWING UTILIZES "THIRD ANGLE PROJECTION" RULES AS SHOWN.



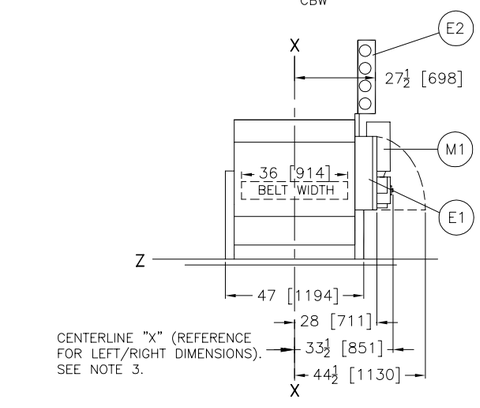
DIMENSIONS THAT VARY WITH MACHINE MODEL									
MODEL No.	CONVEYOR UNITS	DIMENSION "A"		DIMENSION "B"		DIMENSION "C"		DIMENSION "D"	
		INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm
304	4'+9'	189	4802	200	5077	8 1/2	216	141	3581
305	7'+9'	225	5716	236	5991	8 1/2	216	177	4496
306	9'+9'	249	6326	260	6601	8 1/2	216	201	5105
307	7'+7'+7'	285	7240	296	7515	8 1/2	216	237	6020
308	9'+7'+9'	333	8460	344	8734	8 1/2	216	285	7239
309	9'+9'+9'	357	9069	368	9344	8 1/2	216	309	7848
310	9'+9'+4'+9'	405	10288	416	10563	8 1/2	216	357	9068
311	9'+9'+7'+9'	441	11203	452	11477	8 1/2	216	393	9982
312	9'+9'+9'+9'	465	11812	476	12087	8 1/2	216	417	10592



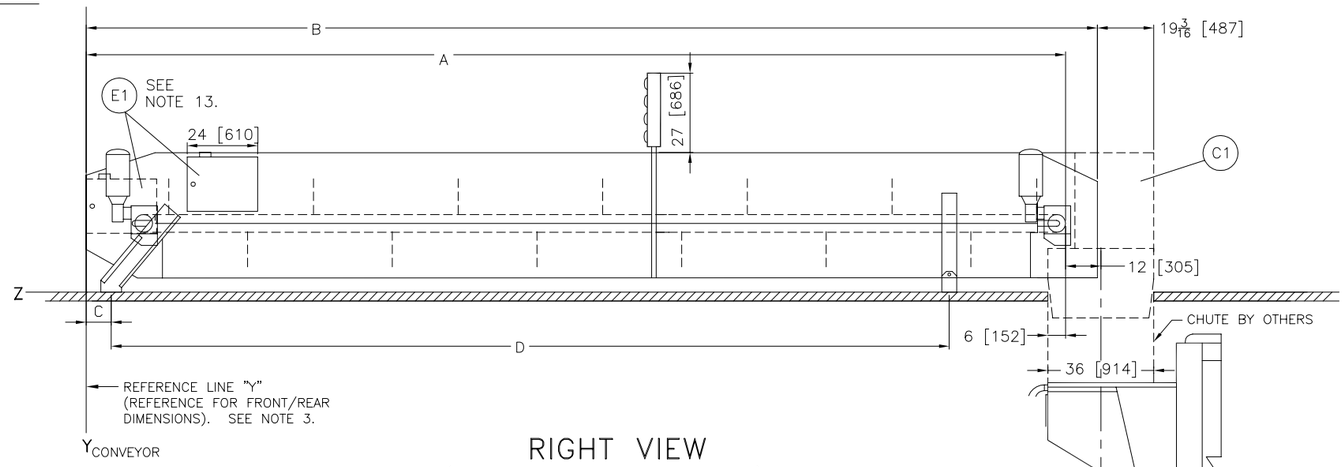
LEFT VIEW
(RIGHT HAND LOADING SHOWN)



CONWA SUPPORTS
PLAN VIEW



FRONT VIEW



RIGHT VIEW
(STRAIGHT–IN LOADING SHOWN)

ITEM	LEGEND
T3	CONLO SUPPORTS.
T2	PIVOTING BASE FOR CONWA ONLY.
T1	WEIGHT SCALE FOR CONWA ONLY.
M1	DRIVE MOTOR
E2	CONWA LIGHTS, CONWA MODEL ONLY. SEE NOTE 3.
E1	ELECTRIC BOX (ELECTRICAL POWER CONNECTION)
C1	LOAD CHUTE ASSEMBLY, INSTALLED AT INSTALLATION

NOTES

13 ELECTRIC BOX IS LOCATED IN FRONTMOST POSITION (SHOWN DASHED) IN MODELS 306 AND SHORTER. MODELS 307 & LONGER REQUIRE A LOAD END DRIVE MOTOR AND THE ELECTRIC BOX MOUNTED TO THE SIDE PANEL, (SHOWN SOLID).

12 INSTALL WEIGH SCALE ASSEMBLY 3/8" [10] ABOVE FINISHED FLOOR.

11 CONWA LIGHTS AID OPERATOR TO REACH CORRECT LOAD WEIGHT. THE LIGHTS ARE ARE MOUNTED ON THE SAME SIDE AS THE CONTROL BOX, APPROXIMATELY MIDWAY ON THE CONVEYOR WHEN SHIPPED.
NOTE: CONWA LIGHTS MAY BE HIGHEST POINT ON CONVEYOR AND SHOULD BE CONSIDERED WHEN PLANNING VERTICAL CLEARANCE. LIGHTS MAY BE LOCATED ANYWHERE ALONG CONVEYOR LENGTH, AND ANGLE OF VIEW IS ADJUSTABLE.

10 DO NOT SET THE CONLO\CONWA IN PLACE UNTIL THE CBW HAS BEEN INSTALLED. INTERFACING DIMENSIONAL DRAWING FOR MORE DETAILS.

9 ELECTRICAL BOX AND DRIVE MOTOR ARE USUALLY MOUNTED ON RIGHT HAND SIDE OF CONVEYOR (SEE FRONT VIEW). HOWEVER, FOR A RIGHT HAND CONVEYOR LOADING (AS SHOWN IN LEFT SIDE VIEW) ELECTRICAL BOX AND DRIVE MOTOR ARE MOUNTED OF LEFT HAND SIDE OF CONVEYOR.

8 WHEN LOADING IS OTHER THAN STRAIGHT–IN OR 90° FROM CBW (I.E. WHEN CONVEYOR ADDRESSES WASHER DIAGONNALY) REFER TO FACTORY FOR SPECIAL REQUIREMENTS.

7 SEE CBW DIMENSIONAL DRAWINGS FOR STANDARD LOAD CHUTE CONFIGURATION.

6 AS OF THIS WRITING, THE MINIMUM CLEARANCE REQUIRED BY U.S. NATIONAL ELECTRIC CODES, FROM ELECTRIC BOX TO ANY OBJECT IS:
36 [914] IF OBJECT IS AN UNGROUNDED (INSULATED) WALL.
42 [1067] IF OBJECT IS A GROUNDED WALL (ie. BARE CONCRETE, BRICK, ETC.)
48 [1219] IF OBJECT IS ANY LIVE PART.
CHECK LOCAL ELECTRIC CODES FOR FURTHER RESTRICTIONS.

5 CUSTOMER TO SUPPLY CIRCUIT BREAKER OR FUSED BRANCH CIRCUIT DISCONNECT (SAFETY) SWITCHES WITH LAG TYPE FUSES FROM POWER SOURCE TO MACHINE. A SEPARATE GROUND WIRE MUST BE CONNECTED FROM DISCONNECT TO EQUIPMENT.

4 BASELINE "Z" IS THE REFERENCE FOR ALL VERTICAL DIMENSIONS. ON MACHINES WITH WITH FIXED BASE PADS, BASELINE "Z" CORRESPONDS TO THE BOTTOM OF THE BASE PAD. ON MACHINES WITH ADJUSTABLE FEET, BASELINE "Z" CORRESPONDS TO THE BOTTOM OF THE FEET WHEN ADJUSTED SO THAT THE MACHINE IS AT ITS MINIMUM ACCEPTABLE HEIGHT. ON TRAVERSING SHUTTLES, BASELINE "Z" CORRESPONDS TO THE BOTTOM OF THE BOTTOM RAIL. THE DISTANCE BETWEEN BASELINE "Z" AND THE FINISHED FLOOR WILL VARY AS REQUIRED TO ENSURE BASELINE "Z" IS HORIZONTAL AND ANY INTERFACING MACHINES REQUIRING GROUT ARE SET ON A MINIMUM 1"[25] THICK GROUT BED.

3 USE REFERENCE LINES "X", "Y", AND "Z" TO LOCATE ALL SERVICE CONNECTIONS.

2 NUMBERS IN BRACKETS [] DENOTE DIMENSIONS IN MILLIMETERS.

1 ALL DIMENSIONS SHOWN ARE APPROXIMATE, SUBJECT TO NORMAL MANUFACTURING TOLERANCES, AND TO OCCASIONAL CHANGES WITHOUT NOTICE THROUGH REDESIGN AND/OR RELOCATION OF COMPONENTS, ETC. DO NOT USE FOR CONSTRUCTION UNLESS CERTIFIED, AND IN NO EVENT PRE–PIPE CLOSER THAN FIVE FEET FROM MACHINE. FACTORY MUST BE CONSULTED FOR DIMENSIONS IF MACHINE IS TO BE MOVED THROUGH NARROW OR LOW CORRIDORS OR OPENINGS.

ATTENTION

MOST REGULATORY AUTHORITIES (INCLUDING OSHA IN THE USA) HOLD THE OWNER/USER ULTIMATELY RESPONSIBLE TO MAINTAIN A SAFE WORKING ENVIRONMENT. ACCORDINGLY, THE OWNER/USER MUST RECOGNIZE ALL FORESEEABLE SAFETY HAZARDS, FURNISH SAFETY INSTRUCTIONS AND GUIDANCE TO ALL PERSONNEL WHO MAY COME IN CONTACT WITH THE INSTALLATION, AND PROVIDE ALL NECESSARY ADDITIONAL SAFETY GUARDS, FENCES, RESTRAINTS, DEVICES, ETC., NOT FURNISHED BY THE EQUIPMENT MANUFACTURER OR VENDOR.

ATTENTION

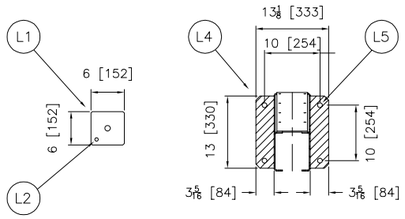
THE FLOOR AND/OR OTHER SUPPORT COMPONENTS MUST HAVE SUFFICIENT STRENGTH (AND RIGIDITY WITH DUE CONSIDERATION FOR NATURAL OR RESONANT FREQUENCY THEREOF) TO WITHSTAND THE FULLY LOADED WEIGHT OF THE MACHINE INCLUDING THE GOODS, THE WATER, AND ANY REPEATED SINUSOIDAL (ROTATING) FORCES GENERATED DURING ITS OPERATION. WRITE THE FACTORY FOR ADDITIONAL MACHINE DATA FOR USE BY A COMPETENT SOIL AND/OR STRUCTURAL ENGINEER.

50K CONLO/CONWA HORIZONTAL

DM 0 0.5M 1M
INCHES 0 12 24 36

DWG# BD50KCONAB 2004533D

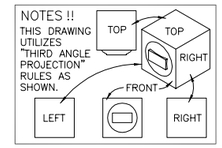
PELLERIN MILNOR CORPORATION
P.O. Box 400 Kenner, LA 70063, USA, Phone 504/467–9591,
FAX 504/469–1849, Telex ITT 460124/PELM UI, Cable PELMILNOR



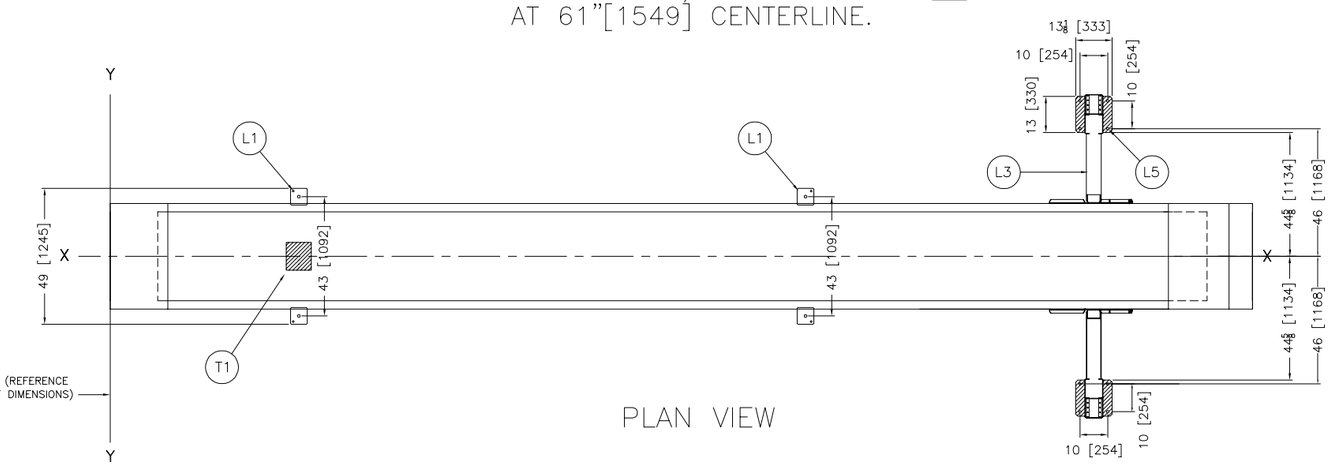
FOOTPAD DETAILS

DIMENSIONS THAT VARY WITH MACHINE MODEL																	
MODEL No.	CONVEYOR UNITS	DIMENSION "A"		DIMENSION "B"		DIMENSION "C"		DIMENSION "D"		DIMENSION "E"		DIMENSION "F"		DIMENSION "G"		DIMENSION "H"		DIMENSION "J"	
		INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm
304	4'+9'	168	4267	174	4420	202 15/16	5155	53	1346	75 5/8	1921	–	–	39	991	27 9/16	699	15 3/8	390
305	7'+9'	204	5182	210	5334	242 7/8	6169	55	1397	111 11/16	2820	–	–	38 1/2	978	25 1/2	648	15	381
306	9'+9'	228	5791	234	5944	269 5/8	6849	56	1422	137 3/16	3485	–	–	36 1/2	927	24 3/4	629	14	356
307	7'+7'+7'	264	6706	270	6858	308 3/16	7828	57	1448	173 13/16	4414	–	–	36	914	23 3/4	603	14	356
308	9'+7'+9'	312	7925	318	8077	359 7/16	9130	68	1727	213 1/8	5414	–	–	37 1/2	953	22 3/4	578	14	356
309	9'+9'+9'	336	8534	342	8687	384 1/4	9759	68	1727	237 3/16	6024	–	–	36	914	22 3/4	578	14	356
310	9'+4'+9'+9'	384	9754	390	9906	433 7/16	11010	68	1727	286 9/16	7278	104 1/4	2648	37 1/2	953	22 3/4	578	14	356
311	9'+7'+9'+9'	420	10668	426	10820	470 1/4	11944	68	1727	323 1/8	8207	104 7/16	2653	37	940	22 3/4	578	14	356
312	9'+9'+9'+9'	444	11278	450	11430	494 5/8	12563	68	1727	347 7/16	8824	104 3/4	2660	36	914	22 3/4	578	14	356

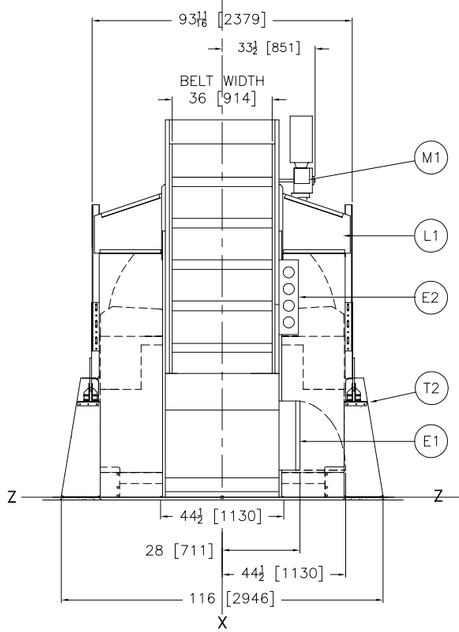
NOTES !!
THIS DRAWING UTILIZES "THIRD ANGLE PROJECTION" RULES AS SHOWN.



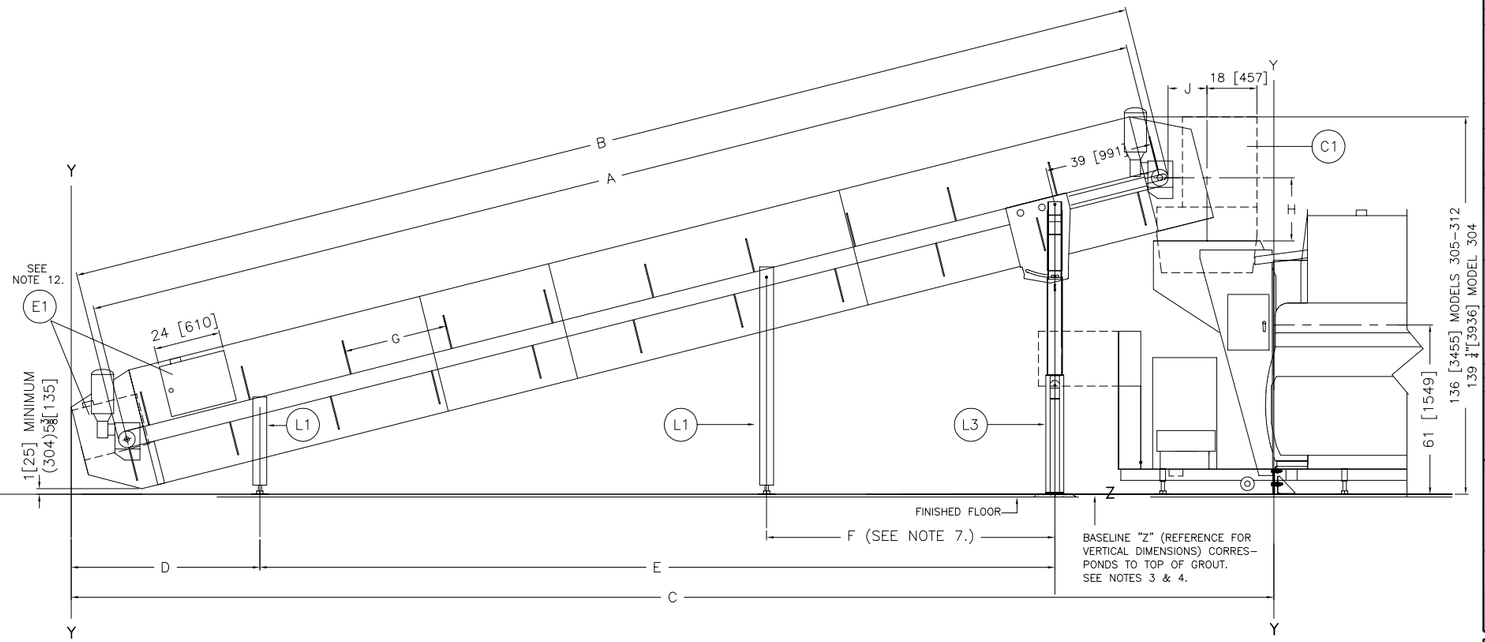
DIMENSIONS ONLY FOR 50K CONLO/CONWA LOADING G3 TUNNELS AT 61"[1549] CENTERLINE.



PLAN VIEW



FRONT VIEW



RIGHT SIDE VIEW

ITEM	LEGEND
L5	ANCHOR BOLT HOLES, 7/8"[22] DIAMETER
L4	FOOTPAD, G3 DISCHARGE LEG
L3	DISCHARGE LEGS USED WITH G3 TUNNELS ONLY.
L2	5/8"[16] DIAMETER ANCHOR BOLT HOLE FOR 1/2" BOLT
L1	STANDARD LEG SUPPORT & FOOTPAD
T3	CONLO SUPPORTS.
T2	PIVOT FOR CONWA ONLY.
T1	WEIGHT SCALE FOR CONWA ONLY.
M1	DRIVE MOTOR
E2	CONWA LIGHTS, CONWA MODEL ONLY. SEE NOTE 10.
E1	ELECTRIC BOX (ELECTRICAL POWER CONNECTION)
C1	LOAD CHUTE ASSEMBLY, INSTALLED AT INSTALLATION

NOTES

12 ELECTRIC BOX IS LOCATED IN FRONTMOST POSITION (SHOWN DASHED) IN MODELS 306 AND SHORTER. MODELS 307 & LONGER REQUIRE A LOAD END DRIVE MOTOR AND THE ELECTRIC BOX MOUNTED TO THE SIDE PANEL, (SHOWN SOLID).

11 INSTALL WEIGH SCALE ASSEMBLY 3/8" [10] ABOVE FINISHED FLOOR.

10 CONWA LIGHTS AID OPERATOR TO REACH CORRECT LOAD WEIGHT. THE LIGHTS ARE ARE MOUNTED ON THE SAME SIDE AS THE CONTROL BOX, APPROXIMATELY MIDWAY ON THE CONVEYOR WHEN SHIPPED.
NOTE: CONWA LIGHTS MAY BE HIGHEST POINT ON CONVEYOR AND SHOULD BE CONSIDERED WHEN PLANNING VERTICAL CLEARANCE.
LIGHTS MAY BE LOCATED ANYWHERE ALONG CONVEYOR LENGTH, AND ANGLE OF VIEW IS ADJUSTABLE.

9 DO NOT SET THE CONLO\CONWA IN PLACE UNTIL THE CBW HAS BEEN INSTALLED. INTERFACING DIMENSIONAL DRAWING FOR MORE DETAILS.

8 ELECTRICAL BOX AND DRIVE MOTOR ARE USUALLY MOUNTED ON RIGHT HAND SIDE OF CONVEYOR (SEE FRONT VIEW). HOWEVER, FOR A RIGHT HAND CONVEYOR LOADING (AS SHOWN IN LEFT SIDE VIEW AND FRONT VIEW) ELECTRICAL BOX AND DRIVE MOTOR ARE MOUNTED OF LEFT HAND SIDE OF CONVEYOR.

7 A THIRD PAIR OF LEGS IS USED ONLY ON 310 AND LONGER CONVEYORS.

6 AS OF THIS WRITING, THE MINIMUM CLEARANCE REQUIRED BY U.S. NATIONAL ELECTRIC CODES, FROM ELECTRIC BOX TO ANY OBJECT IS:
36 [914] IF OBJECT IS AN UNGROUNDED (INSULATED) WALL.
42 [1067] IF OBJECT IS A GROUNDED WALL (ie. BARE CONCRETE, BRICK, ETC.)
48 [1219] IF OBJECT IS ANY LIVE PART.
CHECK LOCAL ELECTRIC CODES FOR FURTHER RESTRICTIONS.

5 CUSTOMER TO SUPPLY CIRCUIT BREAKER OR FUSED BRANCH CIRCUIT DISCONNECT (SAFETY) SWITCHES WITH LAG TYPE FUSES FROM POWER SOURCE TO MACHINE. A SEPARATE GROUND WIRE MUST BE CONNECTED FROM DISCONNECT TO EQUIPMENT.

4 BASELINE "Z" IS THE SAME FOR ALL MILNOR MACHINES AND IS SHOWN ON ALL DIMENSIONAL DRAWINGS. THE DISTANCE BETWEEN BASELINE "Z" AND THE FINISHED FLOOR MAY VARY (WITH CHANGES IN FLOOR HEIGHT) AS REQUIRED TO INSURE THAT BASELINE "Z" IS HORIZONTAL AND ALL COMPONENTS REQUIRING GROUT ARE SET ON A MINIMUM 1" [25] THICK GROUT BED.

3 USE REFERENCE LINES "X", "Y", AND "Z" TO LOCATE ALL SERVICE CONNECTIONS.

2 NUMBERS IN BRACKETS [] DENOTE DIMENSIONS IN MILLIMETERS.

1 ALL DIMENSIONS SHOWN ARE APPROXIMATE, SUBJECT TO NORMAL MANUFACTURING TOLERANCES, AND TO OCCASIONAL CHANGES WITHOUT NOTICE THROUGH REDESIGN AND/OR RELOCATION OF COMPONENTS, ETC. DO NOT USE FOR CONSTRUCTION UNLESS CERTIFIED, AND IN NO EVENT PRE-PIPE CLOSER THAN FIVE FEET FROM MACHINE. FACTORY MUST BE CONSULTED FOR DIMENSIONS IF MACHINE IS TO BE MOVED THROUGH NARROW OR LOW CORRIDORS OR OPENINGS.

ATTENTION

MOST REGULATORY AUTHORITIES (INCLUDING OSHA IN THE USA) HOLD THE OWNER/USER ULTIMATELY RESPONSIBLE TO MAINTAIN A SAFE WORKING ENVIRONMENT. ACCORDINGLY, THE OWNER/USER MUST RECOGNIZE ALL FORESEEABLE SAFETY HAZARDS, FURNISH SAFETY INSTRUCTIONS AND GUIDANCE TO ALL PERSONNEL WHO MAY COME IN CONTACT WITH THE INSTALLATION, AND PROVIDE ALL NECESSARY ADDITIONAL SAFETY GUARDS, FENCES, RESTRAINTS, DEVICES, ETC., NOT FURNISHED BY THE EQUIPMENT MANUFACTURER OR VENDOR.

ATTENTION

THE FLOOR AND/OR OTHER SUPPORT COMPONENTS MUST HAVE SUFFICIENT STRENGTH (AND RIGIDITY WITH DUE CONSIDERATION FOR NATURAL OR RESONANT FREQUENCY THEREOF) TO WITHSTAND THE FULLY LOADED WEIGHT OF THE MACHINE INCLUDING THE GOODS, THE WATER, AND ANY REPEATED SINUSOIDAL (ROTATING) FORCES GENERATED DURING ITS OPERATION. WRITE THE FACTORY FOR ADDITIONAL MACHINE DATA FOR USE BY A COMPETENT SOIL AND/OR STRUCTURAL ENGINEER.

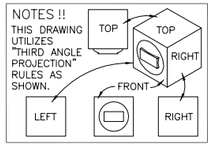
50K CONLO/CONWA-G3 TUNNEL

DM 0 0.5M 1M
INCHES 0 12 24 36

DWG# BD50KCG3AE
2005222D

PELLERIN MILNOR CORPORATION
P.O. Box 400 Kenner, LA 70063, USA, Phone 504/467-9591,
FAX 504/469-1849, Telex ITT 460124/PELM UI, Cable PELMILNOR

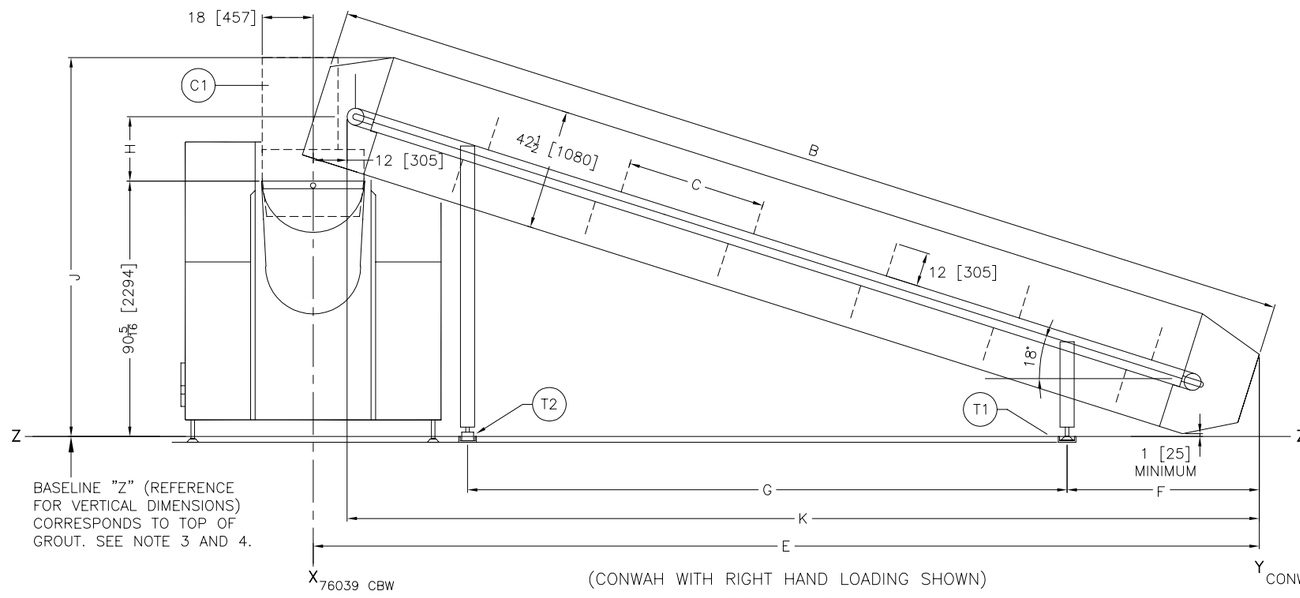
NOTES !!
THIS DRAWING UTILIZES "THIRD ANGLE PROJECTION" RULES AS SHOWN.



DIMENSIONS THAT VARY WITH MACHINE MODEL

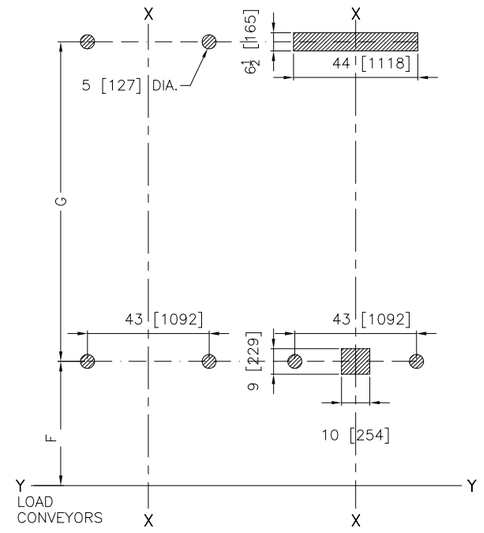
MODEL No.	CONVEYOR UNITS	DIMENSION "C"		DIMENSION "E"		DIMENSION "F"		DIMENSION "G"		DIMENSION "H"		DIMENSION "J"		DIMENSION "K"		DIMENSION "L"
		INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	ANGLE/DEGREES
303H	4'+9'	50 1/4	1276	174	4423	53	1346	72	1829	28 3/4	730	138	3523	162	4118	37°
304H	9'+9'	52 7/16	1332	244	6214	56	1422	135	3429	24 3/4	629	134	3404	232	5909	25°
305H	7'+7'+7'	49 7/16	1256	284	7210	57	1448	173	4394	23 3/4	603	134	3404	272	6905	21°
306H	9'+7'+9'	49 3/16	1249	334	8499	68	1727	212	5385	22 3/4	578	134	3404	322	8194	18°
307H	9'+9'+9'	45 7/8	1165	359	9131	68	1727	237	6020	22 3/4	578	134	3404	347	8826	16°
308H	9'+9'+4'+9'	46 1/8	1172	409	10385	68	1727	285	7239	22 3/4	578	135	3428	397	10080	14°
309H	9'+9'+7'+9'	45	1143	446	11319	68	1727	322	8179	22 3/4	578	135	3428	433	11014	13°
310H	9'+9'+9'+9'	43	1092	470	11940	68	1727	346	8788	22 3/4	578	135	3428	458	11635	12°

DIMENSIONS ONLY FOR 60K CONLOH/CONWAH LOADING TUNNELS AT 60"[1524] CENTERLINE, NOT FOR USE WITH A 60K PRESS.



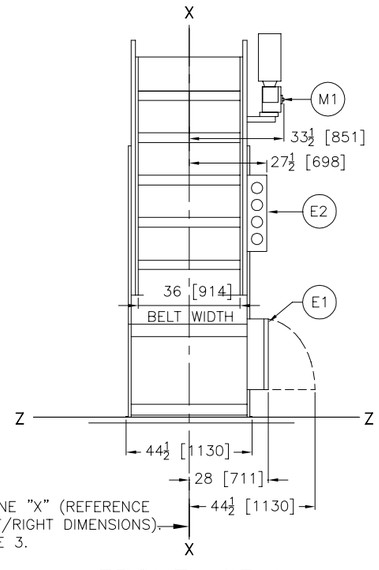
(CONWAH WITH RIGHT HAND LOADING SHOWN)

LEFT VIEW

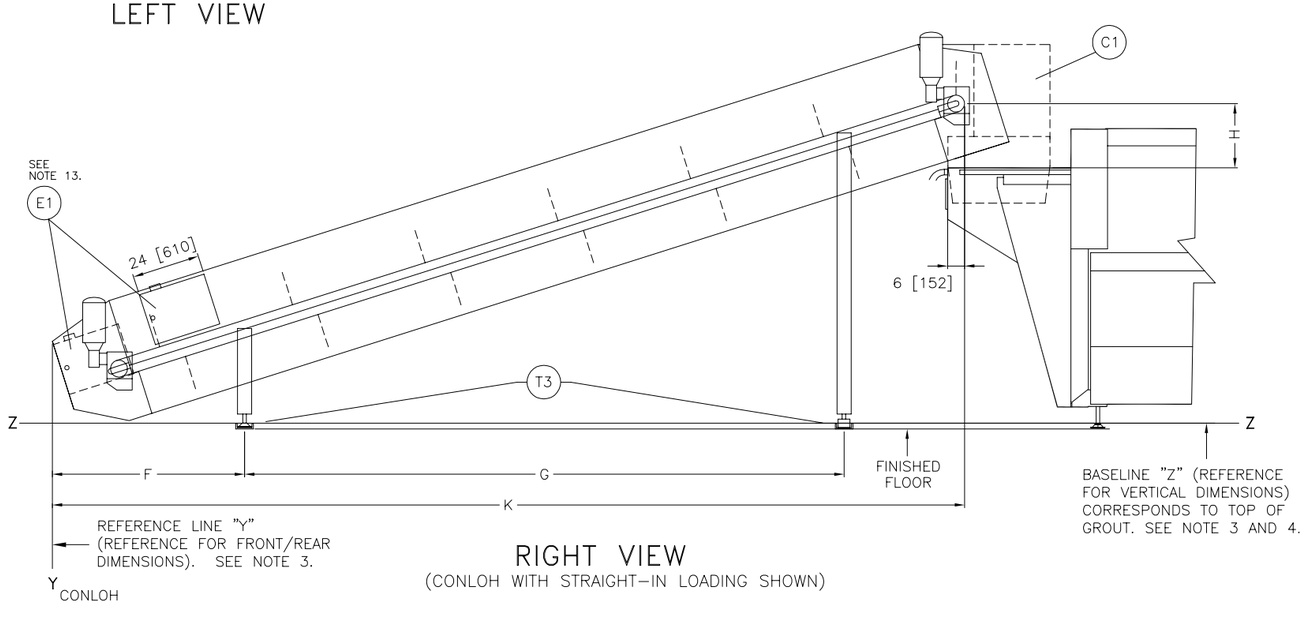


CONLOH SUPPORTS CONWAH SUPPORTS

PLAN VIEW



FRONT VIEW



RIGHT VIEW

(CONLOH WITH STRAIGHT-IN LOADING SHOWN)

ITEM	LEGEND
T3	CONLOH SUPPORTS.
T2	PIVOTING BASE FOR CONWAH ONLY.
T1	WEIGHT SCALE FOR CONWAH ONLY.
M1	DRIVE MOTOR
E2	CONWAH LIGHTS, CONWAH MODEL ONLY. SEE NOTE 3.
E1	ELECTRIC BOX (ELECTRICAL POWER CONNECTION)
C1	LOAD CHUTE ASSEMBLY, INSTALLED AT INSTALLATION

NOTES

13 ELECTRIC BOX IS LOCATED IN FRONTMOST POSITION (SHOWN DASHED) IN MODELS 304H AND SHORTER. MODELS 305H & LONGER REQUIRE A LOAD END DRIVE MOTOR AND THE ELECTRIC BOX MOUNTED TO THE SIDE PANEL, (SHOWN SOLID).

12 INSTALL WEIGH SCALE ASSEMBLY 3/8" [10] ABOVE FINISHED FLOOR.

11 CONWAH LIGHTS AID OPERATOR TO REACH CORRECT LOAD WEIGHT. THE LIGHTS ARE ARE MOUNTED ON THE SAME SIDE AS THE CONTROL BOX, APPROXIMATELY MIDWAY ON THE CONVEYOR WHEN SHIPPED.
NOTE: CONWAH LIGHTS MAY BE HIGHEST POINT ON CONVEYOR AND SHOULD BE CONSIDERED WHEN PLANNING VERTICAL CLEARANCE.
LIGHTS MAY BE LOCATED ANYWHERE ALONG CONVEYOR LENGTH, AND ANGLE OF VIEW IS ADJUSTABLE.

10 DO NOT SET THE CONLOH\CONWAH IN PLACE UNTIL THE CBW HAS BEEN INSTALLED. INTERFACING DIMENSIONAL DRAWING FOR MORE DETAILS.

9 ELECTRICAL BOX AND DRIVE MOTORS ARE USUALLY MOUNTED ON RIGHT HAND SIDE OF CONVEYOR (LEFT LOADING). FOR (RIGHT LOADING), ELECTRICAL BOX AND DRIVE MOTORS ARE MOUNTED OF LEFT HAND SIDE OF CONVEYOR. ELECTRIC BOX AND DRIVE MOTORS MAY BE ON EITHER SIDE AS SPECIFIED.

8 WHEN LOADING IS OTHER THAN STRAIGHT-IN OR 90° FROM CBW (I.E. WHEN CONVEYOR ADDRESSES WASHER DIAGONNALY) REFER TO FACTORY FOR SPECIAL REQUIREMENTS.

7 SEE CBW DIMENSIONAL DRAWINGS FOR STANDARD LOAD CHUTE CONFIGURATION.

6 AS OF THIS WRITING, THE MINIMUM CLEARANCE REQUIRED BY U.S. NATIONAL ELECTRIC CODES, FROM ELECTRIC BOX TO ANY OBJECT IS:
36 [914] IF OBJECT IS AN UNGROUNDED (INSULATED) WALL.
42 [1067] IF OBJECT IS A GROUNDED WALL (ie. BARE CONCRETE, BRICK, ETC.)
48 [1219] IF OBJECT IS ANY LIVE PART.
CHECK LOCAL ELECTRIC CODES FOR FURTHER RESTRICTIONS.

5 CUSTOMER TO SUPPLY CIRCUIT BREAKER OR FUSED BRANCH CIRCUIT DISCONNECT (SAFETY) SWITCHES WITH LAG TYPE FUSES FROM POWER SOURCE TO MACHINE. A SEPARATE GROUND WIRE MUST BE CONNECTED FROM DISCONNECT TO EQUIPMENT.

4 BASELINE "Z" IS THE REFERENCE FOR ALL VERTICAL DIMENSIONS. ON MACHINES WITH WITH FIXED BASE PADS, BASELINE "Z" CORRESPONDS TO THE BOTTOM OF THE BASE PAD. ON MACHINES WITH ADJUSTABLE FEET, BASELINE "Z" CORRESPONDS TO THE BOTTOM OF THE FEET WHEN ADJUSTED SO THAT THE MACHINE IS AT ITS MINIMUM ACCEPTABLE HEIGHT. ON TRAVERSING SHUTTLES, BASELINE "Z" CORRESPONDS TO THE BOTTOM OF THE BOTTOM RAIL. THE DISTANCE BETWEEN BASELINE "Z" AND THE FINISHED FLOOR WILL VARY AS REQUIRED TO ENSURE BASELINE "Z" IS HORIZONTAL AND ANY INTERFACING MACHINES REQUIRING GROUT ARE SET ON A MINIMUM 1"[25] THICK GROUT BED.

3 USE REFERENCE LINES "X", "Y", AND "Z" TO LOCATE ALL SERVICE CONNECTIONS.

2 NUMBERS IN BRACKETS [] DENOTE DIMENSIONS IN MILLIMETERS.

1 ALL DIMENSIONS SHOWN ARE APPROXIMATE, SUBJECT TO NORMAL MANUFACTURING TOLERANCES, AND TO OCCASIONAL CHANGES WITHOUT NOTICE THROUGH REDESIGN AND/OR RELOCATION OF COMPONENTS, ETC. DO NOT USE FOR CONSTRUCTION UNLESS CERTIFIED, AND IN NO EVENT PRE-PIPE CLOSER THAN FIVE FEET FROM MACHINE. FACTORY MUST BE CONSULTED FOR DIMENSIONS IF MACHINE IS TO BE MOVED THROUGH NARROW OR LOW CORRIDORS OR OPENINGS.

ATTENTION

MOST REGULATORY AUTHORITIES (INCLUDING OSHA IN THE USA) HOLD THE OWNER/USER ULTIMATELY RESPONSIBLE TO MAINTAIN A SAFE WORKING ENVIRONMENT. ACCORDINGLY, THE OWNER/USER MUST RECOGNIZE ALL FORESEEABLE SAFETY HAZARDS, FURNISH SAFETY INSTRUCTIONS AND GUIDANCE TO ALL PERSONNEL WHO MAY COME IN CONTACT WITH THE INSTALLATION, AND PROVIDE ALL NECESSARY ADDITIONAL SAFETY GUARDS, FENCES, RESTRAINTS, DEVICES, ETC., NOT FURNISHED BY THE EQUIPMENT MANUFACTURER OR VENDOR.

ATTENTION

THE FLOOR AND/OR OTHER SUPPORT COMPONENTS MUST HAVE SUFFICIENT STRENGTH (AND RIGIDITY WITH DUE CONSIDERATION FOR NATURAL OR RESONANT FREQUENCY THEREOF) TO WITHSTAND THE FULLY LOADED WEIGHT OF THE MACHINE INCLUDING THE GOODS, THE WATER, AND ANY REPEATED SINUSOIDAL (ROTATING) FORCES GENERATED DURING ITS OPERATION. WRITE THE FACTORY FOR ADDITIONAL MACHINE DATA FOR USE BY A COMPETENT SOIL AND/OR STRUCTURAL ENGINEER.

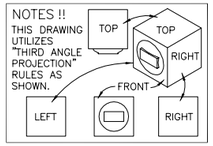
60K CONLOH/CONWAH

DM 0 0.5M 1M
INCHES 0 12 24 36

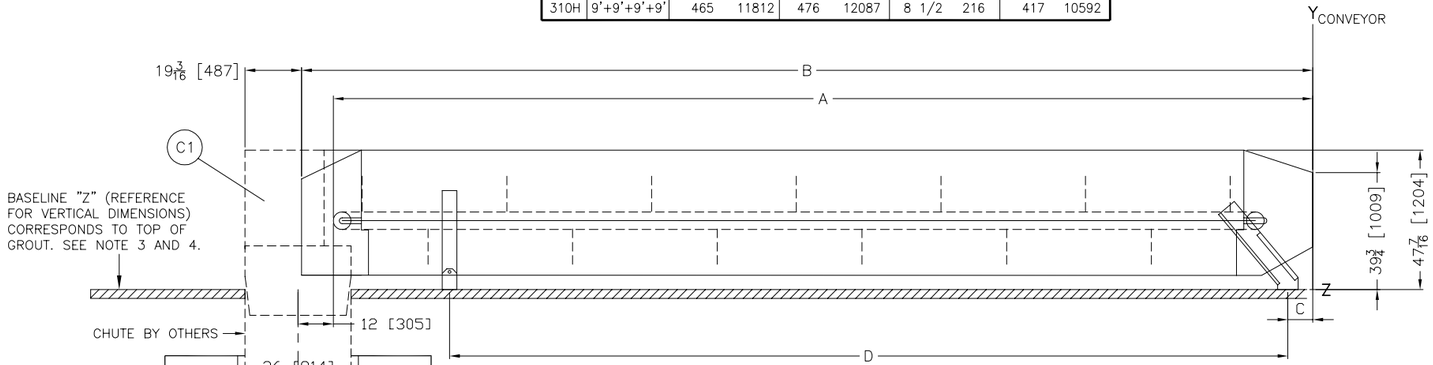
DWG# BD60KCONAE 2004533D

PELLERIN MILNOR CORPORATION
P.O. Box 400 Kenner, LA 70063, USA, Phone 504/467-9591,
FAX 504/469-1849, Telex ITT 460124/PELM UI, Cable PELMILNOR

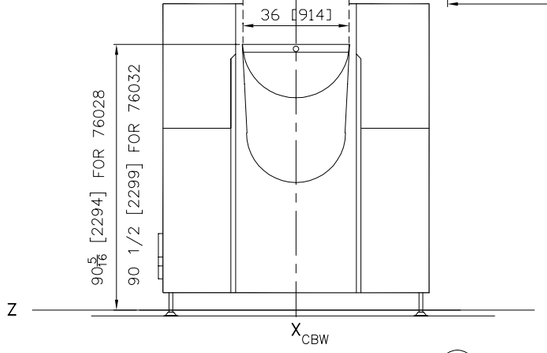
NOTES !!
THIS DRAWING UTILIZES "THIRD ANGLE PROJECTION" RULES AS SHOWN.

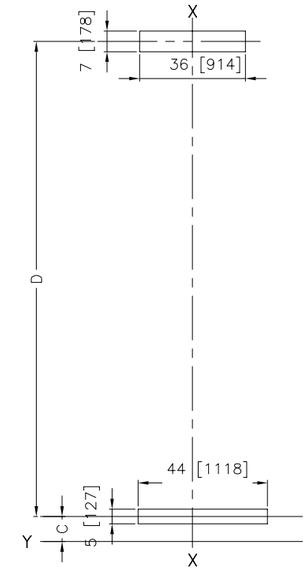


DIMENSIONS THAT VARY WITH MACHINE MODEL									
MODEL No.	CONVEYOR UNITS	DIMENSION "A"		DIMENSION "B"		DIMENSION "C"		DIMENSION "D"	
		INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm
303H	4'+9'	189	4802	200	5077	8 1/2	216	141	3581
304H	9'+9'	249	6326	260	6601	8 1/2	216	201	5105
305H	7'+7'+7'	285	7240	296	7515	8 1/2	216	237	6020
306H	9'+7'+9'	333	8460	344	8734	8 1/2	216	285	7239
307H	9'+9'+9'	357	9069	368	9344	8 1/2	216	309	7848
308H	9'+9'+4'+9'	405	10288	416	10563	8 1/2	216	357	9068
309H	9'+9'+7'+9'	441	11203	452	11477	8 1/2	216	393	9982
310H	9'+9'+9'+9'	465	11812	476	12087	8 1/2	216	417	10592

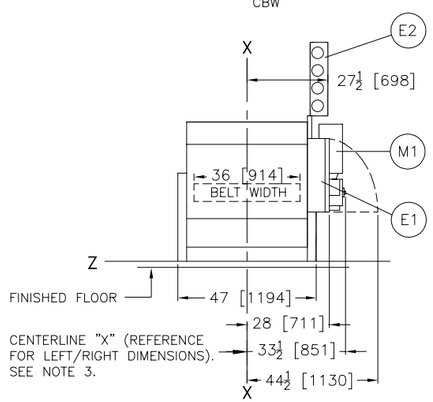


LEFT VIEW
(RIGHT HAND LOADING SHOWN)

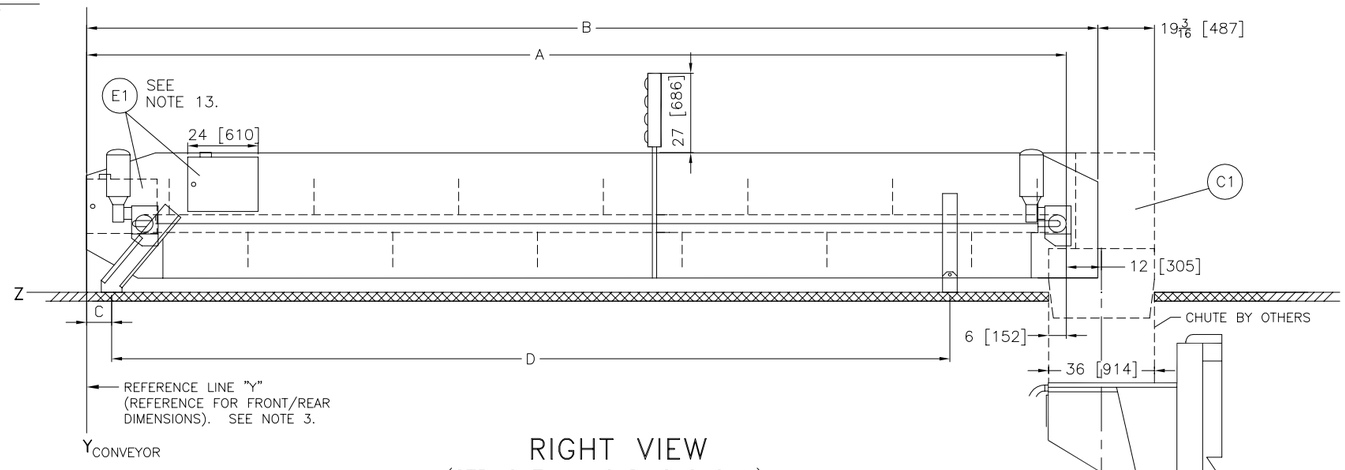




CONWAH SUPPORTS
PLAN VIEW



FRONT VIEW



RIGHT VIEW
(STRAIGHT-IN LOADING SHOWN)

ITEM	LEGEND
T3	CONLOH SUPPORTS.
T2	PIVOTING BASE FOR CONWAH ONLY.
T1	WEIGHT SCALE FOR CONWAH ONLY.
M1	DRIVE MOTOR
E2	CONWAH LIGHTS, CONWAH MODEL ONLY. SEE NOTE 3.
E1	ELECTRIC BOX (ELECTRICAL POWER CONNECTION)
C1	LOAD CHUTE ASSEMBLY, INSTALLED AT INSTALLATION

NOTES

12 INSTALL WEIGH SCALE ASSEMBLY 3/8" [10] ABOVE FINISHED FLOOR.

11 CONWAH LIGHTS AID OPERATOR TO REACH CORRECT LOAD WEIGHT. THE LIGHTS ARE ARE MOUNTED ON THE SAME SIDE AS THE CONTROL BOX, APPROXIMATELY MIDWAY ON THE CONVEYOR WHEN SHIPPED.
NOTE: CONWAH LIGHTS MAY BE HIGHEST POINT ON CONVEYOR AND SHOULD BE CONSIDERED WHEN PLANNING VERTICAL CLEARANCE.
LIGHTS MAY BE LOCATED ANYWHERE ALONG CONVEYOR LENGTH, AND ANGLE OF VIEW IS ADJUSTABLE.

10 DO NOT SET THE CONLOH\CONWAH IN PLACE UNTIL THE CBW HAS BEEN INSTALLED. SEE INTERFACING DIMENSIONAL DRAWING FOR MORE DETAILS.

9 ELECTRICAL BOX AND DRIVE MOTOR ARE USUALLY MOUNTED ON RIGHT HAND SIDE OF CONVEYOR (SEE FRONT VIEW). HOWEVER, FOR A RIGHT HAND CONVEYOR LOADING (AS SHOWN IN LEFT SIDE VIEW) ELECTRICAL BOX AND DRIVE MOTOR ARE MOUNTED OF LEFT HAND SIDE OF CONVEYOR.

8 WHEN LOADING IS OTHER THAN STRAIGHT-IN OR 90° FROM CBW (I.E. WHEN CONVEYOR ADDRESSES WASHER DIAGONNALY) REFER TO FACTORY FOR SPECIAL REQUIREMENTS.

7 SEE CBW DIMENSIONAL DRAWINGS FOR STANDARD LOAD CHUTE CONFIGURATION.

6 AS OF THIS WRITING, THE MINIMUM CLEARANCE REQUIRED BY U.S. NATIONAL ELECTRIC CODES, FROM ELECTRIC BOX TO ANY OBJECT IS:
36 [914] IF OBJECT IS AN UNGROUNDED (INSULATED) WALL.
42 [1067] IF OBJECT IS A GROUNDED WALL (ie. BARE CONCRETE, BRICK, ETC.)
48 [1219] IF OBJECT IS ANY LIVE PART.
CHECK LOCAL ELECTRIC CODES FOR FURTHER RESTRICTIONS.

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ATTENTION

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60K CONLOH/CONWAH HORIZONTAL

DM 0 0.5M 1M
INCHES 0 12 24 36

DWG# BD60KCONAB
2004533D

PELLERIN MILNOR CORPORATION
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NOTES !!
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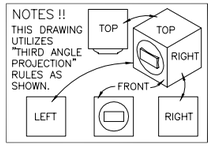
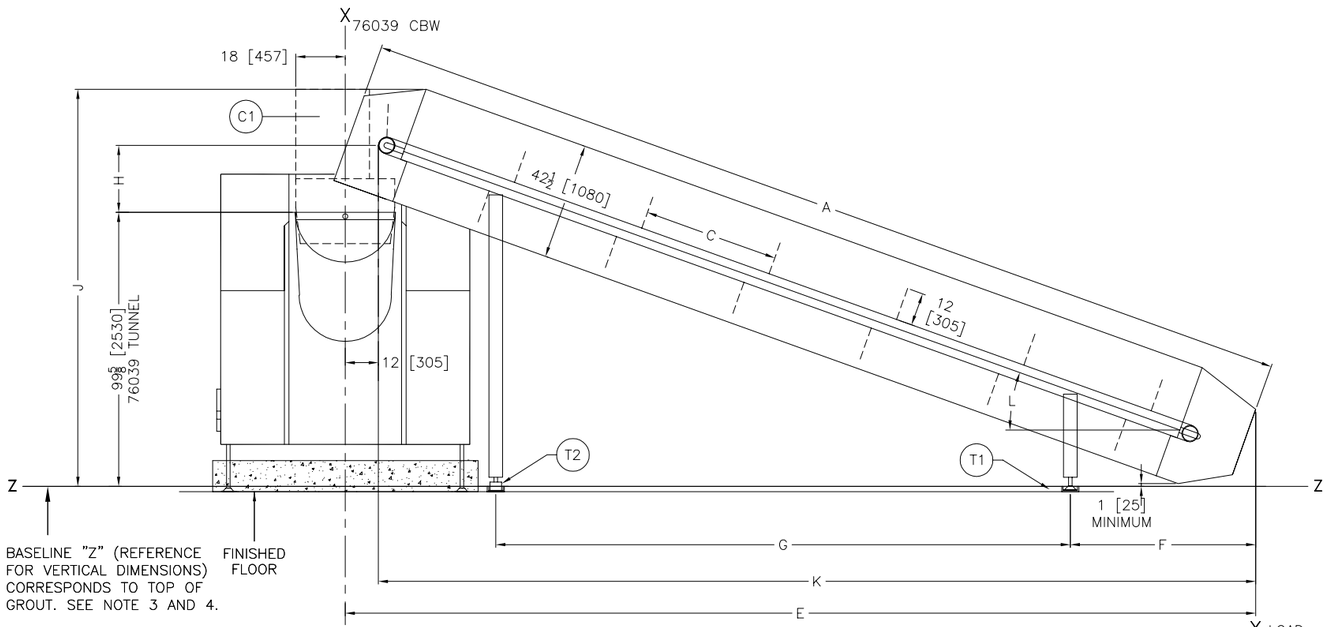


DIMENSIONS THAT VARY WITH MACHINE MODEL

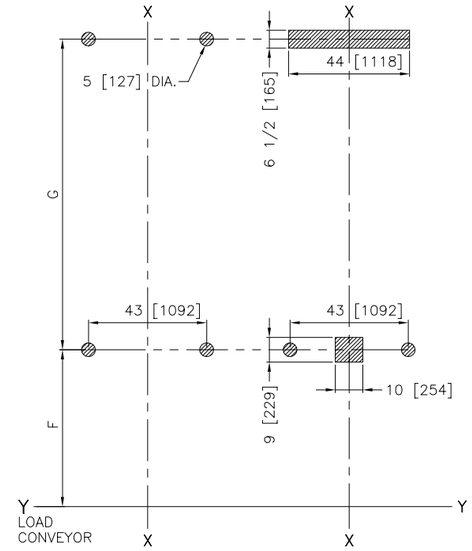
MODEL No.	CONVEYOR UNITS	DIMENSION "A" INCHES	DIMENSION "A" mm	DIMENSION "C" INCHES	DIMENSION "C" mm	DIMENSION "E" INCHES	DIMENSION "E" mm	DIMENSION "F" INCHES	DIMENSION "F" mm	DIMENSION "G" INCHES	DIMENSION "G" mm	DIMENSION "H" INCHES	DIMENSION "H" mm	DIMENSION "J" INCHES	DIMENSION "J" mm	DIMENSION "K" INCHES	DIMENSION "K" mm	DIMENSION "L" ANGLE/DEGREES
304H	9'+9'	260	6601	52 7/16	1332	238	6054	55 1/2	1410	132	3353	25 3/8	645	144	3658	228	5787	28°
305H	7'+7'+7'	296	7515	49 7/16	1256	279	7101	56 1/2	1435	170	4318	25 3/8	645	144	3658	268	6796	23°
306H	9'+7'+9'	344	8734	49 3/16	1249	331	8414	67 1/2	1715	209	5309	24 3/8	619	144	3658	319	8109	20°
307H	9'+9'+9'	368	9344	45 7/8	1165	356	9052	68	1727	234	5944	24 3/8	619	144	3658	344	8747	18°
308H	9'+9'+4'+9'	416	10563	46 1/8	1172	406	10327	68	1727	283	7188	23	584	144	3658	394	10022	16°
309H	9'+9'+7'+9'	452	11477	45	1143	444	11265	68	1727	320	8128	23	584	144	3658	432	10960	14°
310H	9'+9'+9'+9'	476	12087	43	1092	468	11891	68	1727	344	8738	23	584	144	3658	456	11586	13°

DIMENSIONS ONLY FOR 60K CONWAH USED WITH A 60K PRESS, MP2601.



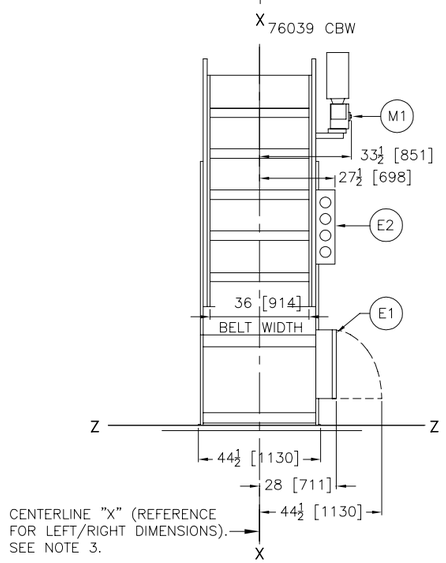
(CONWAH WITH RIGHT HAND LOADING SHOWN)

LEFT VIEW

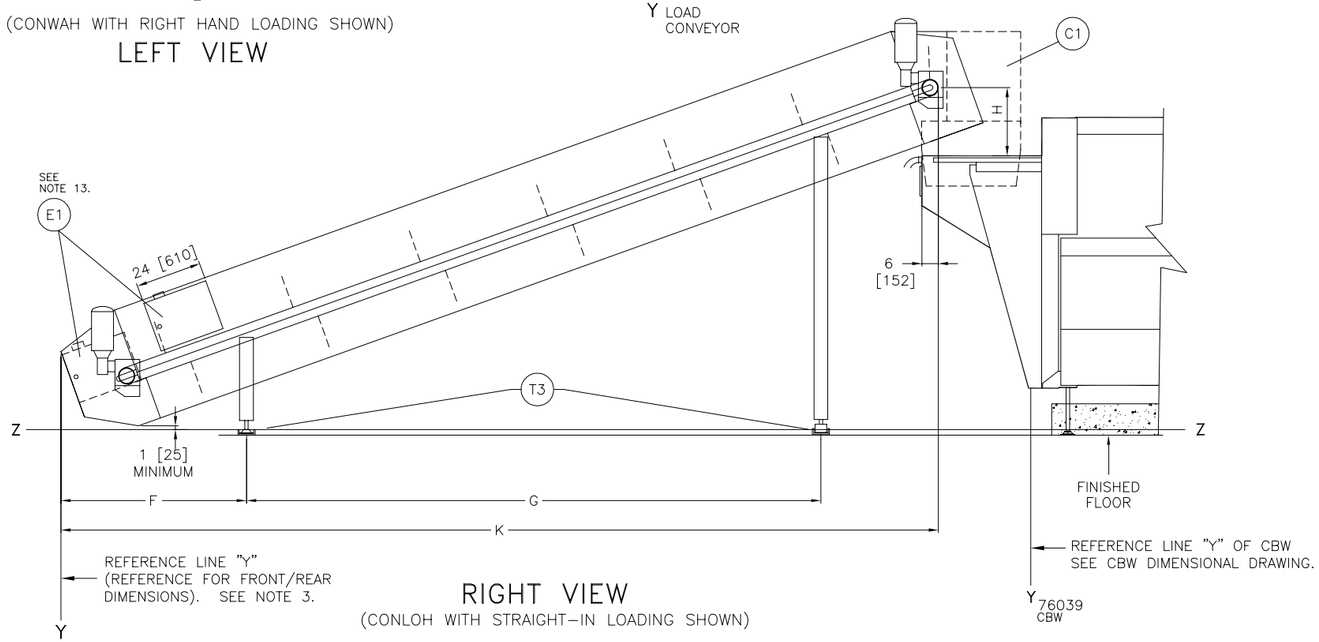


CONLOH SUPPORTS CONWAH SUPPORTS

PLAN VIEW



FRONT VIEW



RIGHT VIEW

(CONLOH WITH STRAIGHT–IN LOADING SHOWN)

ITEM	LEGEND
T3	CONLOH SUPPORTS.
T2	PIVOTING BASE FOR CONWAH ONLY.
T1	WEIGHT SCALE FOR CONWAH ONLY.
M1	DRIVE MOTOR
E2	CONWAH LIGHTS, CONWAH MODEL ONLY. SEE NOTE 3.
E1	ELECTRIC BOX (ELECTRICAL POWER CONNECTION)
C1	LOAD CHUTE ASSEMBLY, INSTALLED AT INSTALLATION

NOTES

13 ELECTRIC BOX IS LOCATED IN FRONTMOST POSITION (SHOWN DASHED) IN MODELS 304H AND SHORTER. MODELS 305H & LONGER REQUIRE A LOAD END DRIVE MOTOR AND THE ELECTRIC BOX MOUNTED TO THE SIDE PANEL, (SHOWN SOLID).

12 INSTALL WEIGH SCALE ASSEMBLY 3/8" [10] ABOVE FINISHED FLOOR.

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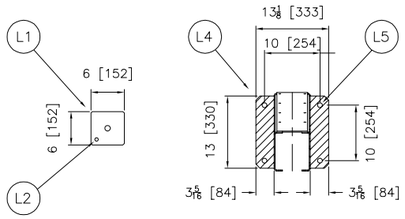
60K CONLOH/CONWAH(60K PRESS)

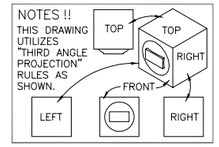
DM 0 0.5M 1M
INCHES 0 12 24 36

DWG# BD60KC06AE
2004533D

PELLERIN MILNOR CORPORATION
P.O. Box 400 Kenner, LA 70063, USA, Phone 504/467–9591,
FAX 504/469–1849, Telex ITT 460124/PELM UI, Cable PELMILNOR

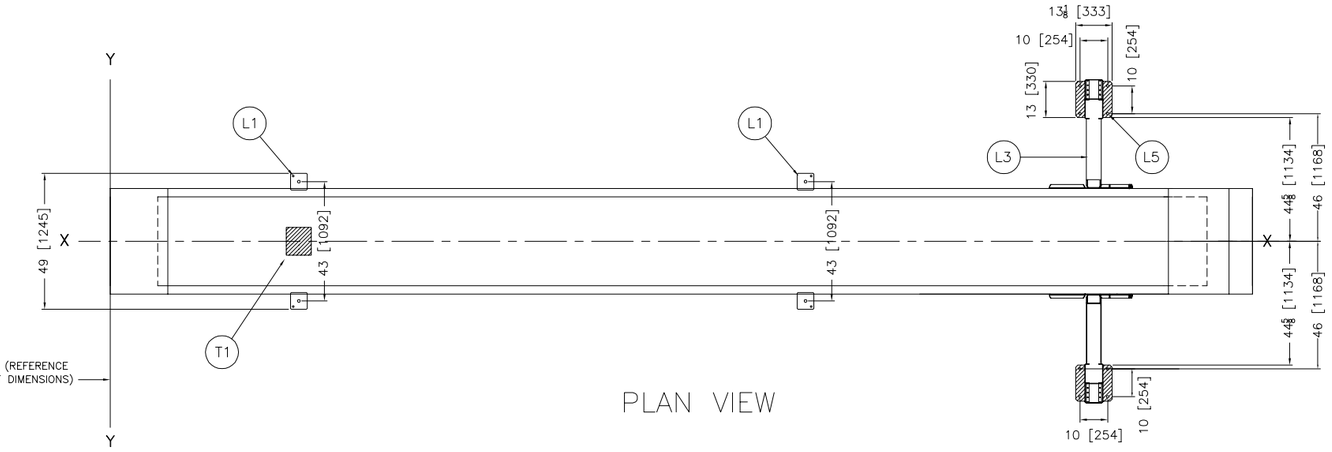


DIMENSIONS THAT VARY WITH MACHINE MODEL																	
MODEL No.	CONVEYOR UNITS	DIMENSION "A"		DIMENSION "B"		DIMENSION "C"		DIMENSION "D"		DIMENSION "E"		DIMENSION "F"		DIMENSION "G"		DIMENSION "H"		DIMENSION "J"	
		INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm
303H	4'+9'	168	4267	174	4420	202 15/16	5155	53	1346	75 5/8	1921	–	–	50 1/4	1276	27 9/16	699	15 3/8	390
304H	9'+9'	228	5791	234	5944	269 5/8	6849	56	1422	137 3/16	3485	–	–	52 7/16	1332	24 3/4	629	14	356
305H	7'+7'+7'	264	6706	270	6858	308 3/16	7828	57	1448	173 13/16	4414	–	–	49 7/16	1256	23 3/4	603	14	356
306H	9'+7'+9'	312	7925	318	8077	359 7/16	9130	68	1727	213 1/8	5414	–	–	49 3/16	1249	22 3/4	578	14	356
307H	9'+9'+9'	336	8534	342	8687	384 1/4	9759	68	1727	237 3/16	6024	–	–	45 7/8	1165	22 3/4	578	14	356
308H	9'+4'+9'+9'	384	9754	390	9906	433 7/16	11010	68	1727	286 9/16	7278	104 1/4	2648	46 1/8	1172	22 3/4	578	14	356
309H	9'+7'+9'+9'	420	10668	426	10820	470 1/4	11944	68	1727	323 1/8	8207	104 7/16	2653	45	1143	22 3/4	578	14	356
310H	9'+9'+9'+9'	444	11278	450	11430	494 5/8	12563	68	1727	347 7/16	8824	104 3/4	2660	43	1092	22 3/4	578	14	356

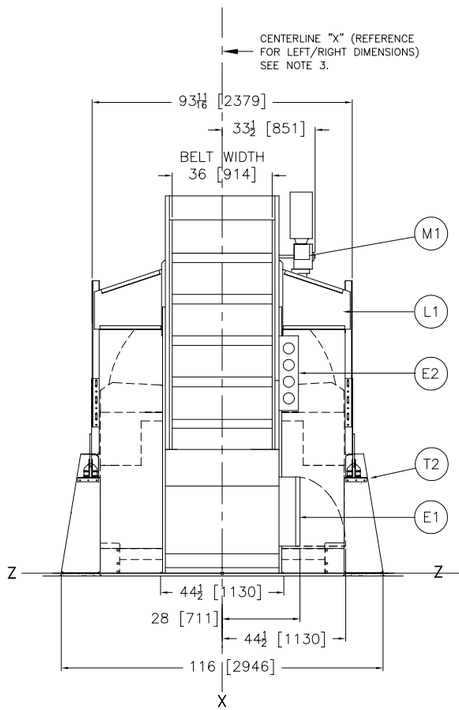


DIMENSIONS ONLY FOR 60K CONLOH/CONWAH LOADING G3 TUNNELS AT 61"[1549] CENTERLINE.

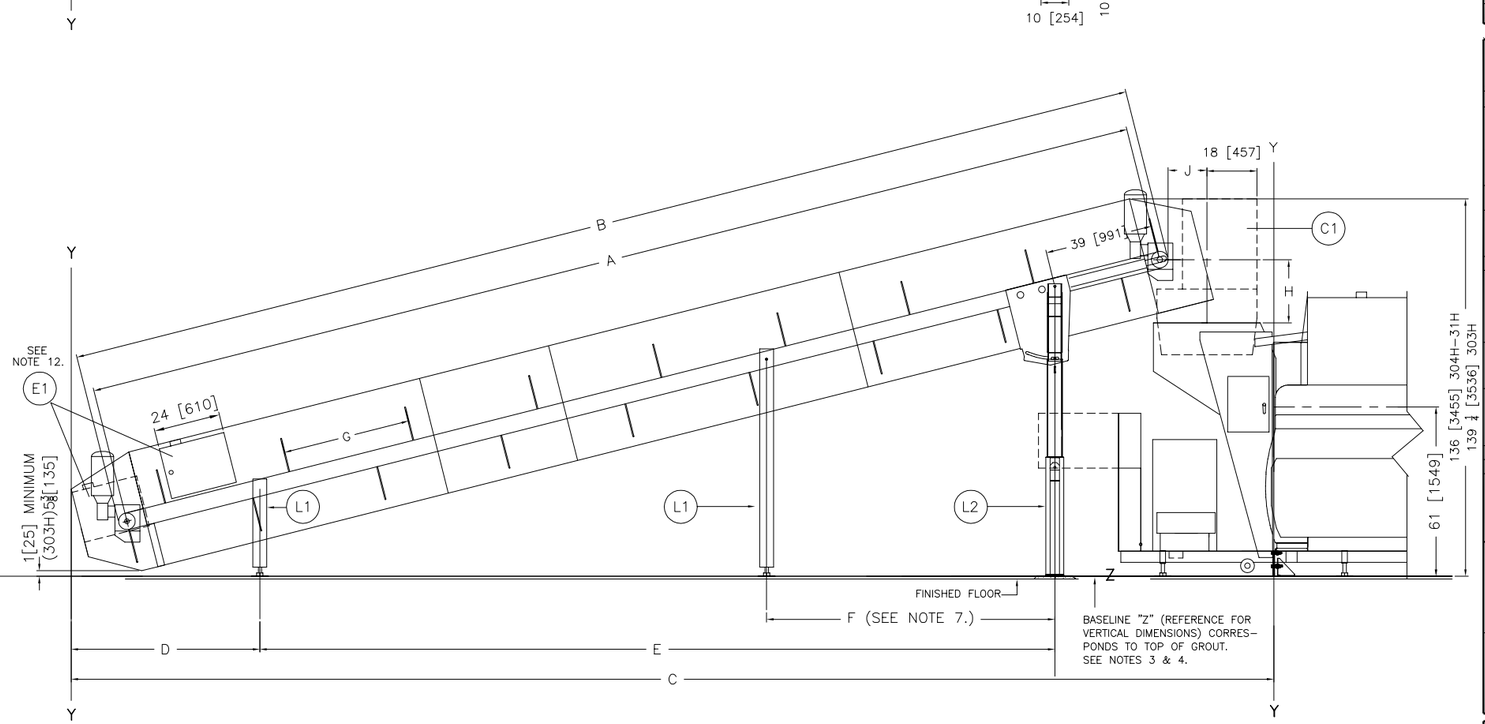
FOOTPAD DETAILS



PLAN VIEW



FRONT VIEW



RIGHT SIDE VIEW

ITEM	LEGEND
L5	ANCHOR BOLT HOLES, 7/8"[22] DIAMETER
L4	FOOTPAD, G3 DISCHARGE LEG
L3	DISCHARGE LEGS USED WITH G3 TUNNELS ONLY.
L2	5/8"[16] DIAMETER ANCHOR BOLT HOLE FOR 1/2" BOLT
L1	STANDARD LEG SUPPORT & FOOTPAD
T3	CONLOH SUPPORTS.
T2	PIVOT FOR CONWAH ONLY.
T1	WEIGHT SCALE FOR CONWAH ONLY.
M1	DRIVE MOTOR
E2	CONWAH LIGHTS, CONWAH MODEL ONLY. SEE NOTE 10.
E1	ELECTRIC BOX (ELECTRICAL POWER CONNECTION)
C1	LOAD CHUTE ASSEMBLY, INSTALLED AT INSTALLATION

NOTES

12 ELECTRIC BOX IS LOCATED IN FRONTMOST POSITION (SHOWN DASHED) IN MODELS 304H AND SHORTER. MODELS 305H & LONGER REQUIRE A LOAD END DRIVE MOTOR AND THE ELECTRIC BOX MOUNTED TO THE SIDE PANEL. (SHOWN SOLID).

11 INSTALL WEIGH SCALE ASSEMBLY 3/8" [10] ABOVE FINISHED FLOOR.

10 CONWAH LIGHTS AID OPERATOR TO REACH CORRECT LOAD WEIGHT. THE LIGHTS ARE ARE MOUNTED ON THE SAME SIDE AS THE CONTROL BOX, APPROXIMATELY MIDWAY ON THE CONVEYOR WHEN SHIPPED.
NOTE: CONWAH LIGHTS MAY BE HIGHEST POINT ON CONVEYOR AND SHOULD BE CONSIDERED WHEN PLANNING VERTICAL CLEARANCE.
LIGHTS MAY BE LOCATED ANYWHERE ALONG CONVEYOR LENGTH, AND ANGLE OF VIEW IS ADJUSTABLE.

9 DO NOT SET THE CONLOH\CONWAH IN PLACE UNTIL THE CBW HAS BEEN INSTALLED. INTERFACING DIMENSIONAL DRAWING FOR MORE DETAILS.

8 ELECTRICAL BOX AND DRIVE MOTOR ARE USUALLY MOUNTED ON RIGHT HAND SIDE OF CONVEYOR (SEE FRONT VIEW). HOWEVER, FOR A RIGHT HAND CONVEYOR LOADING (AS SHOWN IN LEFT SIDE VIEW AND FRONT VIEW) ELECTRICAL BOX AND DRIVE MOTOR ARE MOUNTED OF LEFT HAND SIDE OF CONVEYOR.

7 A THIRD PAIR OF LEGS IS USED ONLY ON 308H AND LONGER CONVEYORS.

6 AS OF THIS WRITING, THE MINIMUM CLEARANCE REQUIRED BY U.S. NATIONAL ELECTRIC CODES, FROM ELECTRIC BOX TO ANY OBJECT IS:
36 [914] IF OBJECT IS AN UNGROUNDED (INSULATED) WALL.
42 [1067] IF OBJECT IS A GROUNDED WALL (ie. BARE CONCRETE, BRICK, ETC.)
48 [1219] IF OBJECT IS ANY LIVE PART.
CHECK LOCAL ELECTRIC CODES FOR FURTHER RESTRICTIONS.

5 CUSTOMER TO SUPPLY CIRCUIT BREAKER OR FUSED BRANCH CIRCUIT DISCONNECT (SAFETY) SWITCHES WITH LAG TYPE FUSES FROM POWER SOURCE TO MACHINE. A SEPARATE GROUND WIRE MUST BE CONNECTED FROM DISCONNECT TO EQUIPMENT.

4 BASELINE "Z" IS THE SAME FOR ALL MILNOR MACHINES AND IS SHOWN ON ALL DIMENSIONAL DRAWINGS. THE DISTANCE BETWEEN BASELINE "Z" AND THE FINISHED FLOOR MAY VARY (WITH CHANGES IN FLOOR HEIGHT) AS REQUIRED TO INSURE THAT BASELINE "Z" IS HORIZONTAL AND ALL COMPONENTS REQUIRING GROUT ARE SET ON A MINIMUM 1" [25] THICK GROUT BED.

3 USE REFERENCE LINES "X", "Y", AND "Z" TO LOCATE ALL SERVICE CONNECTIONS.

2 NUMBERS IN BRACKETS [] DENOTE DIMENSIONS IN MILLIMETERS.

1 ALL DIMENSIONS SHOWN ARE APPROXIMATE, SUBJECT TO NORMAL MANUFACTURING TOLERANCES, AND TO OCCASIONAL CHANGES WITHOUT NOTICE THROUGH REDESIGN AND/OR RELOCATION OF COMPONENTS, ETC. DO NOT USE FOR CONSTRUCTION UNLESS CERTIFIED, AND IN NO EVENT PRE–PIPE CLOSER THAN FIVE FEET FROM MACHINE. FACTORY MUST BE CONSULTED FOR DIMENSIONS IF MACHINE IS TO BE MOVED THROUGH NARROW OR LOW CORRIDORS OR OPENINGS.

ATTENTION

MOST REGULATORY AUTHORITIES (INCLUDING OSHA IN THE USA) HOLD THE OWNER/USER ULTIMATELY RESPONSIBLE TO MAINTAIN A SAFE WORKING ENVIRONMENT. ACCORDINGLY, THE OWNER/USER MUST RECOGNIZE ALL FORESEEABLE SAFETY HAZARDS, FURNISH SAFETY INSTRUCTIONS AND GUIDANCE TO ALL PERSONNEL WHO MAY COME IN CONTACT WITH THE INSTALLATION, AND PROVIDE ALL NECESSARY ADDITIONAL SAFETY GUARDS, FENCES, RESTRAINTS, DEVICES, ETC., NOT FURNISHED BY THE EQUIPMENT MANUFACTURER OR VENDOR.

ATTENTION

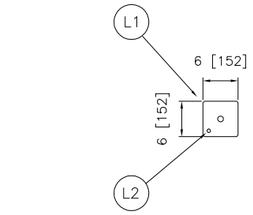
THE FLOOR AND/OR OTHER SUPPORT COMPONENTS MUST HAVE SUFFICIENT STRENGTH (AND RIGIDITY WITH DUE CONSIDERATION FOR NATURAL OR RESONANT FREQUENCY THEREOF) TO WITHSTAND THE FULLY LOADED WEIGHT OF THE MACHINE INCLUDING THE GOODS, THE WATER, AND ANY REPEATED SINUSOIDAL (ROTATING) FORCES GENERATED DURING ITS OPERATION. WRITE THE FACTORY FOR ADDITIONAL MACHINE DATA FOR USE BY A COMPETENT SOIL AND/OR STRUCTURAL ENGINEER.

60K CONLOH/CONWAH–G3 TUNNEL

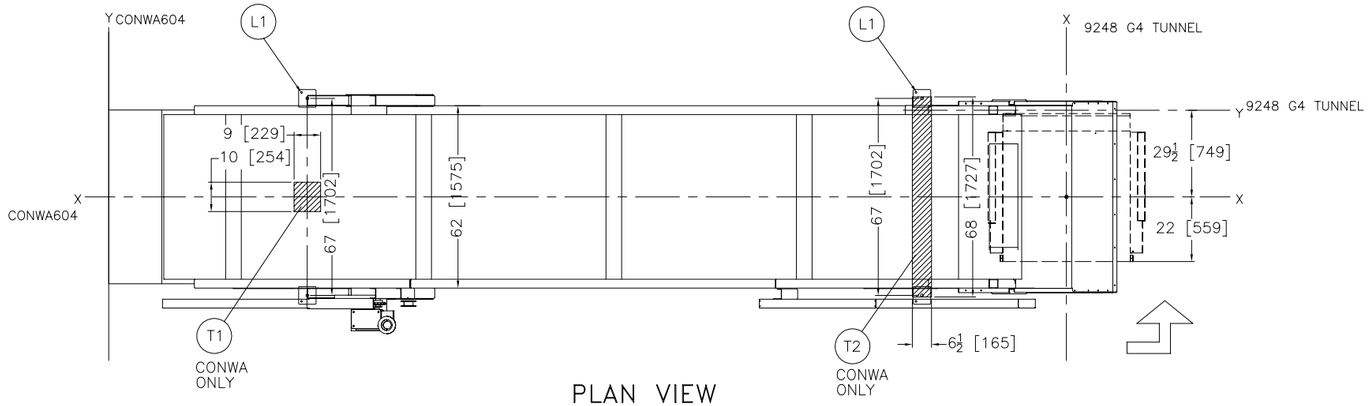
DM 0 0.5M 1M
INCHES 0 12 24 36

DWG# BD60KCG3AE
2004533D

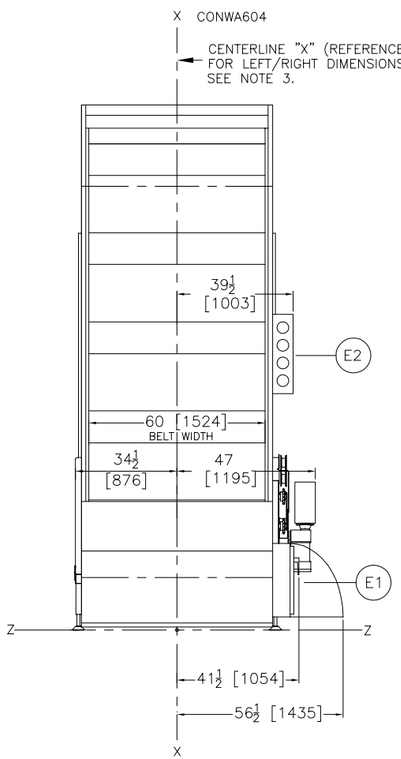
PELLERIN MILNOR CORPORATION
P.O. Box 400 Kenner, LA 70063, USA, Phone 504/467–9591,
FAX 504/469–1849, Telex ITT 460124/PELM UI, Cable PELMILNOR



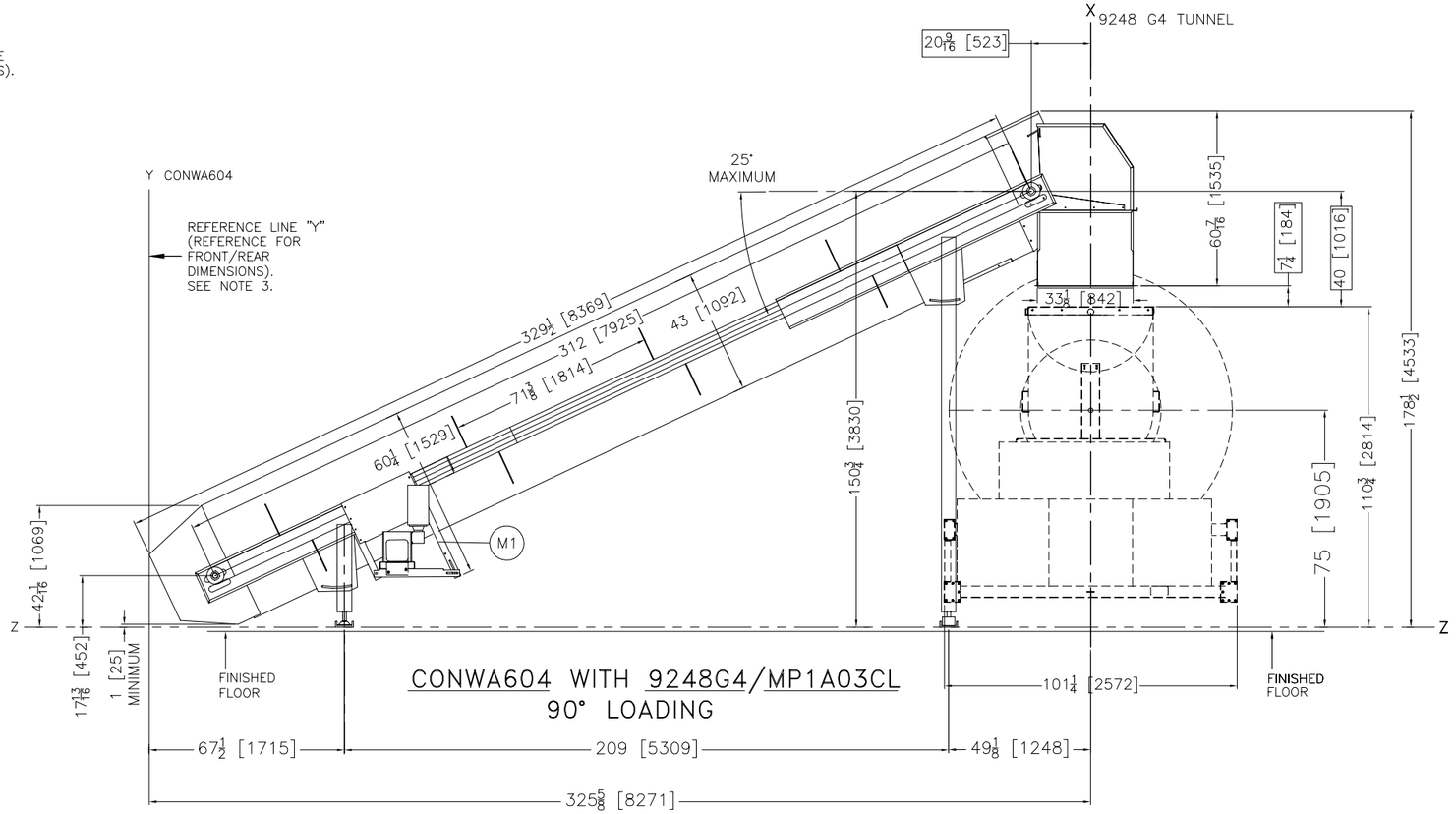
FOOTPAD DETAIL



PLAN VIEW
CONWA604 WITH 9248G4/MP1A03CL
90° LOADING

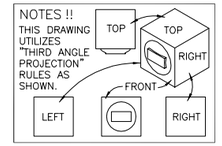


FRONT VIEW



CONWA604 WITH 9248G4/MP1A03CL
90° LOADING

NOTES !!
THIS DRAWING UTILIZES "THIRD ANGLE PROJECTION" RULES AS SHOWN.



ITEM	LEGEND
L1	INSTALLATION LEGS
T2	PIVOTING BASE FOR CONWA ONLY.
T1	WEIGHT SCALE FOR CONWA ONLY.
M1	UNDER DRIVE
E2	CONWA LIGHTS, CONWA MODEL ONLY. SEE NOTE 11.
E1	ELECTRIC BOX (ELECTRICAL POWER CONNECTION)

NOTES

13 CONWA FRONT LEGS, L1, ARE FOR INSTALLATION ONLY. AFTER THE LOAD CELL IS INSTALLED, THESE LEGS SHOULD BE ADJUSTED TO NOT REST ON THE FLOOR.

12 INSTALL WEIGH SCALE ASSEMBLY 3/8" [10] ABOVE FINISHED FLOOR.

11 CONWA LIGHTS AID OPERATOR TO REACH CORRECT LOAD WEIGHT. THE LIGHTS ARE ARE MOUNTED ON THE SAME SIDE AS THE CONTROL BOX, APPROXIMATELY MIDWAY ON THE CONVEYOR WHEN SHIPPED.
NOTE: CONWA LIGHTS MAY BE HIGHEST POINT ON CONVEYOR AND SHOULD BE CONSIDERED WHEN PLANNING VERTICAL CLEARANCE. LIGHTS MAY BE LOCATED ANYWHERE ALONG CONVEYOR LENGTH, AND ANGLE OF VIEW IS ADJUSTABLE.

10 DO NOT SET THE CONLO\CONWA IN PLACE UNTIL THE CBW HAS BEEN INSTALLED. SEE INTERFACING DIMENSIONAL DRAWING FOR MORE DETAILS.

9 ELECTRICAL BOX AND DRIVE MOTOR ARE USUALLY MOUNTED ON RIGHT HAND SIDE OF CONVEYOR (LEFT LOADING). FOR (RIGHT LOADING), ELECTRICAL BOX AND DRIVE MOTOR ARE MOUNTED OF LEFT HAND SIDE OF CONVEYOR.

8 WHEN LOADING CBW STRAIGHT-IN , SEE BD604CNWBB. FOR ANY OTHER LOADING, EG, DIAGONALLY) REFER TO FACTORY FOR SPECIAL REQUIREMENTS.

7 SEE CBW DIMENSIONAL DRAWINGS FOR STANDARD LOAD CHUTE CONFIGURATION.

6 AS OF THIS WRITING, THE MINIMUM CLEARANCE REQUIRED BY U.S. NATIONAL ELECTRIC CODES, FROM ELECTRIC BOX TO ANY OBJECT IS:
36 [914] IF OBJECT IS AN UNGROUNDED (INSULATED) WALL.
42 [1067] IF OBJECT IS A GROUNDED WALL (ie. BARE CONCRETE, BRICK, ETC.)
48 [1219] IF OBJECT IS ANY LIVE PART.
CHECK LOCAL ELECTRIC CODES FOR FURTHER RESTRICTIONS.

5 CUSTOMER TO SUPPLY CIRCUIT BREAKER OR FUSED BRANCH CIRCUIT DISCONNECT (SAFETY) SWITCHES WITH LAG TYPE FUSES FROM POWER SOURCE TO MACHINE. A SEPARATE GROUND WIRE MUST BE CONNECTED FROM DISCONNECT TO EQUIPMENT.

4 BASELINE "Z" IS THE REFERENCE FOR ALL VERTICAL DIMENSIONS. ON MACHINES WITH WITH FIXED BASE PADS, BASELINE "Z" CORRESPONDS TO THE BOTTOM OF THE BASE PAD. ON MACHINES WITH ADJUSTABLE FEET, BASELINE "Z" CORRESPONDS TO THE BOTTOM OF THE FEET WHEN ADJUSTED SO THAT THE MACHINE IS AT ITS MINIMUM ACCEPTABLE HEIGHT. ON TRAVERSING SHUTTLES, BASELINE "Z" CORRESPONDS TO THE BOTTOM OF THE BOTTOM RAIL. THE DISTANCE BETWEEN BASELINE "Z" AND THE FINISHED FLOOR WILL VARY AS REQUIRED TO ENSURE BASELINE "Z" IS HORIZONTAL AND ANY INTERFACING MACHINES REQUIRING GROUT ARE SET ON A MINIMUM 1"[25] THICK GROUT BED.

3 USE REFERENCE LINES "X", "Y", AND "Z" TO LOCATE ALL SERVICE CONNECTIONS.

2 NUMBERS IN BRACKETS [] DENOTE DIMENSIONS IN MILLIMETERS.

1 ALL DIMENSIONS SHOWN ARE APPROXIMATE, SUBJECT TO NORMAL MANUFACTURING TOLERANCES, AND TO OCCASIONAL CHANGES WITHOUT NOTICE THROUGH REDESIGN AND/OR RELOCATION OF COMPONENTS, ETC. DO NOT USE FOR CONSTRUCTION UNLESS CERTIFIED, AND IN NO EVENT PRE-PIPE CLOSER THAN FIVE FEET FROM MACHINE. FACTORY MUST BE CONSULTED FOR DIMENSIONS IF MACHINE IS TO BE MOVED THROUGH NARROW OR LOW CORRIDORS OR OPENINGS.

ATTENTION

MOST REGULATORY AUTHORITIES (INCLUDING OSHA IN THE USA) HOLD THE OWNER/USER ULTIMATELY RESPONSIBLE TO MAINTAIN A SAFE WORKING ENVIRONMENT. ACCORDINGLY, THE OWNER/USER MUST RECOGNIZE ALL FORESEEABLE SAFETY HAZARDS, FURNISH SAFETY INSTRUCTIONS AND GUIDANCE TO ALL PERSONNEL WHO MAY COME IN CONTACT WITH THE INSTALLATION, AND PROVIDE ALL NECESSARY ADDITIONAL SAFETY GUARDS, FENCES, RESTRAINTS, DEVICES, ETC., NOT FURNISHED BY THE EQUIPMENT MANUFACTURER OR VENDOR.

ATTENTION

THE FLOOR AND/OR OTHER SUPPORT COMPONENTS MUST HAVE SUFFICIENT STRENGTH (AND RIGIDITY WITH DUE CONSIDERATION FOR NATURAL OR RESONANT FREQUENCY THEREOF) TO WITHSTAND THE FULLY LOADED WEIGHT OF THE MACHINE INCLUDING THE GOODS, THE WATER, AND ANY REPEATED SINUSOIDAL (ROTATING) FORCES GENERATED DURING ITS OPERATION. WRITE THE FACTORY FOR ADDITIONAL MACHINE DATA FOR USE BY A COMPETENT SOIL AND/OR STRUCTURAL ENGINEER.

CONWA604 (115K)

DM 0 0.5M 1M
INCHES 0 12 24 36

DWG# BD604CNWBE
2004354D

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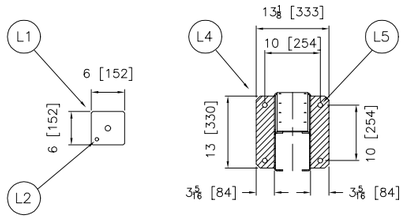
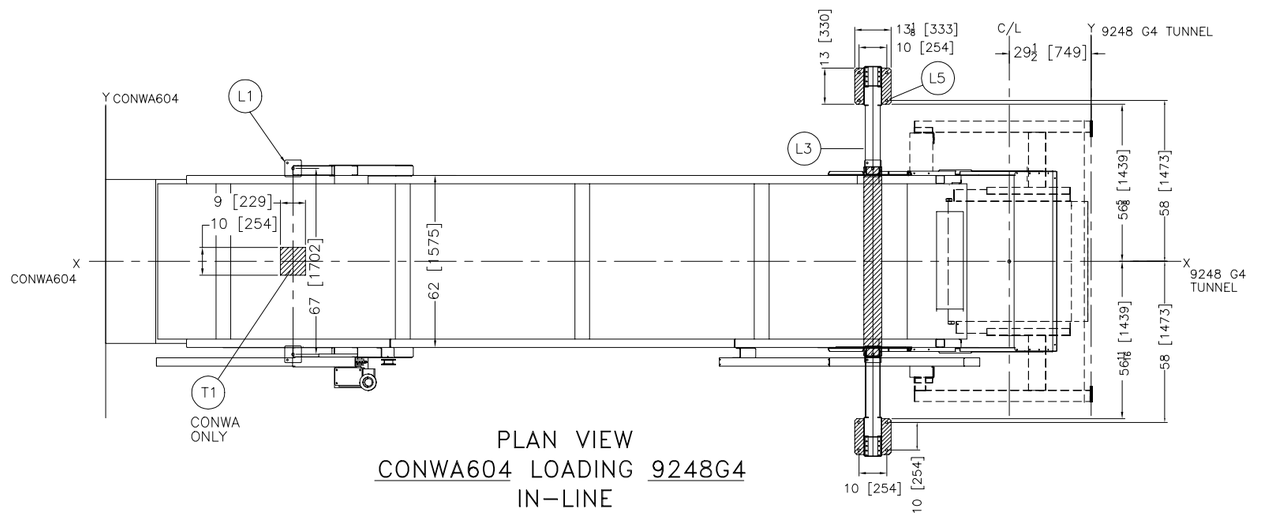
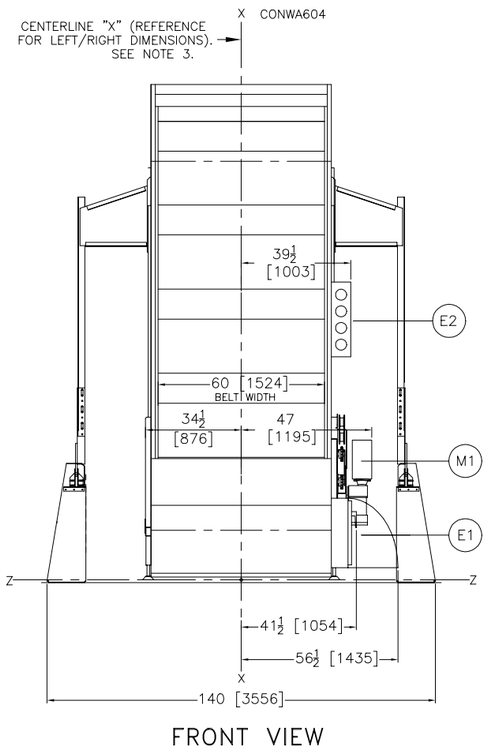
FAX 504/469-1849, Telex ITT 460124/PELM UI, Cable PELMILNOR



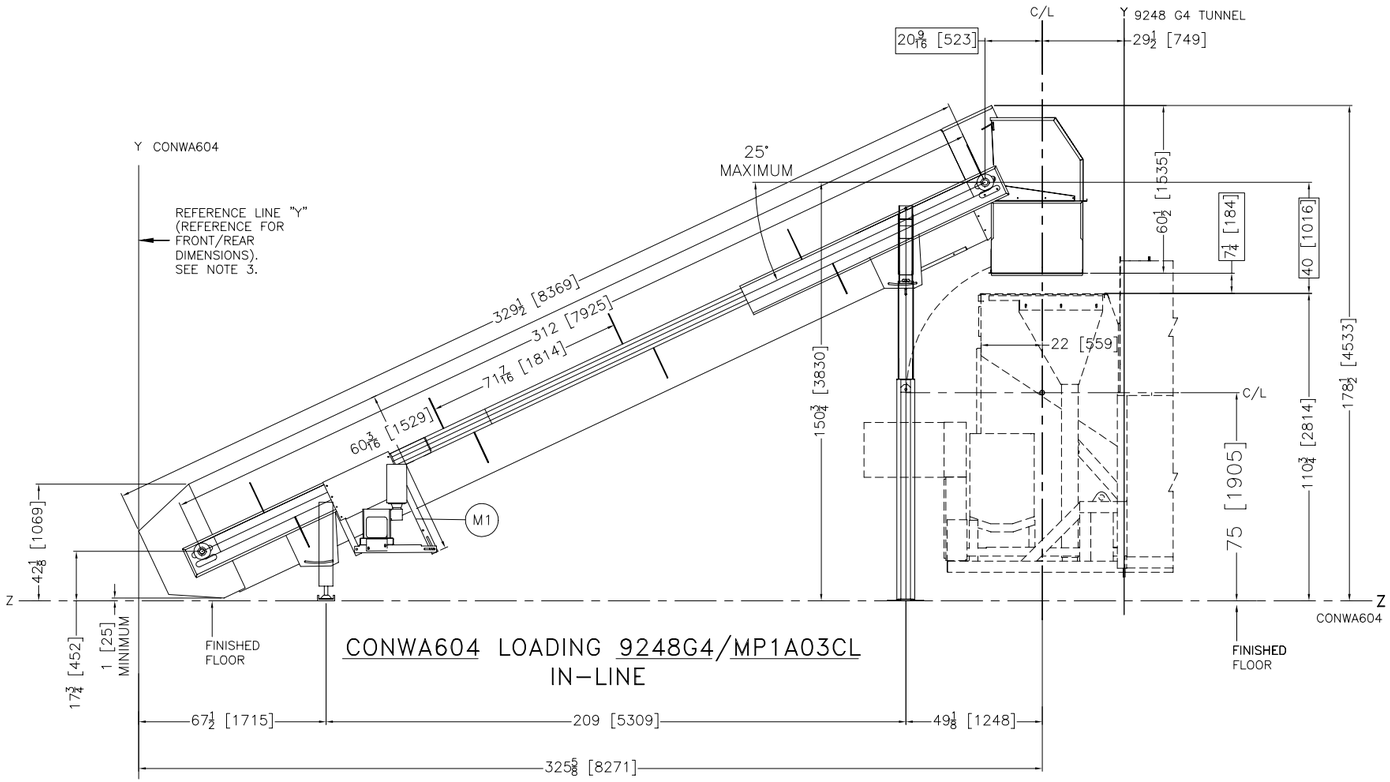
FOOTPAD DETAILS



PLAN VIEW
CONWA604 LOADING 9248G4
IN-LINE



FRONT VIEW



CONWA604 LOADING 9248G4/MP1A03CL
IN-LINE

ITEM	LEGEND
T1	WEIGHT SCALE FOR CONWA ONLY.
L5	ANCHOR BOLT HOLES, 7/8"[22] DIAMETER
L4	FOOTPAD, FOR IN-LINE G4 TUNNEL LOADING
L3	DISCHARGE LEGS FOR IN-LINE G4 TUNNEL LOADING
L2	5/8"[16] DIAMETER ANCHOR BOLT HOLE FOR 1/2" BOLT
L1	INSTALLATION LEGS
M1	UNDER DRIVE
E2	CONWA LIGHTS, CONWA MODEL ONLY. SEE NOTE 10.
E1	ELECTRIC BOX (ELECTRICAL POWER CONNECTION)

NOTES

13 CONWA FRONT LEGS, L1, ARE FOR INSTALLATION ONLY. AFTER THE LOAD CELL IS INSTALLED, THESE LEGS SHOULD BE ADJUSTED TO NOT REST ON THE FLOOR.

12 INSTALL WEIGH SCALE ASSEMBLY 3/8" [10] ABOVE FINISHED FLOOR.

11 CONWA LIGHTS AID OPERATOR TO REACH CORRECT LOAD WEIGHT. THE LIGHTS ARE ARE MOUNTED ON THE SAME SIDE AS THE CONTROL BOX, APPROXIMATELY MIDWAY ON THE CONVEYOR WHEN SHIPPED.
NOTE: CONWA LIGHTS MAY BE HIGHEST POINT ON CONVEYOR AND SHOULD BE CONSIDERED WHEN PLANNING VERTICAL CLEARANCE.
LIGHTS MAY BE LOCATED ANYWHERE ALONG CONVEYOR LENGTH, AND ANGLE OF VIEW IS ADJUSTABLE.

10 DO NOT SET THE CONLO\CONWA IN PLACE UNTIL THE CBW HAS BEEN INSTALLED. SEE INTERFACING DIMENSIONAL DRAWING FOR MORE DETAILS.

9 ELECTRICAL BOX AND DRIVE MOTOR ARE MAY BE MOUNTED ON RIGHT OR LEFT HAND SIDE OF CONVEYOR , AS SPECIFIED.

8 WHEN LOADING AT 90° , SEE BD60CNWBE. FOR ANY OTHER LOADING, EG, DIAGONALLY) REFER TO FACTORY FOR SPECIAL REQUIREMENTS.

7 SEE CBW DIMENSIONAL DRAWINGS FOR STANDARD LOAD CHUTE CONFIGURATION.

6 AS OF THIS WRITING, THE MINIMUM CLEARANCE REQUIRED BY U.S. NATIONAL ELECTRIC CODES, FROM ELECTRIC BOX TO ANY OBJECT IS:
36 [914] IF OBJECT IS AN UNGROUNDED (INSULATED) WALL.
42 [1067] IF OBJECT IS A GROUNDED WALL (ie. BARE CONCRETE, BRICK, ETC.)
48 [1219] IF OBJECT IS ANY LIVE PART.
CHECK LOCAL ELECTRIC CODES FOR FURTHER RESTRICTIONS.

5 CUSTOMER TO SUPPLY CIRCUIT BREAKER OR FUSED BRANCH CIRCUIT DISCONNECT (SAFETY) SWITCHES WITH LAG TYPE FUSES FROM POWER SOURCE TO MACHINE. A SEPARATE GROUND WIRE MUST BE CONNECTED FROM DISCONNECT TO EQUIPMENT.

4 BASELINE "Z" IS THE REFERENCE FOR ALL VERTICAL DIMENSIONS. ON MACHINES WITH WITH FIXED BASE PADS, BASELINE "Z" CORRESPONDS TO THE BOTTOM OF THE BASE PAD. ON MACHINES WITH ADJUSTABLE FEET, BASELINE "Z" CORRESPONDS TO THE BOTTOM OF THE FEET WHEN ADJUSTED SO THAT THE MACHINE IS AT ITS MINIMUM ACCEPTABLE HEIGHT. ON TRAVERSING SHUTTLES, BASELINE "Z" CORRESPONDS TO THE BOTTOM OF THE BOTTOM RAIL. THE DISTANCE BETWEEN BASELINE "Z" AND THE FINISHED FLOOR WILL VARY AS REQUIRED TO ENSURE BASELINE "Z" IS HORIZONTAL AND ANY INTERFACING MACHINES REQUIRING GROUT ARE SET ON A MINIMUM 1"[25] THICK GROUT BED.

3 USE REFERENCE LINES "X", "Y", AND "Z" TO LOCATE ALL SERVICE CONNECTIONS.

2 NUMBERS IN BRACKETS [] DENOTE DIMENSIONS IN MILLIMETERS.

1 ALL DIMENSIONS SHOWN ARE APPROXIMATE, SUBJECT TO NORMAL MANUFACTURING TOLERANCES, AND TO OCCASIONAL CHANGES WITHOUT NOTICE THROUGH REDESIGN AND/OR RELOCATION OF COMPONENTS, ETC. DO NOT USE FOR CONSTRUCTION UNLESS CERTIFIED, AND IN NO EVENT PRE-PIPE CLOSER THAN FIVE FEET FROM MACHINE. FACTORY MUST BE CONSULTED FOR DIMENSIONS IF MACHINE IS TO BE MOVED THROUGH NARROW OR LOW CORRIDORS OR OPENINGS.

ATTENTION

MOST REGULATORY AUTHORITIES (INCLUDING OSHA IN THE USA) HOLD THE OWNER/USER ULTIMATELY RESPONSIBLE TO MAINTAIN A SAFE WORKING ENVIRONMENT. ACCORDINGLY, THE OWNER/USER MUST RECOGNIZE ALL FORESEEABLE SAFETY HAZARDS, FURNISH SAFETY INSTRUCTIONS AND GUIDANCE TO ALL PERSONNEL WHO MAY COME IN CONTACT WITH THE INSTALLATION, AND PROVIDE ALL NECESSARY ADDITIONAL SAFETY GUARDS, FENCES, RESTRAINTS, DEVICES, ETC., NOT FURNISHED BY THE EQUIPMENT MANUFACTURER OR VENDOR.

ATTENTION

THE FLOOR AND/OR OTHER SUPPORT COMPONENTS MUST HAVE SUFFICIENT STRENGTH (AND RIGIDITY WITH DUE CONSIDERATION FOR NATURAL OR RESONANT FREQUENCY THEREOF) TO WITHSTAND THE FULLY LOADED WEIGHT OF THE MACHINE INCLUDING THE GOODS, THE WATER, AND ANY REPEATED SINUSOIDAL (ROTATING) FORCES GENERATED DURING ITS OPERATION. WRITE THE FACTORY FOR ADDITIONAL MACHINE DATA FOR USE BY A COMPETENT SOIL AND/OR STRUCTURAL ENGINEER.

CONWA604 (115K) OPTIONS

DM 0 0.5M 1M
INCHES 0 12 24 36

DWG# BD604CNWBB
2004354D

PELLERIN MILNOR CORPORATION
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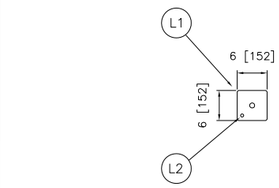
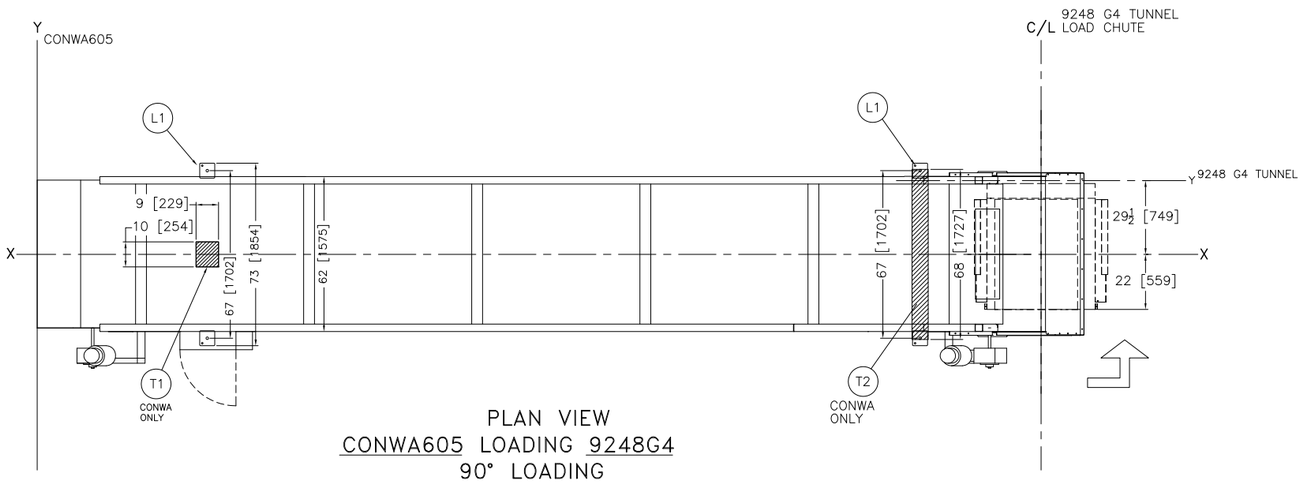
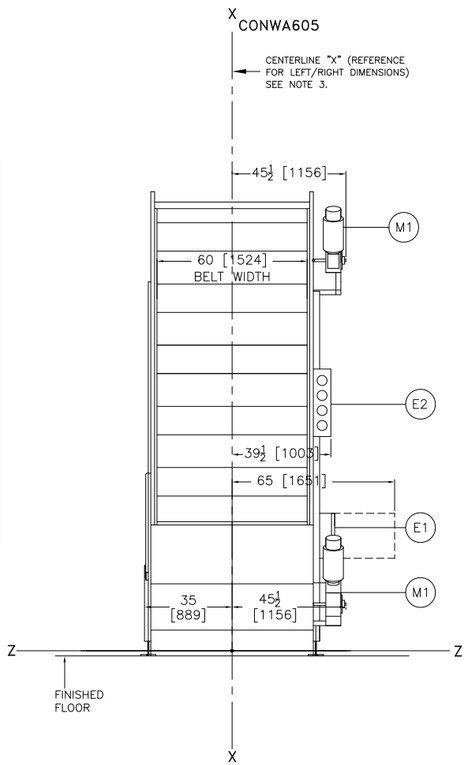
FAX 504/469-1849, Telex ITT 460124/PELM UI, Cable PELMILNOR



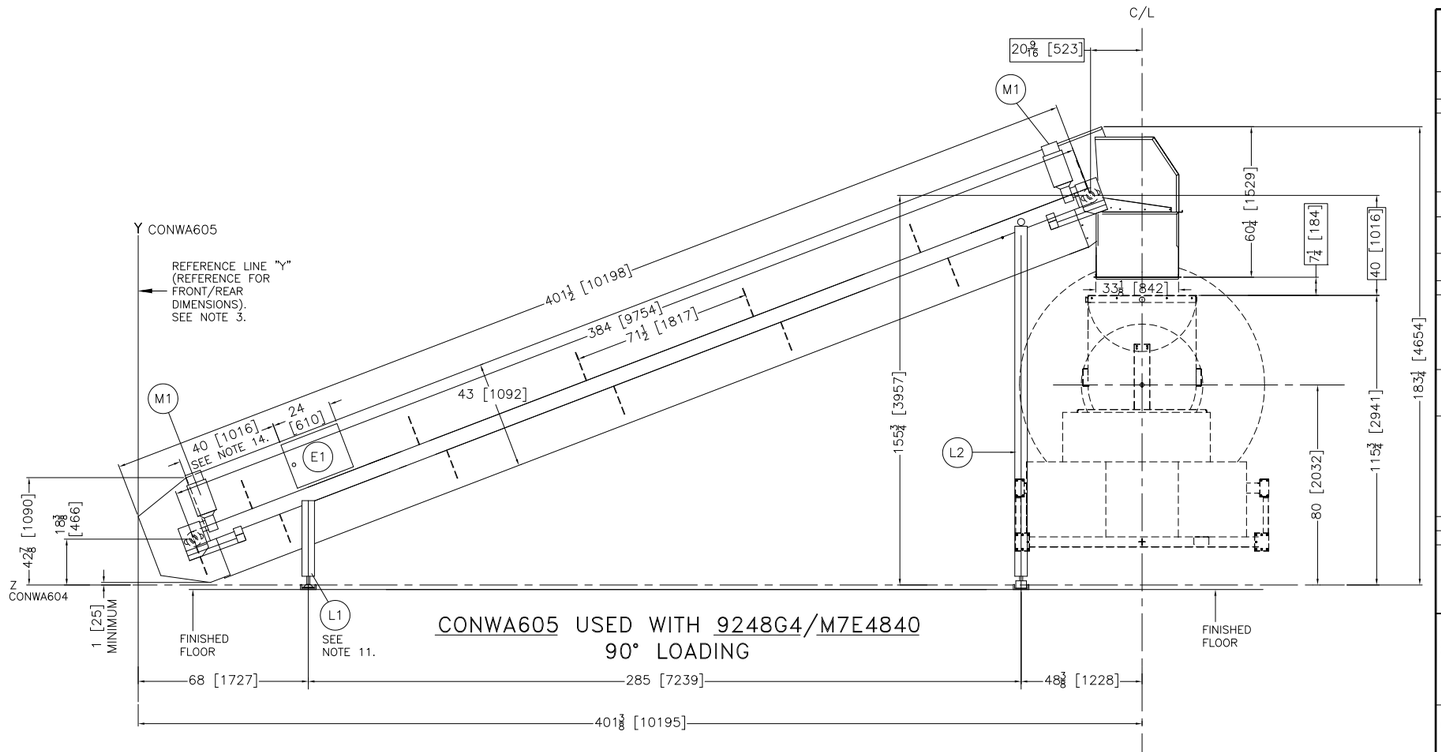
FOOTPAD DETAILS



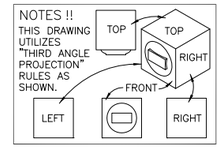
PLAN VIEW
CONWA605 LOADING 9248G4
90° LOADING



FRONT VIEW



CONWA605 USED WITH 9248G4/M7E4840
90° LOADING



ITEM	LEGEND
L1	INSTALLATION LEGS
T2	PIVOTING BASE FOR CONWA ONLY.
T1	WEIGHT SCALE FOR CONWA ONLY.
M1	DRIVE MOTOR
E2	CONWA LIGHTS, CONWA MODEL ONLY. SEE NOTE 11.
E1	ELECTRIC BOX (ELECTRICAL POWER CONNECTION)

NOTES

14 INSTALLATION RESTRICTIONS MAY REQUIRE SPECIAL PLACEMENT OF THE ELECTRIC BOX ALONG THE SIDE OF THE CONVEYOR. THIS MAY BE SPECIED IN THE ORDER.

13 CONWA FRONT LEGS, L1, ARE FOR INSTALLATION ONLY. AFTER THE LOAD CELL IS INSTALLED, THESE LEGS SHOULD BE ADJUSTED TO NOT REST ON THE FLOOR.

12 INSTALL WEIGH SCALE ASSEMBLY 3/8" [10] ABOVE FINISHED FLOOR.

11 CONWA LIGHTS AID OPERATOR TO REACH CORRECT LOAD WEIGHT. THE LIGHTS ARE ARE MOUNTED ON THE SAME SIDE AS THE CONTROL BOX, APPROXIMATELY MIDWAY ON THE CONVEYOR WHEN SHIPPED.
NOTE: CONWA LIGHTS MAY BE HIGHEST POINT ON CONVEYOR AND SHOULD BE CONSIDERED WHEN PLANNING VERTICAL CLEARANCE.
LIGHTS MAY BE LOCATED ANYWHERE ALONG CONVEYOR LENGTH, AND ANGLE OF VIEW IS ADJUSTABLE.

10 DO NOT SET THE CONLO\CONWA IN PLACE UNTIL THE CBW HAS BEEN INSTALLED. SEE INTERFACING DIMENSIONAL DRAWING FOR MORE DETAILS.

9 ELECTRICAL BOX AND DRIVE MOTOR ARE USUALLY MOUNTED ON RIGHT HAND SIDE OF CONVEYOR (LEFT LOADING). FOR (RIGHT LOADING), ELECTRICAL BOX AND DRIVE MOTOR ARE MOUNTED OF LEFT HAND SIDE OF CONVEYOR.

8 WHEN LOADING CBW STRAIGHT-IN , SEE BD605CNWBB. FOR ANY OTHER LOADING, EG, DIAGONALLY) REFER TO FACTORY FOR SPECIAL REQUIREMENTS.

7 SEE CBW DIMENSIONAL DRAWINGS FOR STANDARD LOAD CHUTE CONFIGURATION.

6 AS OF THIS WRITING, THE MINIMUM CLEARANCE REQUIRED BY U.S. NATIONAL ELECTRIC CODES, FROM ELECTRIC BOX TO ANY OBJECT IS:
36 [914] IF OBJECT IS AN UNGROUNDED (INSULATED) WALL.
42 [1067] IF OBJECT IS A GROUNDED WALL (ie. BARE CONCRETE, BRICK, ETC.)
48 [1219] IF OBJECT IS ANY LIVE PART.
CHECK LOCAL ELECTRIC CODES FOR FURTHER RESTRICTIONS.

5 CUSTOMER TO SUPPLY CIRCUIT BREAKER OR FUSED BRANCH CIRCUIT DISCONNECT (SAFETY) SWITCHES WITH LAG TYPE FUSES FROM POWER SOURCE TO MACHINE. A SEPARATE GROUND WIRE MUST BE CONNECTED FROM DISCONNECT TO EQUIPMENT.

4 BASELINE "Z" IS THE REFERENCE FOR ALL VERTICAL DIMENSIONS. ON MACHINES WITH WITH FIXED BASE PADS, BASELINE "Z" CORRESPONDS TO THE BOTTOM OF THE BASE PAD. ON MACHINES WITH ADJUSTABLE FEET, BASELINE "Z" CORRESPONDS TO THE BOTTOM OF THE FEET WHEN ADJUSTED SO THAT THE MACHINE IS AT ITS MINIMUM ACCEPTABLE HEIGHT. ON TRAVERSING SHUTTLES, BASELINE "Z" CORRESPONDS TO THE BOTTOM OF THE BOTTOM RAIL. THE DISTANCE BETWEEN BASELINE "Z" AND THE FINISHED FLOOR WILL VARY AS REQUIRED TO ENSURE BASELINE "Z" IS HORIZONTAL AND ANY INTERFACING MACHINES REQUIRING GROUT ARE SET ON A MINIMUM 1"[25] THICK GROUT BED.

3 USE REFERENCE LINES "X", "Y", AND "Z" TO LOCATE ALL SERVICE CONNECTIONS.

2 NUMBERS IN BRACKETS [] DENOTE DIMENSIONS IN MILLIMETERS.

1 ALL DIMENSIONS SHOWN ARE APPROXIMATE, SUBJECT TO NORMAL MANUFACTURING TOLERANCES, AND TO OCCASIONAL CHANGES WITHOUT NOTICE THROUGH REDESIGN AND/OR RELOCATION OF COMPONENTS, ETC. DO NOT USE FOR CONSTRUCTION UNLESS CERTIFIED, AND IN NO EVENT PRE-PIPE CLOSER THAN 5 FEET FROM MACHINE. FACTORY MUST BE CONSULTED FOR DIMENSIONS IF MACHINE IS TO BE MOVED THROUGH NARROW OR LOW CORRIDORS OR OPENINGS.

ATTENTION

MOST REGULATORY AUTHORITIES (INCLUDING OSHA IN THE USA) HOLD THE OWNER/USER ULTIMATELY RESPONSIBLE TO MAINTAIN A SAFE WORKING ENVIRONMENT. ACCORDINGLY, THE OWNER/USER MUST RECOGNIZE ALL FORESEEABLE SAFETY HAZARDS, FURNISH SAFETY INSTRUCTIONS AND GUIDANCE TO ALL PERSONNEL WHO MAY COME IN CONTACT WITH THE INSTALLATION, AND PROVIDE ALL NECESSARY ADDITIONAL SAFETY GUARDS, FENCES, RESTRAINTS, DEVICES, ETC., NOT FURNISHED BY THE EQUIPMENT MANUFACTURER OR VENDOR.

ATTENTION

THE FLOOR AND/OR OTHER SUPPORT COMPONENTS MUST HAVE SUFFICIENT STRENGTH (AND RIGIDITY WITH DUE CONSIDERATION FOR NATURAL OR RESONANT FREQUENCY THEREOF) TO WITHSTAND THE FULLY LOADED WEIGHT OF THE MACHINE INCLUDING THE GOODS, THE WATER, AND ANY REPEATED SINUSOIDAL (ROTATING) FORCES GENERATED DURING ITS OPERATION. WRITE THE FACTORY FOR ADDITIONAL MACHINE DATA FOR USE BY A COMPETENT SOIL AND/OR STRUCTURAL ENGINEER.

CONWA605 (115K)

DM 0 0.5M 1M
INCHES 0 12 24 36

DWG# BD605CNWBE
2013393D

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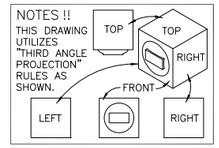
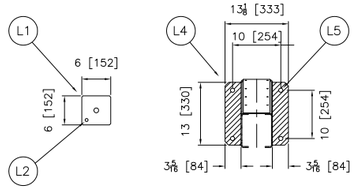
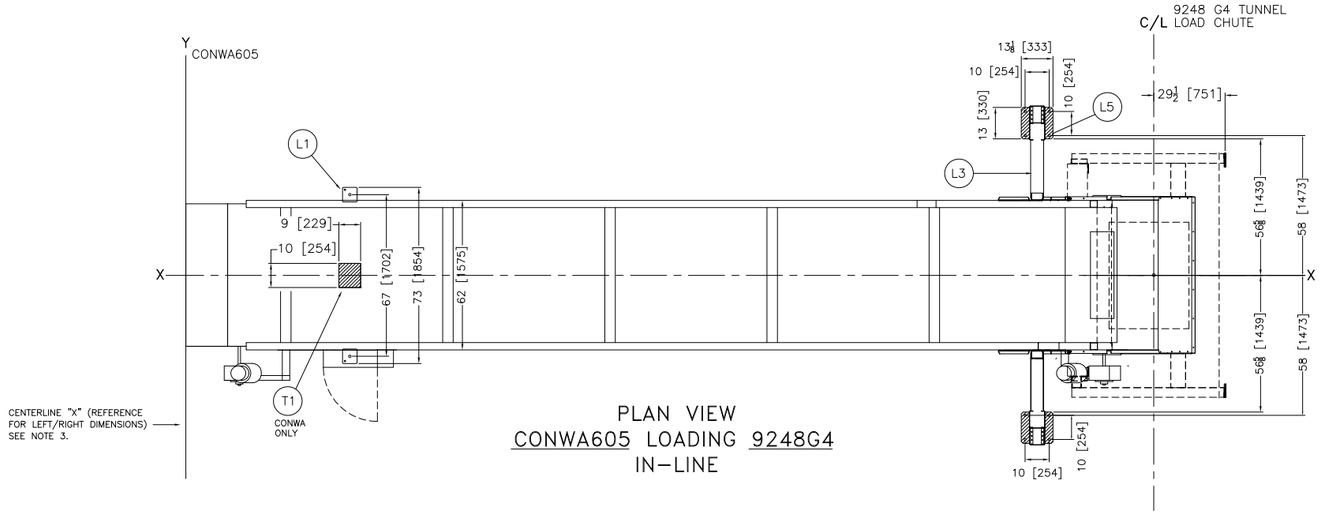
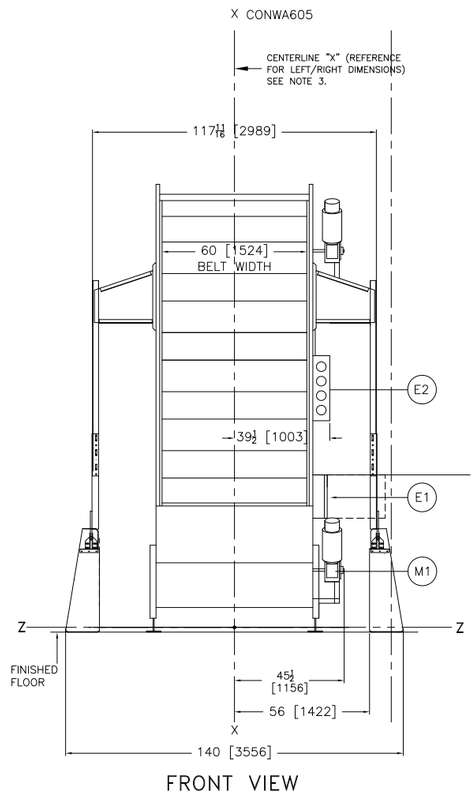




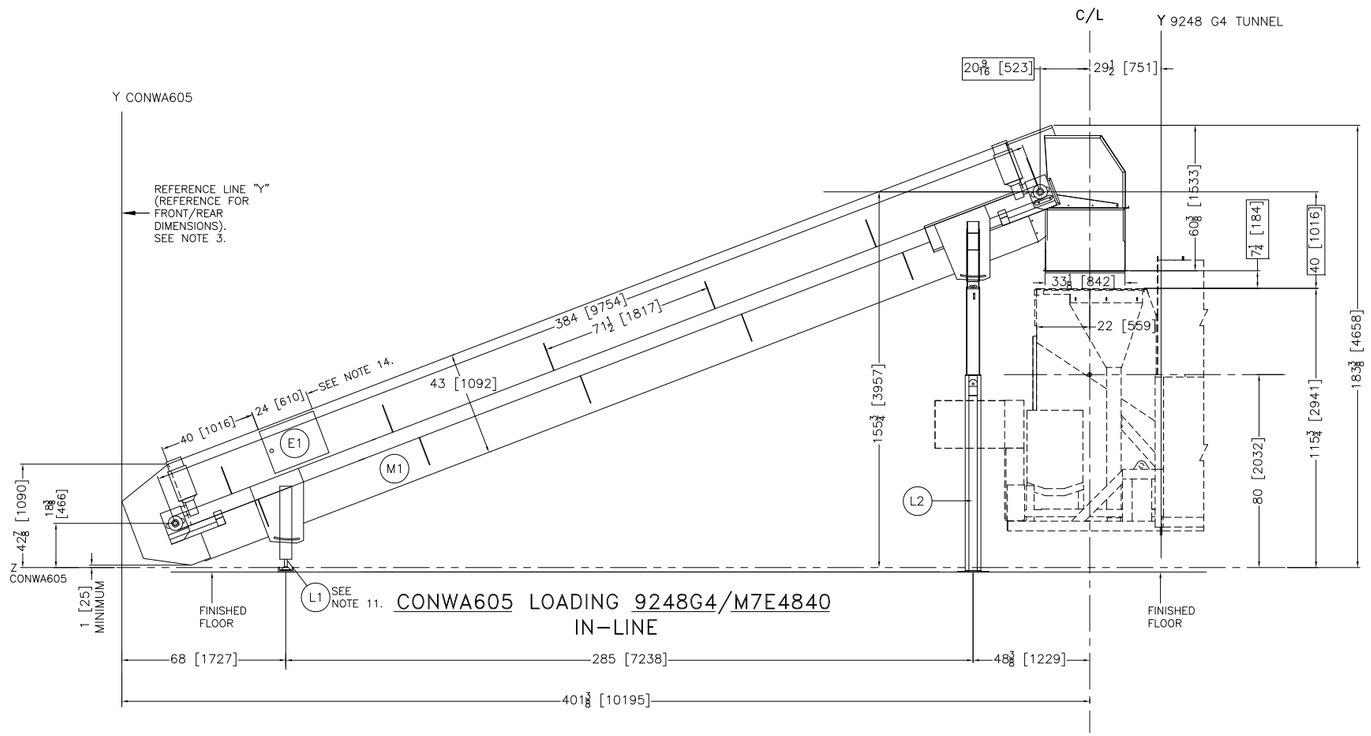
FOOTPAD DETAILS



PLAN VIEW
CONWA605 LOADING 9248G4
IN-LINE



FRONT VIEW



CONWA605 LOADING 9248G4/M7E4840
IN-LINE

ITEM	LEGEND
T1	WEIGHT SCALE FOR CONWA ONLY.
L5	ANCHOR BOLT HOLES, 7/8"[22] DIAMETER
L4	FOOTPAD, FOR IN-LINE G4 TUNNEL LOADING
L3	DISCHARGE LEGS FOR IN-LINE G4 TUNNEL LOADING
L2	5/8"[16] DIAMETER ANCHOR BOLT HOLE FOR 1/2" BOLT
L1	INSTALLATION LEGS
E2	CONWA LIGHTS, CONWA MODEL ONLY. SEE NOTE 10.
E1	ELECTRIC BOX (ELECTRICAL POWER CONNECTION)

NOTES

14 INSTALLATION RESTRICTIONS MAY REQUIRE SPECIAL PLACEMENT OF THE ELECTRIC BOX ALONG THE SIDE OF THE CONVEYOR. THIS MAY BE SPECIFIED IN THE ORDER.

13 CONWA FRONT LEGS, L1, ARE FOR INSTALLATION ONLY. AFTER THE LOAD CELL IS INSTALLED, THESE LEGS SHOULD BE ADJUSTED TO NOT REST ON THE FLOOR.

12 INSTALL WEIGH SCALE ASSEMBLY 3/8" [10] ABOVE FINISHED FLOOR.

11 CONWA LIGHTS AID OPERATOR TO REACH CORRECT LOAD WEIGHT. THE LIGHTS ARE ARE MOUNTED ON THE SAME SIDE AS THE CONTROL BOX, APPROXIMATELY MIDWAY ON THE CONVEYOR WHEN SHIPPED.
NOTE: CONWA LIGHTS MAY BE HIGHEST POINT ON CONVEYOR AND SHOULD BE CONSIDERED WHEN PLANNING VERTICAL CLEARANCE.
LIGHTS MAY BE LOCATED ANYWHERE ALONG CONVEYOR LENGTH, AND ANGLE OF VIEW IS ADJUSTABLE.

10 DO NOT SET THE CONLO\CONWA IN PLACE UNTIL THE CBW HAS BEEN INSTALLED. SEE INTERFACING DIMENSIONAL DRAWING FOR MORE DETAILS.

9 ELECTRICAL BOX AND DRIVE MOTOR ARE MAY BE MOUNTED ON RIGHT OR LEFT HAND SIDE OF CONVEYOR , AS SPECIFIED.

8 WHEN LOADING AT 90° , SEE BD60CNWBE. FOR ANY OTHER LOADING, EG, DIAGONALLY) REFER TO FACTORY FOR SPECIAL REQUIREMENTS.

7 SEE CBW DIMENSIONAL DRAWINGS FOR STANDARD LOAD CHUTE CONFIGURATION.

6 AS OF THIS WRITING, THE MINIMUM CLEARANCE REQUIRED BY U.S. NATIONAL ELECTRIC CODES, FROM ELECTRIC BOX TO ANY OBJECT IS:
36 [914] IF OBJECT IS AN UNGROUNDED (INSULATED) WALL.
42 [1067] IF OBJECT IS A GROUNDED WALL (ie. BARE CONCRETE, BRICK, ETC.)
48 [1219] IF OBJECT IS ANY LIVE PART.
CHECK LOCAL ELECTRIC CODES FOR FURTHER RESTRICTIONS.

5 CUSTOMER TO SUPPLY CIRCUIT BREAKER OR FUSED BRANCH CIRCUIT DISCONNECT (SAFETY) SWITCHES WITH LAG TYPE FUSES FROM POWER SOURCE TO MACHINE. A SEPARATE GROUND WIRE MUST BE CONNECTED FROM DISCONNECT TO EQUIPMENT.

4 BASELINE "Z" IS THE REFERENCE FOR ALL VERTICAL DIMENSIONS. ON MACHINES WITH WITH FIXED BASE PADS, BASELINE "Z" CORRESPONDS TO THE BOTTOM OF THE BASE PAD. ON MACHINES WITH ADJUSTABLE FEET, BASELINE "Z" CORRESPONDS TO THE BOTTOM OF THE FEET WHEN ADJUSTED SO THAT THE MACHINE IS AT ITS MINIMUM ACCEPTABLE HEIGHT. ON TRAVERSING SHUTTLES, BASELINE "Z" CORRESPONDS TO THE BOTTOM OF THE BOTTOM RAIL. THE DISTANCE BETWEEN BASELINE "Z" AND THE FINISHED FLOOR WILL VARY AS REQUIRED TO ENSURE BASELINE "Z" IS HORIZONTAL AND ANY INTERFACING MACHINES REQUIRING GROUT ARE SET ON A MINIMUM 1"[25] THICK GROUT BED.

3 USE REFERENCE LINES "X", "Y", AND "Z" TO LOCATE ALL SERVICE CONNECTIONS.

2 NUMBERS IN BRACKETS [] DENOTE DIMENSIONS IN MILLIMETERS.

1 ALL DIMENSIONS SHOWN ARE APPROXIMATE, SUBJECT TO NORMAL MANUFACTURING TOLERANCES, AND TO OCCASIONAL CHANGES WITHOUT NOTICE THROUGH REDESIGN AND/OR RELOCATION OF COMPONENTS, ETC. DO NOT USE FOR CONSTRUCTION UNLESS CERTIFIED, AND IN NO EVENT PRE-PIPE CLOSER THAN FIVE FEET FROM MACHINE. FACTORY MUST BE CONSULTED FOR DIMENSIONS IF MACHINE IS TO BE MOVED THROUGH NARROW OR LOW CORRIDORS OR OPENINGS.

ATTENTION

MOST REGULATORY AUTHORITIES (INCLUDING OSHA IN THE USA) HOLD THE OWNER/USER ULTIMATELY RESPONSIBLE TO MAINTAIN A SAFE WORKING ENVIRONMENT. ACCORDINGLY, THE OWNER/USER MUST RECOGNIZE ALL FORESEEABLE SAFETY HAZARDS, FURNISH SAFETY INSTRUCTIONS AND GUIDANCE TO ALL PERSONNEL WHO MAY COME IN CONTACT WITH THE INSTALLATION, AND PROVIDE ALL NECESSARY ADDITIONAL SAFETY GUARDS, FENCES, RESTRAINTS, DEVICES, ETC., NOT FURNISHED BY THE EQUIPMENT MANUFACTURER OR VENDOR.

ATTENTION

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CONWA605 (115K) OPTIONS

DM 0 0.5M 1M
INCHES 0 12 24 36

DWG# BD605CNWBB
2013393D

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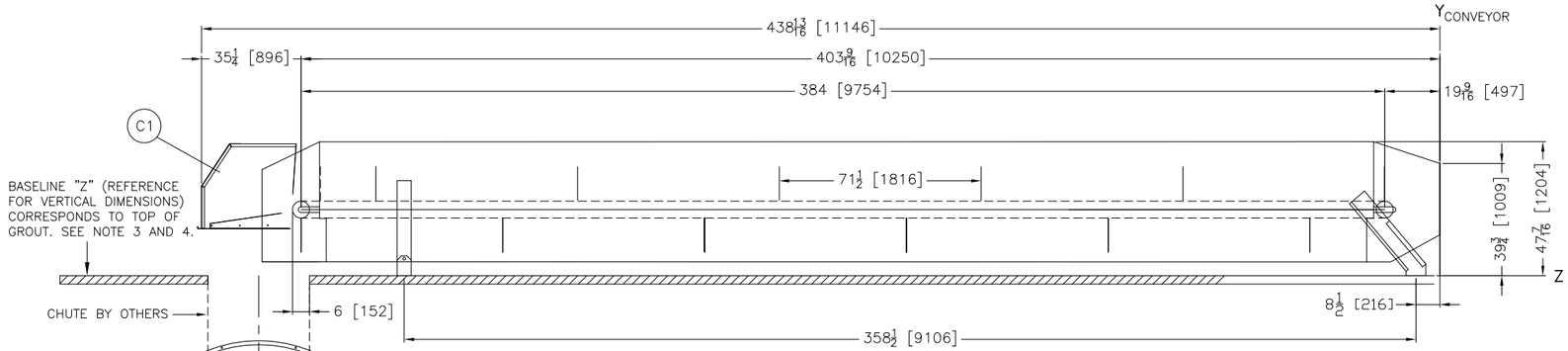
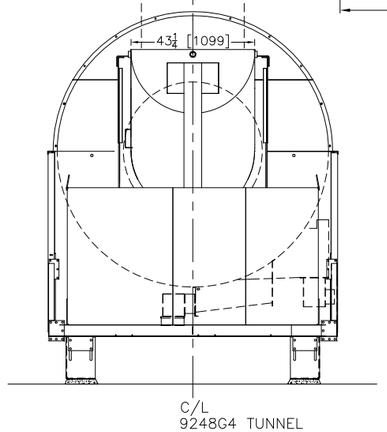
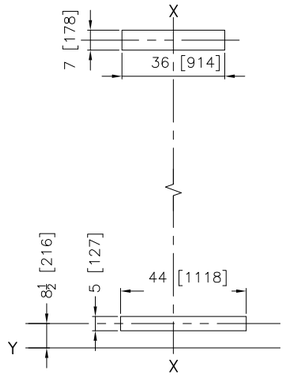
FAX 504/469-1849, Telex ITT 460124/PELM UI, Cable PELMILNOR

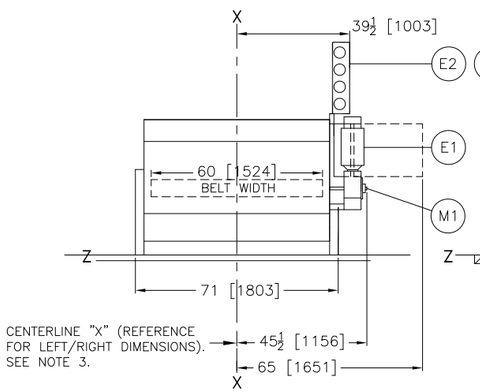


LEFT VIEW
(RIGHT HAND LOADING SHOWN)

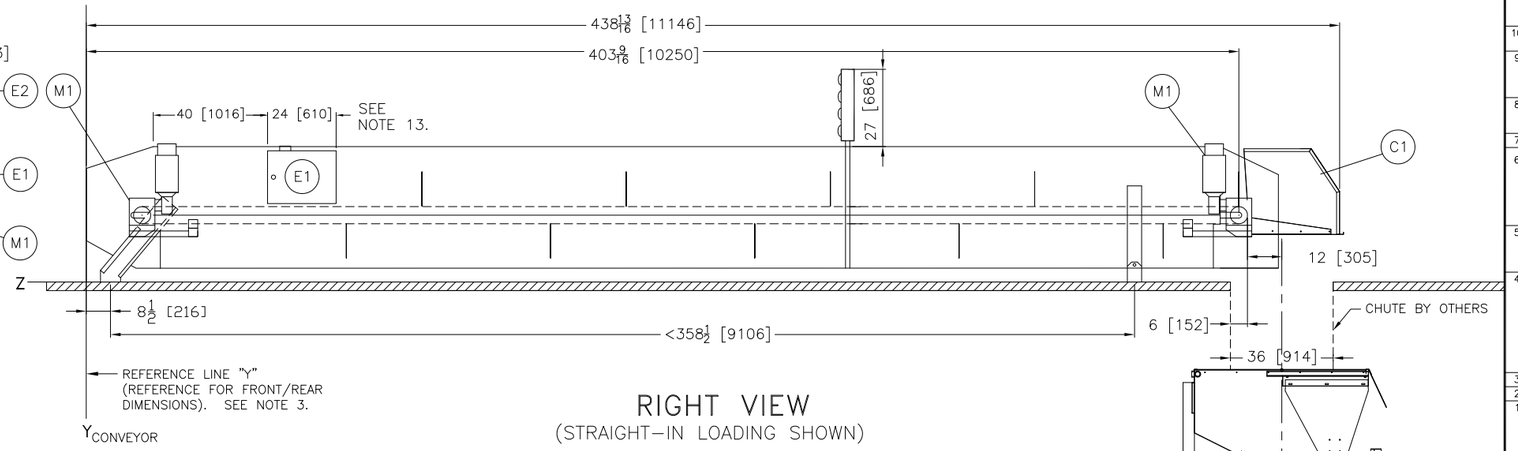




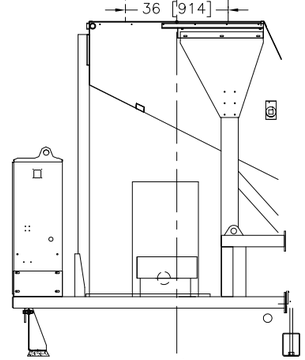
CONWA SUPPORTS
PLAN VIEW

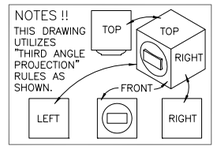


FRONT VIEW



RIGHT VIEW
(STRAIGHT–IN LOADING SHOWN)





ITEM	LEGEND
T3	CONLO SUPPORTS.
T2	PIVOTING BASE FOR CONWA ONLY.
T1	WEIGHT SCALE FOR CONWA ONLY.
M1	DRIVE MOTOR
E2	CONWA LIGHTS, CONWA MODEL ONLY. SEE NOTE 11.
E1	ELECTRIC BOX (ELECTRICAL POWER CONNECTION)
C1	LOAD CHUTE ASSEMBLY, INSTALLED AT INSTALLATION

NOTES

13 INSTALLATION RESTRICTIONS MAY REQUIRE SPECIAL PLACEMENT OF THE ELECTRIC BOX ALONG THE SIDE OF THE CONVEYOR. THIS MAY BE SPECIED IN THE ORDER.

12 INSTALL WEIGH SCALE ASSEMBLY 3/8" [10] ABOVE FINISHED FLOOR.

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9 ELECTRICAL BOX AND DRIVE MOTOR ARE USUALLY MOUNTED ON RIGHT HAND SIDE OF CONVEYOR (SEE FRONT VIEW). HOWEVER, FOR A RIGHT HAND CONVEYOR LOADING (AS SHOWN IN LEFT SIDE VIEW) ELECTRICAL BOX AND DRIVE MOTOR ARE MOUNTED OF LEFT HAND SIDE OF CONVEYOR.

8 WHEN LOADING IS OTHER THAN STRAIGHT–IN OR 90° FROM CBW (I.E. WHEN CONVEYOR ADDRESSES WASHER DIAGONNALY) REFER TO FACTORY FOR SPECIAL REQUIREMENTS.

7 SEE CBW DIMENSIONAL DRAWINGS FOR STANDARD LOAD CHUTE CONFIGURATION.

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CONWA605 (115K) HORIZONTAL

DM 0 0.5M 1M
INCHES 0 12 24 36

DWG# BD605CNWBC
2013393D

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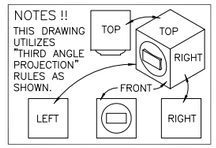
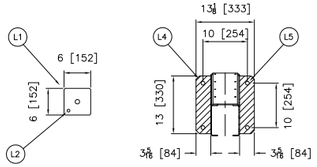
FAX 504/469–1849, Telex ITT 460124/PELM UI, Cable PELMILNOR

DIMENSIONS THAT VARY WITH MACHINE MODEL																					
MODEL No.	CONVEYOR UNITS	DIMENSION "A"		DIMENSION "B"		DIMENSION "C"		DIMENSION "D"		DIMENSION "E"		DIMENSION "F"		DIMENSION "G"		DIMENSION "H"		DIMENSION "J"		DIMENSION "K"	
		INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm
306	9'+9'	228	5791	234	5944	227 1/8	5770	66	1677	123 5/8	3141	–	–	36 1/2	927	26 3/4	679	15	381	56 1/8	1426
307	7'+7'+7'	264	6706	270	6858	267	6781	67 1/8	1706	161	4090	–	–	36	914	25 1/4	640	14	356	55 1/8	356
308	9'+7'+9'	312	7925	318	8077	318 1/2	8089	67 3/4	1720	211	5358	–	–	37 1/2	953	24 1/8	614	14	356	55 1/8	356
309	9'+9'+9'	336	8534	342	8687	343 5/8	8729	67 7/8	1723	235 3/4	5987	–	–	36	914	23 3/4	605	14	356	55 1/8	356
310	9'+4'+9'+9'	384	9754	390	9906	393 3/8	9993	68	1727	284 7/8	7235	103 1/4	2624	37 1/2	953	23 3/4	605	14	356	55 1/8	356
311	9'+7'+9'+9'	420	10668	426	10820	430 3/8	10932	68	1727	321 5/8	8168	104 1/4	2649	37	940	23 3/4	605	14	356	55 1/8	356
312	9'+9'+9'+9'	444	11278	450	11430	455	11556	68	1727	346	8788	104 1/4	2649	36	914	23 3/4	605	14	356	55 1/8	356

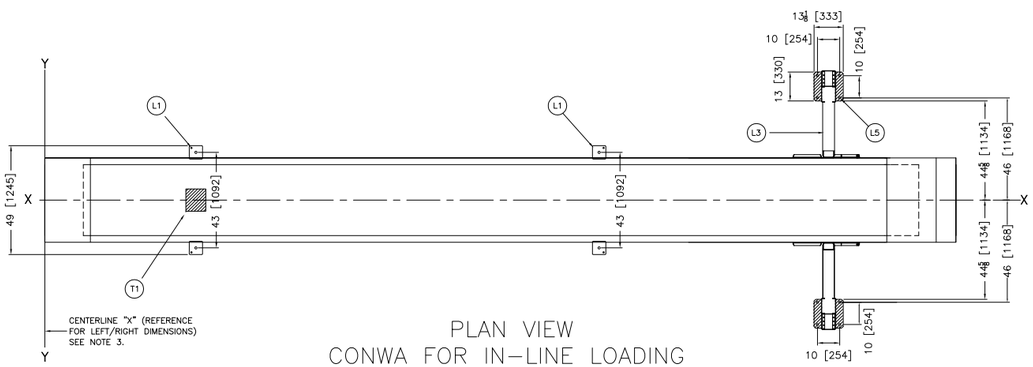
NOTES !!
THIS DRAWING UTILIZES "THIRD ANGLE PROJECTION" RULES AS SHOWN.



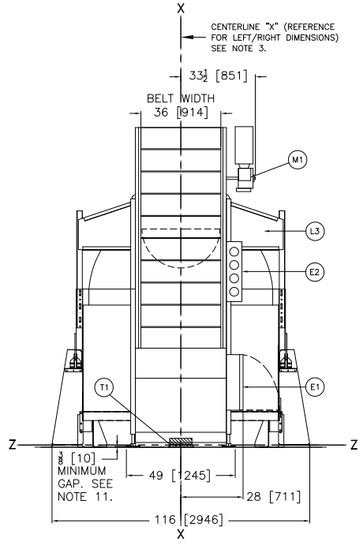
DIMENSIONS ONLY FOR 50K CONWA LOADING G3 PF TUNNELS AT 67"[1702] CENTERLINE.



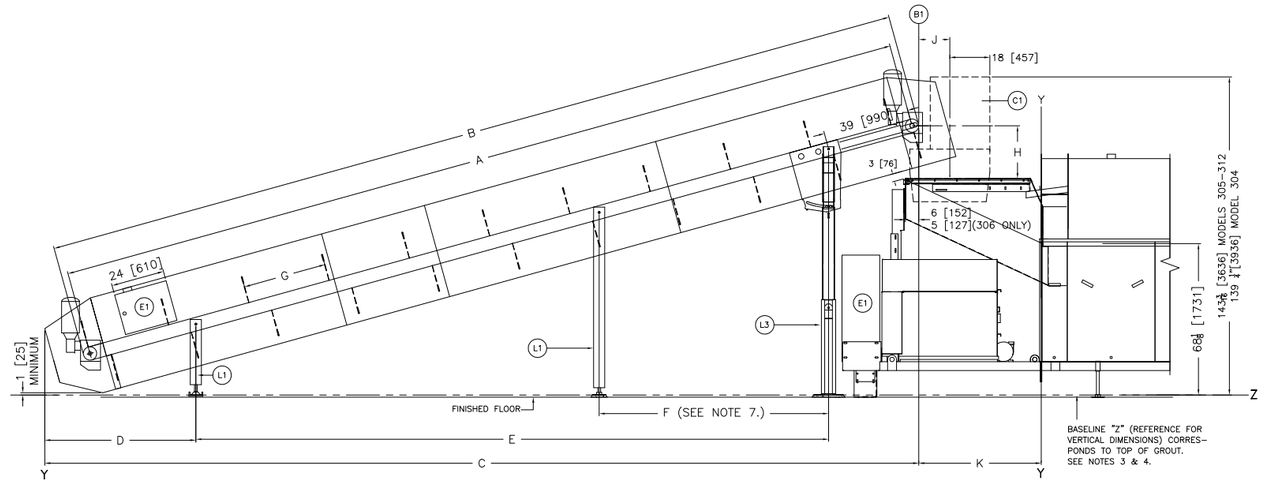
FOOTPAD DETAILS



PLAN VIEW
CONWA FOR IN-LINE LOADING
(76028PF TUNNEL WITH EXTENDED LOAD CHUTE)



FRONT VIEW



RIGHT SIDE VIEW
CONWA FOR IN-LINE LOADING
(76028PF TUNNEL WITH EXTENDED LOAD CHUTE)

ITEM	LEGEND
L5	ANCHOR BOLT HOLES, 7/8"[22] DIAMETER
L4	FOOTPAD, G3 DISCHARGE LEG
L3	DISCHARGE LEGS USED WITH G3 TUNNELS ONLY.
L2	5/8"[16] DIAMETER ANCHOR BOLT HOLE FOR 1/2" BOLT
L1	STANDARD LEG SUPPORT & FOOTPAD
T3	CONLO SUPPORTS.
T2	PIVOT FOR CONWA ONLY.
T1	WEIGHT SCALE FOR CONWA ONLY.
M1	DRIVE MOTOR
E2	CONWA LIGHTS, CONWA MODEL ONLY. SEE NOTE 10.
E1	ELECTRIC BOX (ELECTRICAL POWER CONNECTION)
C1	LOAD CHUTE ASSEMBLY, INSTALLED AT INSTALLATION

NOTES

11 INSTALL WEIGH SCALE ASSEMBLY 3/8" [10] ABOVE FINISHED FLOOR.

10 CONWA LIGHTS AID OPERATOR TO REACH CORRECT LOAD WEIGHT. THE LIGHTS ARE ARE MOUNTED ON THE SAME SIDE AS THE CONTROL BOX, APPROXIMATELY MIDWAY ON THE CONVEYOR WHEN SHIPPED.
NOTE: CONWA LIGHTS MAY BE HIGHEST POINT ON CONVEYOR AND SHOULD BE CONSIDERED WHEN PLANNING VERTICAL CLEARANCE.
LIGHTS MAY BE LOCATED ANYWHERE ALONG CONVEYOR LENGTH, AND ANGLE OF VIEW IS ADJUSTABLE.

9 DO NOT SET THE CONLO\CONWA IN PLACE UNTIL THE CBW HAS BEEN INSTALLED. INTERFACING DIMENSIONAL DRAWING FOR MORE DETAILS.

8 ELECTRICAL BOX AND DRIVE MOTOR ARE USUALLY MOUNTED ON RIGHT HAND SIDE OF CONVEYOR (SEE FRONT VIEW). HOWEVER, FOR A RIGHT HAND CONVEYOR LOADING (AS SHOWN IN LEFT SIDE VIEW AND FRONT VIEW) ELECTRICAL BOX AND DRIVE MOTOR ARE MOUNTED OF LEFT HAND SIDE OF CONVEYOR.

7 A THIRD PAIR OF LEGS IS USED ONLY ON 310 AND LONGER CONVEYORS.

6 AS OF THIS WRITING, THE MINIMUM CLEARANCE REQUIRED BY U.S. NATIONAL ELECTRIC CODES, FROM ELECTRIC BOX TO ANY OBJECT IS:
36 [914] IF OBJECT IS AN UNGROUNDED (INSULATED) WALL.
42 [1067] IF OBJECT IS A GROUNDED WALL (ie. BARE CONCRETE, BRICK, ETC.)
48 [1219] IF OBJECT IS ANY LIVE PART.
CHECK LOCAL ELECTRIC CODES FOR FURTHER RESTRICTIONS.

5 CUSTOMER TO SUPPLY CIRCUIT BREAKER OR FUSED BRANCH CIRCUIT DISCONNECT (SAFETY) SWITCHES WITH LAG TYPE FUSES FROM POWER SOURCE TO MACHINE. A SEPARATE GROUND WIRE MUST BE CONNECTED FROM DISCONNECT TO EQUIPMENT.

4 BASELINE "Z" IS THE SAME FOR ALL MILNOR MACHINES AND IS SHOWN ON ALL DIMENSIONAL DRAWINGS. THE DISTANCE BETWEEN BASELINE "Z" AND THE FINISHED FLOOR MAY VARY (WITH CHANGES IN FLOOR HEIGHT) AS REQUIRED TO INSURE THAT BASELINE "Z" IS HORIZONTAL AND ALL COMPONENTS REQUIRING GROUT ARE SET ON A MINIMUM 1" [25] THICK GROUT BED.

3 USE REFERENCE LINES "X", "Y", AND "Z" TO LOCATE ALL SERVICE CONNECTIONS.

2 NUMBERS IN BRACKETS [] DENOTE DIMENSIONS IN MILLIMETERS.

1 ALL DIMENSIONS SHOWN ARE APPROXIMATE, SUBJECT TO NORMAL MANUFACTURING TOLERANCES, AND TO OCCASIONAL CHANGES WITHOUT NOTICE THROUGH REDESIGN AND/OR RELOCATION OF COMPONENTS, ETC. DO NOT USE FOR CONSTRUCTION UNLESS CERTIFIED, AND IN NO EVENT PRE-PIPE CLOSER THAN FIVE FEET FROM MACHINE. FACTORY MUST BE CONSULTED FOR DIMENSIONS IF MACHINE IS TO BE MOVED THROUGH NARROW OR LOW CORRIDORS OR OPENINGS.

ATTENTION

MOST REGULATORY AUTHORITIES (INCLUDING OSHA IN THE USA) HOLD THE OWNER/USER ULTIMATELY RESPONSIBLE TO MAINTAIN A SAFE WORKING ENVIRONMENT. ACCORDINGLY, THE OWNER/USER MUST RECOGNIZE ALL FORESEEABLE SAFETY HAZARDS, FURNISH SAFETY INSTRUCTIONS AND GUIDANCE TO ALL PERSONNEL WHO MAY COME IN CONTACT WITH THE INSTALLATION, AND PROVIDE ALL NECESSARY ADDITIONAL SAFETY GUARDS, FENCES, RESTRAINTS, DEVICES, ETC., NOT FURNISHED BY THE EQUIPMENT MANUFACTURER OR VENDOR.

ATTENTION

THE FLOOR AND/OR OTHER SUPPORT COMPONENTS MUST HAVE SUFFICIENT STRENGTH (AND RIGIDITY WITH DUE CONSIDERATION FOR NATURAL OR RESONANT FREQUENCY THEREOF) TO WITHSTAND THE FULLY LOADED WEIGHT OF THE MACHINE INCLUDING THE GOODS, THE WATER, AND ANY REPEATED SINUSOIDAL (ROTATING) FORCES GENERATED DURING ITS OPERATION. WRITE THE FACTORY FOR ADDITIONAL MACHINE DATA FOR USE BY A COMPETENT SOIL AND/OR STRUCTURAL ENGINEER.

50K CONWA-PF TUNNEL INLINE

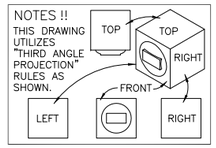
DM 0 0.5M 1M
INCHES 0 12 24 36

DWG# BDPF50KCG3AE
2010343D

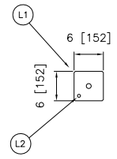
PELLERIN MILNOR CORPORATION
P.O. Box 400 Kenner, LA 70063, USA, Phone 504/467-9591,
FAX 504/469-1849, Telex ITT 460124/PELM UI, Cable PELMILNOR

DIMENSIONS THAT VARY WITH MACHINE MODEL																	
MODEL No.	CONVEYOR UNITS	DIMENSION "A"		DIMENSION "B"		DIMENSION "C"		DIMENSION "D"		DIMENSION "E"		DIMENSION "F"		DIMENSION "G"		DIMENSION "H"		DIMENSION "J"	
		INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm
306	9'+9'	228	5791	234	5944	227	5767	66	1675	125 3/8	3185	–	–	36 1/2	927	26 1/16	661	12 1/8	308
307	7'+7'+7'	264	6706	270	6858	267	6781	67	1702	161 1/4	4095	–	–	36	914	26	661	12 1/8	308
308	9'+7'+9'	312	7925	318	8077	318 1/2	8089	67 3/4	1720	211	5358	–	–	37 1/2	953	24 1/4	617	12 1/8	308
309	9'+9'+9'	336	8534	342	8687	343 5/8	8729	67 7/8	1723	235 3/4	5987	–	–	36	914	23 7/8	608	12 1/8	308
310	9'+4'+9'+9'	384	9754	390	9906	393 3/8	9993	68	1727	284 7/8	7235	103 1/4	2624	37 1/2	953	23 7/8	608	12 1/8	308
311	9'+7'+9'+9'	420	10668	426	10820	430 3/8	10932	68	1727	321 5/8	8168	104	2641	37	940	23 7/8	608	12 1/8	308
312	9'+9'+9'+9'	444	11278	450	11430	455	11556	68	1727	346	8788	104 1/4	2649	36	914	23 7/8	608	12 1/8	308

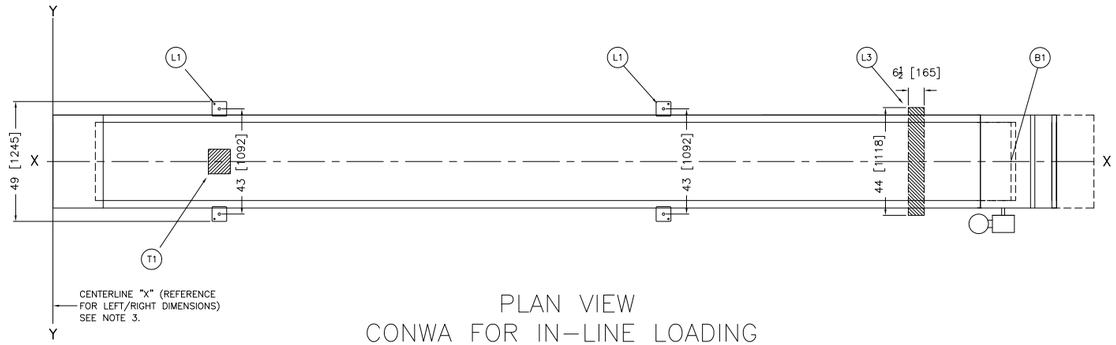
NOTES !!
THIS DRAWING UTILIZES "THIRD ANGLE PROJECTION" RULES AS SHOWN.



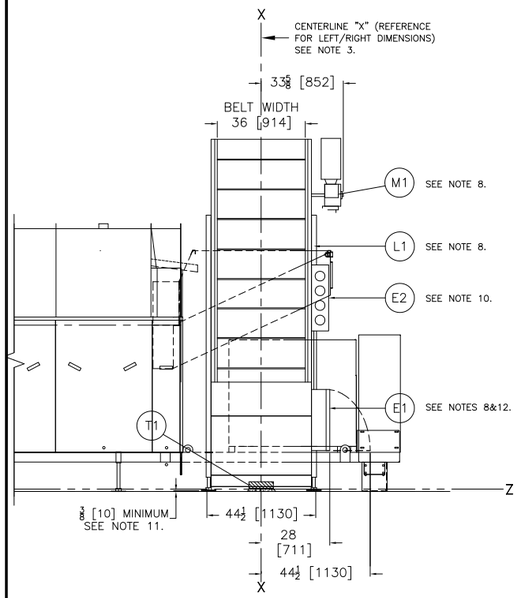
DIMENSIONS ONLY FOR 50K CONWA LOADING G3 PF TUNNELS AT 67"[1702] CENTERLINE.



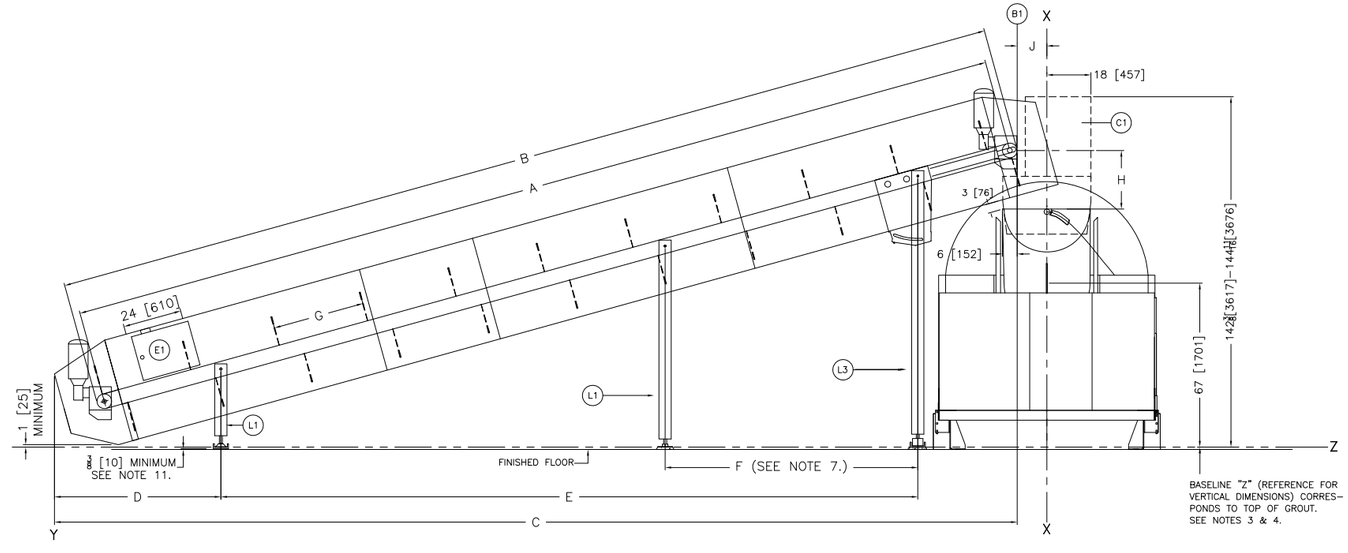
FOOTPAD DETAILS



PLAN VIEW
CONWA FOR IN–LINE LOADING
(76028PF TUNNEL WITH EXTENDED LOAD CHUTE)



FRONT VIEW



RIGHT SIDE VIEW
CONWA FOR IN–LINE LOADING
(76028PF TUNNEL WITH EXTENDED LOAD CHUTE)

ITEM	LEGEND
L5	ANCHOR BOLT HOLES, 7/8"[22] DIAMETER
L4	FOOTPAD, G3 DISCHARGE LEG
L3	DISCHARGE LEGS USED WITH G3 TUNNELS ONLY.
L2	5/8"[16] DIAMETER ANCHOR BOLT HOLE FOR 1/2" BOLT
L1	STANDARD LEG SUPPORT & FOOTPAD
T3	CONLO SUPPORTS.
T2	PIVOT FOR CONWA ONLY.
T1	WEIGHT SCALE FOR CONWA ONLY.
M1	DRIVE MOTOR
E2	CONWA LIGHTS, CONWA MODEL ONLY. SEE NOTE 10.
E1	ELECTRIC BOX (ELECTRICAL POWER CONNECTION)
C1	LOAD CHUTE ASSEMBLY, INSTALLED AT INSTALLATION
B1	OUTER EDGE OF DISCHARGE ROLLER

NOTES

11 CONWA FRONT LEGS, L1, ARE FOR INSTALLATION ONLY. AFTER THE LOAD CELL IS INSTALLED, ADJUST THESE LEGS TO NOT REST ON THE FLOOR, 3/8"[10] GAP MINIMUM.

10 CONWA LIGHTS AID OPERATOR TO REACH CORRECT LOAD WEIGHT. THE LIGHTS ARE ARE MOUNTED ON THE SAME SIDE AS THE CONTROL BOX, APPROXIMATELY MIDWAY ON THE CONVEYOR WHEN SHIPPED.
NOTE: CONWA LIGHTS MAY BE HIGHEST POINT ON CONVEYOR AND SHOULD BE CONSIDERED WHEN PLANNING VERTICAL CLEARANCE.
LIGHTS MAY BE LOCATED ANYWHERE ALONG CONVEYOR LENGTH, AND ANGLE OF VIEW IS ADJUSTABLE.

9 DO NOT SET THE CONLO\CONWA IN PLACE UNTIL THE CBW HAS BEEN INSTALLED. INTERFACING DIMENSIONAL DRAWING FOR MORE DETAILS.

8 ELECTRICAL BOX AND DRIVE MOTOR ARE USUALLY MOUNTED ON RIGHT HAND SIDE OF CONVEYOR (SEE FRONT VIEW). HOWEVER, FOR A RIGHT HAND CONVEYOR LOADING (AS SHOWN IN LEFT SIDE VIEW AND FRONT VIEW) ELECTRICAL BOX AND DRIVE MOTOR ARE MOUNTED OF LEFT HAND SIDE OF CONVEYOR.

7 A THIRD PAIR OF LEGS IS USED ONLY ON 310 AND LONGER CONVEYORS.

6 AS OF THIS WRITING, THE MINIMUM CLEARANCE REQUIRED BY U.S. NATIONAL ELECTRIC CODES, FROM ELECTRIC BOX TO ANY OBJECT IS:
36 [914] IF OBJECT IS AN UNGROUNDED (INSULATED) WALL.
42 [1067] IF OBJECT IS A GROUNDED WALL (ie. BARE CONCRETE, BRICK, ETC.)
48 [1219] IF OBJECT IS ANY LIVE PART.
CHECK LOCAL ELECTRIC CODES FOR FURTHER RESTRICTIONS.

5 CUSTOMER TO SUPPLY CIRCUIT BREAKER OR FUSED BRANCH CIRCUIT DISCONNECT (SAFETY) SWITCHES WITH LAG TYPE FUSES FROM POWER SOURCE TO MACHINE. A SEPARATE GROUND WIRE MUST BE CONNECTED FROM DISCONNECT TO EQUIPMENT.

4 BASELINE "Z" IS THE SAME FOR ALL MILNOR MACHINES AND IS SHOWN ON ALL DIMENSIONAL DRAWINGS. THE DISTANCE BETWEEN BASELINE "Z" AND THE FINISHED FLOOR MAY VARY (WITH CHANGES IN FLOOR HEIGHT) AS REQUIRED TO INSURE THAT BASELINE "Z" IS HORIZONTAL AND ALL COMPONENTS REQUIRING GROUT ARE SET ON A MINIMUM 1" [25] THICK GROUT BED.

3 USE REFERENCE LINES "X", "Y", AND "Z" TO LOCATE ALL SERVICE CONNECTIONS.

2 NUMBERS IN BRACKETS [] DENOTE DIMENSIONS IN MILLIMETERS.

1 ALL DIMENSIONS SHOWN ARE APPROXIMATE, SUBJECT TO NORMAL MANUFACTURING TOLERANCES, AND TO OCCASIONAL CHANGES WITHOUT NOTICE THROUGH REDESIGN AND/OR RELOCATION OF COMPONENTS, ETC. DO NOT USE FOR CONSTRUCTION UNLESS CERTIFIED, AND IN NO EVENT PRE–PIPE CLOSER THAN FIVE FEET FROM MACHINE. FACTORY MUST BE CONSULTED FOR DIMENSIONS IF MACHINE IS TO BE MOVED THROUGH NARROW OR LOW CORRIDORS OR OPENINGS.

ATTENTION

MOST REGULATORY AUTHORITIES (INCLUDING OSHA IN THE USA) HOLD THE OWNER/USER ULTIMATELY RESPONSIBLE TO MAINTAIN A SAFE WORKING ENVIRONMENT. ACCORDINGLY, THE OWNER/USER MUST RECOGNIZE ALL FORESEEABLE SAFETY HAZARDS, FURNISH SAFETY INSTRUCTIONS AND GUIDANCE TO ALL PERSONNEL WHO MAY COME IN CONTACT WITH THE INSTALLATION, AND PROVIDE ALL NECESSARY ADDITIONAL SAFETY GUARDS, FENCES, RESTRAINTS, DEVICES, ETC., NOT FURNISHED BY THE EQUIPMENT MANUFACTURER OR VENDOR.

ATTENTION

THE FLOOR AND/OR OTHER SUPPORT COMPONENTS MUST HAVE SUFFICIENT STRENGTH (AND RIGIDITY WITH DUE CONSIDERATION FOR NATURAL OR RESONANT FREQUENCY THEREOF) TO WITHSTAND THE FULLY LOADED WEIGHT OF THE MACHINE INCLUDING THE GOODS, THE WATER, AND ANY REPEATED SINUSOIDAL (ROTATING) FORCES GENERATED DURING ITS OPERATION. WRITE THE FACTORY FOR ADDITIONAL MACHINE DATA FOR USE BY A COMPETENT SOIL AND/OR STRUCTURAL ENGINEER.

50K CONWA–PF TUNNEL 90°

DM 0 0.5M 1M
INCHES 0 12 24 36

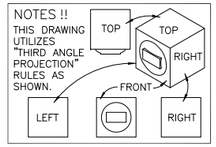
DWG# BDPF50KCG3AB
2010354D

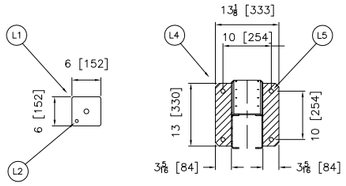
PELLERIN MILNOR CORPORATION
P.O. Box 400 Kenner, LA 70063, USA, Phone 504/467–9591,
FAX 504/469–1849, Telex ITT 460124/PELM UI, Cable PELMILNOR

DIMENSIONS THAT VARY WITH MACHINE MODEL																					
MODEL No.	CONVEYOR UNITS	DIMENSION "A"		DIMENSION "B"		DIMENSION "C"		DIMENSION "D"		DIMENSION "E"		DIMENSION "F"		DIMENSION "G"		DIMENSION "H"		DIMENSION "J"		DIMENSION "K"	
		INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm
304H	9'+9'	228	5791	234	5944	225 1/4	5723	65 3/4	1669	122 3/8	3109	–	–	52 7/16	1332	29	736	14	356	56 1/8	1426
305H	7'+7'+7'	264	6706	270	6858	266 3/4	6775	68	1727	160	4064	–	–	49 7/16	1256	25 7/8	658	14	356	56 1/8	1426
306H	9'+7'+9'	312	7925	318	8077	318 1/2	8091	67 7/8	1723	210 7/8	5357	–	–	49 3/16	1249	24	610	14	356	55 1/8	1400
307H	9'+9'+9'	336	8534	342	8687	343 3/8	8728	67 7/8	1723	235 5/8	5986	–	–	45 7/8	1165	24	610	14	356	55 1/8	1400
308H	9'+4'+9'+9'	384	9754	390	9906	393 5/8	9997	68	1727	285	7239	103 3/8	2648	46 1/8	1172	23 1/4	591	14	356	55 1/8	1400
309H	9'+7'+9'+9'	420	10668	426	10820	430 1/2	11499	68	1727	321 5/8	8171	104	2641	45	1143	23 1/4	591	14	356	55 1/8	1400
310H	9'+9'+9'+9'	444	11278	450	11430	455 1/8	12123	68	1727	346 1/8	8791	104 3/8	2650	43	1092	23 1/4	591	14	356	55 1/8	1400

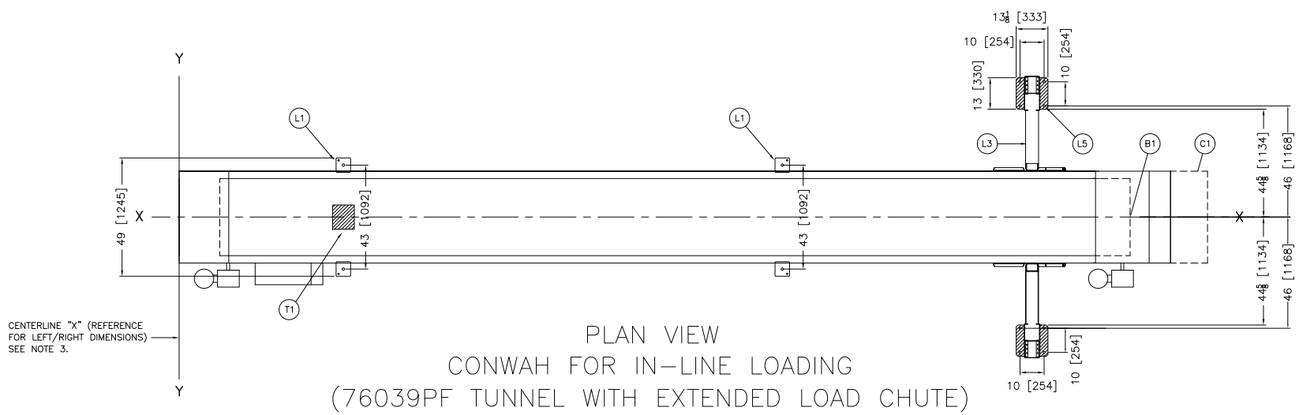
DIMENSIONS ONLY FOR 68KG CONWAH LOADING G3 PF TUNNELS AT 67"[1702] CENTERLINE.

NOTES !!
THIS DRAWING UTILIZES "THIRD ANGLE PROJECTION" RULES AS SHOWN.

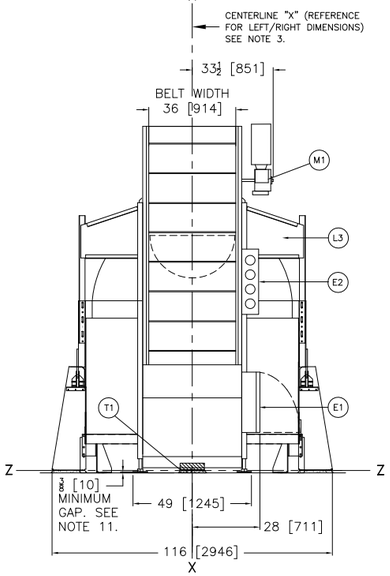




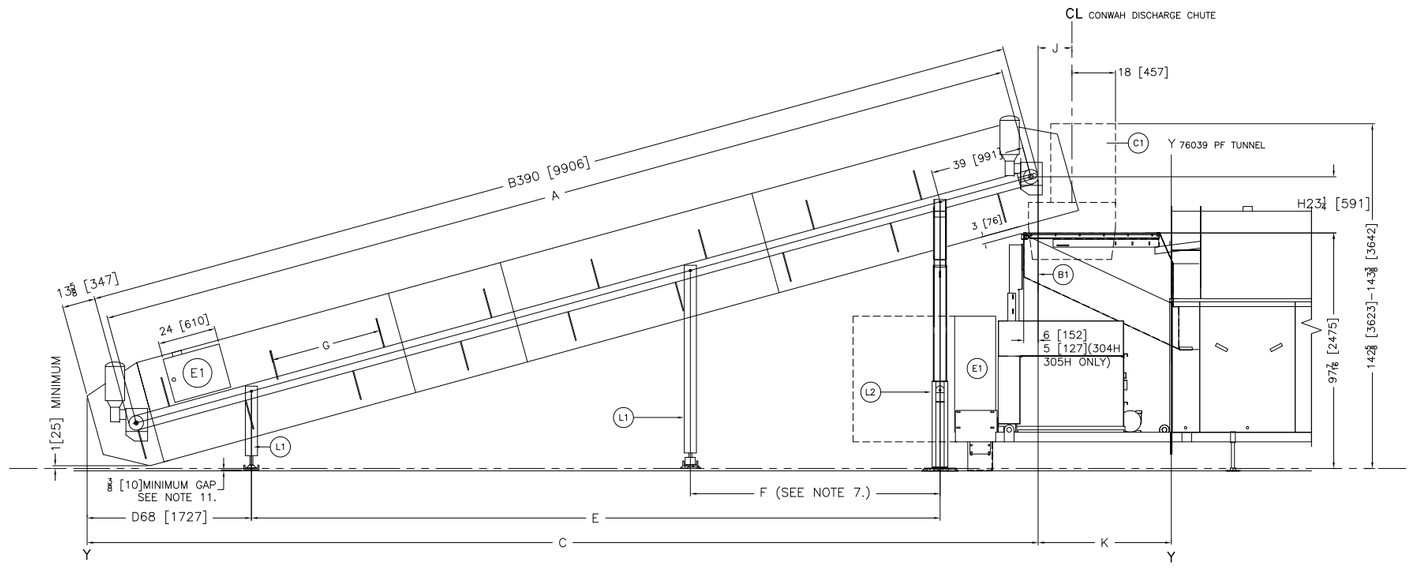
FOOTPAD DETAILS



PLAN VIEW
CONWAH FOR IN-LINE LOADING
(76039PF TUNNEL WITH EXTENDED LOAD CHUTE)



FRONT VIEW



RIGHT SIDE VIEW
CONWAH FOR IN-LINE LOADING
(76039PF TUNNEL WITH EXTENDED LOAD CHUTE)

ITEM	LEGEND
L5	ANCHOR BOLT HOLES, 7/8"[22] DIAMETER
L4	FOOTPAD, WIDE DISCHARGE LEG
L3	WIDE DISCHARGE PIVOT LEGS USED FOR IN-LINE LOADING
L2	5/8"[16] DIAMETER ANCHOR BOLT HOLE FOR 1/2" BOLT
L1	STANDARD LEG SUPPORT & FOOTPAD
T1	WEIGHT SCALE
M1	DRIVE MOTOR
E2	CONWAH LIGHTS, SEE NOTE 10.
E1	ELECTRIC BOX (ELECTRICAL POWER CONNECTION)
C1	LOAD CHUTE ASSEMBLY, INSTALLED AT INSTALLATION
B1	OUTER EDGE OF DISCHARGE ROLLER

NOTES

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7 A THIRD PAIR OF LEGS IS USED ONLY ON 308H AND LONGER CONVEYORS.

6 AS OF THIS WRITING, THE MINIMUM CLEARANCE REQUIRED BY U.S. NATIONAL ELECTRIC CODES, FROM ELECTRIC BOX TO ANY OBJECT IS:
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68KG CONWAH-PF TUNNEL INLINE

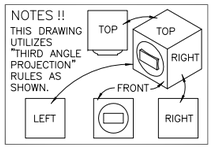
DM 0 0.5M 1M
INCHES 0 12 24 36

DWG# BDPF60KCG3AE 2010343D

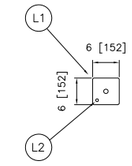
PELLERIN MILNOR CORPORATION
P.O. Box 400 Kenner, LA 70063, USA, Phone 504/467-9591,
FAX 504/469-1849, Telex ITT 460124/PELM UI, Cable PELMILNOR

DIMENSIONS THAT VARY WITH MACHINE MODEL																			
MODEL No.	CONVEYOR UNITS	DIMENSION "A"		DIMENSION "B"		DIMENSION "C"		DIMENSION "D"		DIMENSION "E"		DIMENSION "F"		DIMENSION "G"		DIMENSION "H"		DIMENSION "J"	
		INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm
304H	9'+9'	228	5791	234	5944	239	6070	66	1676	123 3/8	3135	–	–	49 3/16	1249	26 3/8	608	12 1/8	308
305H	7'+7'+7'	264	6706	270	6858	279 1/4	7094	67 1/8	1704	161 1/4	4097	–	–	45 7/8	1165	24 7/8	633	12 1/8	308
306H	9'+7'+9'	312	7925	318	8077	330 5/8	8398	67 3/4	1720	211	5359	–	–	49 3/16	1249	24 1/4	616	12 1/8	308
307H	9'+9'+9'	336	8534	342	8687	355 7/8	9038	67 7/8	1723	235 3/4	5987	–	–	45 7/8	1165	23 7/8	608	12 1/8	308
308H	9'+4'+9'+9'	384	9754	390	9906	405 3/4	10305	68	1727	285	7239	103 3/8	2625	46 1/8	1172	23 3/8	595	12 1/8	308
309H	9'+7'+9'+9'	420	10668	426	10820	442 5/8	11244	68	1727	321 3/4	8171	104	2641	45	1143	23 3/8	595	12 1/8	308
310H	9'+9'+9'+9'	444	11278	450	11430	467 1/4	11869	68	1727	346 1/8	8793	104 3/8	2651	43	1092	23 1/8	586	12 1/8	308

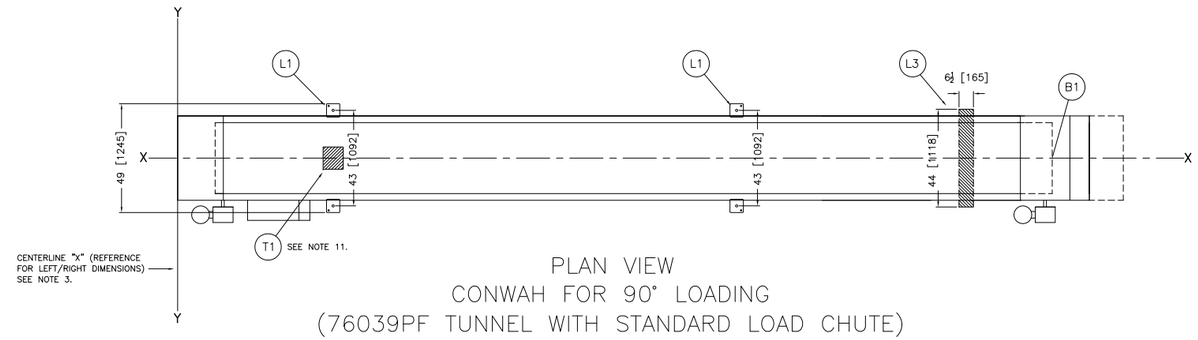
NOTES !!
THIS DRAWING UTILIZES "THIRD ANGLE PROJECTION" RULES AS SHOWN.



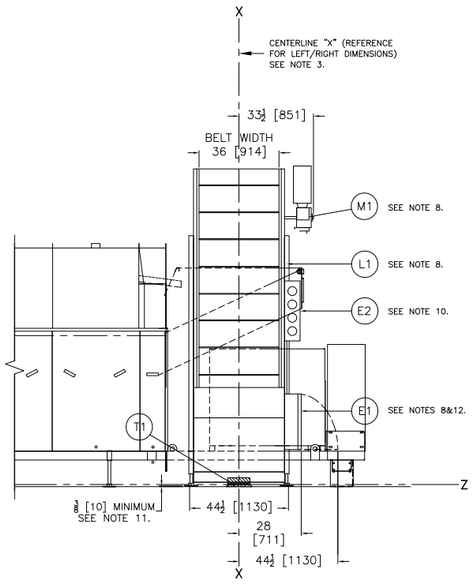
DIMENSIONS ONLY FOR 68KG CONWAH LOADING G3 PF TUNNELS AT 67"[1702] CENTERLINE.



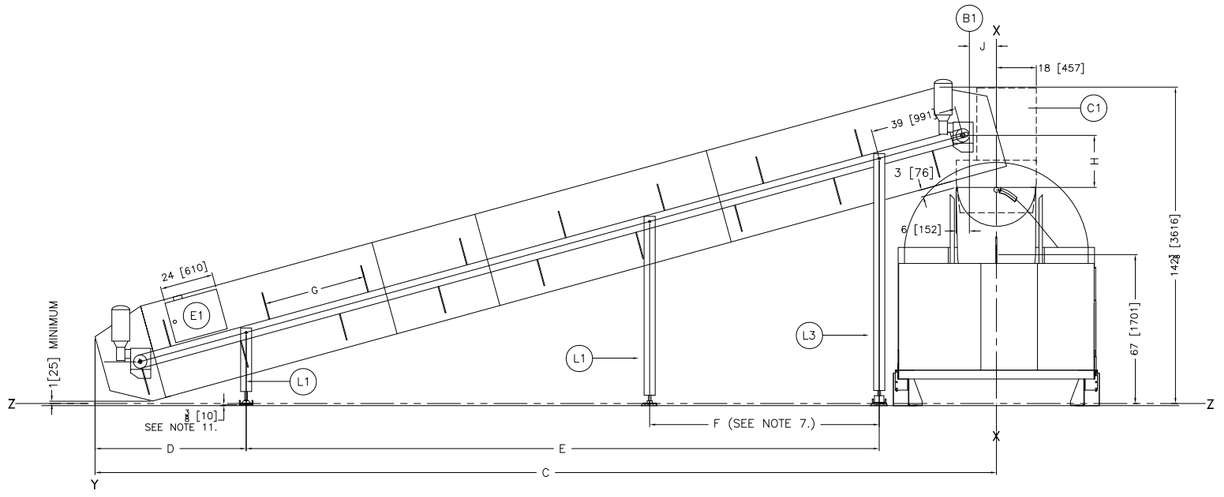
FOOTPAD DETAIL



PLAN VIEW
CONWAH FOR 90° LOADING
(76039PF TUNNEL WITH STANDARD LOAD CHUTE)



FRONT VIEW



RIGHT SIDE VIEW
CONWAH FOR 90° LOADING
(76039PF TUNNEL WITH STANDARD LOAD CHUTE)

ITEM	LEGEND
L3	DISCHARGE PIVOT LEGS USED FOR 90° LOADING
L2	5/8"[16] DIAMETER ANCHOR BOLT HOLE FOR 1/2" BOLT
L1	STANDARD LEG SUPPORT & FOOTPAD
T1	WEIGHT SCALE
M1	DRIVE MOTOR
E2	CONWAH LIGHTS, SEE NOTE 10.
E1	ELECTRIC BOX (ELECTRICAL POWER CONNECTION)
C1	LOAD CHUTE ASSEMBLY, INSTALLED AT INSTALLATION
B1	OUTER EDGE OF DISCHARGE ROLLER

NOTES

11 CONWAH FRONT LEGS, L1, ARE FOR INSTALLATION ONLY. AFTER THE LOAD CELL IS INSTALLED, ADJUST THESE LEGS TO NOT REST ON THE FLOOR, 3/8"[10] GAP MINIMUM.

10 CONWAH LIGHTS AID OPERATOR TO REACH CORRECT LOAD WEIGHT. THE LIGHTS ARE ARE MOUNTED ON THE SAME SIDE AS THE CONTROL BOX, APPROXIMATELY MIDWAY ON THE CONVEYOR WHEN SHIPPED.
NOTE: CONWAH LIGHTS MAY BE HIGHEST POINT ON CONVEYOR AND SHOULD BE CONSIDERED WHEN PLANNING VERTICAL CLEARANCE.
LIGHTS MAY BE LOCATED ANYWHERE ALONG CONVEYOR LENGTH, AND ANGLE OF VIEW IS ADJUSTABLE.

9 DO NOT SET THE CONWAH IN PLACE UNTIL THE CBW HAS BEEN INSTALLED. INTERFACING DIMENSIONAL DRAWING FOR MORE DETAILS.

8 ELECTRICAL BOX AND DRIVE MOTOR ARE USUALLY MOUNTED ON RIGHT HAND SIDE OF CONVEYOR (SEE FRONT VIEW). HOWEVER, FOR A RIGHT HAND CONVEYOR LOADING (AS SHOWN IN LEFT SIDE VIEW AND FRONT VIEW) ELECTRICAL BOX AND DRIVE MOTOR ARE MOUNTED OF LEFT HAND SIDE OF CONVEYOR.

7 A THIRD PAIR OF LEGS IS USED ONLY ON 308H AND LONGER CONVEYORS.

6 AS OF THIS WRITING, THE MINIMUM CLEARANCE REQUIRED BY U.S. NATIONAL ELECTRIC CODES, FROM ELECTRIC BOX TO ANY OBJECT IS:
36 [914] IF OBJECT IS AN UNGROUNDED (INSULATED) WALL.
42 [1067] IF OBJECT IS A GROUNDED WALL (ie. BARE CONCRETE, BRICK, ETC.)
48 [1219] IF OBJECT IS ANY LIVE PART.
CHECK LOCAL ELECTRIC CODES FOR FURTHER RESTRICTIONS.

5 CUSTOMER TO SUPPLY CIRCUIT BREAKER OR FUSED BRANCH CIRCUIT DISCONNECT (SAFETY) SWITCHES WITH LAG TYPE FUSES FROM POWER SOURCE TO MACHINE. A SEPARATE GROUND WIRE MUST BE CONNECTED FROM DISCONNECT TO EQUIPMENT.

4 BASELINE "Z" IS THE SAME FOR ALL MILNOR MACHINES AND IS SHOWN ON ALL DIMENSIONAL DRAWINGS. THE DISTANCE BETWEEN BASELINE "Z" AND THE FINISHED FLOOR MAY VARY (WITH CHANGES IN FLOOR HEIGHT) AS REQUIRED TO INSURE THAT BASELINE "Z" IS HORIZONTAL AND ALL COMPONENTS REQUIRING GROUT ARE SET ON A MINIMUM 1" [25] THICK GROUT BED.

3 USE REFERENCE LINES "X", "Y", AND "Z" TO LOCATE ALL SERVICE CONNECTIONS.

2 NUMBERS IN BRACKETS [] DENOTE DIMENSIONS IN MILLIMETERS.

1 ALL DIMENSIONS SHOWN ARE APPROXIMATE, SUBJECT TO NORMAL MANUFACTURING TOLERANCES, AND TO OCCASIONAL CHANGES WITHOUT NOTICE THROUGH REDESIGN AND/OR RELOCATION OF COMPONENTS, ETC. DO NOT USE FOR CONSTRUCTION UNLESS CERTIFIED, AND IN NO EVENT PRE-PIPE CLOSER THAN FIVE FEET FROM MACHINE. FACTORY MUST BE CONSULTED FOR DIMENSIONS IF MACHINE IS TO BE MOVED THROUGH NARROW OR LOW CORRIDORS OR OPENINGS.

ATTENTION

MOST REGULATORY AUTHORITIES (INCLUDING OSHA IN THE USA) HOLD THE OWNER/USER ULTIMATELY RESPONSIBLE TO MAINTAIN A SAFE WORKING ENVIRONMENT. ACCORDINGLY, THE OWNER/USER MUST RECOGNIZE ALL FORESEEABLE SAFETY HAZARDS, FURNISH SAFETY INSTRUCTIONS AND GUIDANCE TO ALL PERSONNEL WHO MAY COME IN CONTACT WITH THE INSTALLATION, AND PROVIDE ALL NECESSARY ADDITIONAL SAFETY GUARDS, FENCES, RESTRAINTS, DEVICES, ETC., NOT FURNISHED BY THE EQUIPMENT MANUFACTURER OR VENDOR.

ATTENTION

THE FLOOR AND/OR OTHER SUPPORT COMPONENTS MUST HAVE SUFFICIENT STRENGTH (AND RIGIDITY WITH DUE CONSIDERATION FOR NATURAL OR RESONANT FREQUENCY THEREOF) TO WITHSTAND THE FULLY LOADED WEIGHT OF THE MACHINE INCLUDING THE GOODS, THE WATER, AND ANY REPEATED SINUSOIDAL (ROTATING) FORCES GENERATED DURING ITS OPERATION. WRITE THE FACTORY FOR ADDITIONAL MACHINE DATA FOR USE BY A COMPETENT SOIL AND/OR STRUCTURAL ENGINEER.

68KG CONWAH–PF TUNNEL 90°

DM 0 0.5M 1M
INCHES 0 12 24 36

DWG# BDPF60KCG3AB
2010354D

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