



GEAR GUARDIAN® WASHER-EXTRACTORS

FOR PROPER PROCESSING OF FIREFIGHTER GEAR



30015 T6X

Helps protect Firefighters' health and safety • Saves on cleaning costs • Can prolong gear's life

PROTECT FIREFIGHTER GEAR WITH GEAR GUARDIAN® WASHER-EXTRACTORS

Since 1988, Milnor has made machines specifically for firefighter turnout gear.

Milnor machines are NFPA 1851 Compliant.



Created specifically for firefighter gear

Gear Guardian washer-extractors have 30 different programmable wash formulas, including 10 pre-programmed strictly for decontaminating

firefighter gear (all 10 can be re-programmed). User-friendly microprocessor controls prompt you through each programming step and prevent errors. And, all Gear Guardian washer-extractors comply with NFPA 1851 standards in maintenance and care of protective gear.

Roomy wash cylinders

Firefighting gear is bulky, so the spacious Gear Guardian cylinder is essential for a fast, commercial-quality wash. Big ribs lift and drop gear to help remove heavy soil. The large cylinder cuts processing time, and you can launder more gear per load.



Speeds processing

Heavily-soiled firefighting gear needs effective rinsing. Intermediate extractions “sling” water and chemicals from gear prior to the next rinse. Gear gets cleaner faster! Gear Guardian washer-extractors have the unique ability to allow as many intermediate extractions as you need, since they use continuous duty (rather than intermittent duty) motors. Low extract speeds are designed into Milnor Gear Guardian machines to better protect turnout gear. High spin cycles can damage these valuable goods.

Helps avoid vibration

A special load distribution speed before extraction prevents bulky gear from creating an imbalance inside the cylinder. This helps avoid vibration during the extraction. Besides saving time (since you don't have to stop the machine to manually correct the load), less vibration means longer machine life. Distribution speed also protects gear by preventing tumbling action while water is draining from the cylinder.

Pre-programmed wash formulas get you started quickly:

1. Light soil turnouts
2. Heavy soil turnouts/gloves
3. Light soil moisture barriers
4. Heavy soil moisture barriers
5. Oil-contaminated gear
6. Brush gear
7. Hoods/suspenders
8. SaniFlush Wash Out
9. Stationwear
10. Sheets/pillow cases

Easy Operation

Anyone can operate a Milnor Gear Guardian washer-extractor. Formula choices are clear. Just pick the right formula, and press the start button. Then full automation takes over. The machine also keeps you informed by displaying information, including what function is underway and how much formula time remains. Any trouble with the machine? Check troubleshooting messages to minimize downtime. Control protects turnouts by not allowing gear to tumble during fill. And automatic supply injection means no attention is needed while the machine is washing.



Rugged Construction

Bulky, heavy turnouts can be rough on a machine, but not a Gear Guardian washer-extractor. It's built for long service under tough conditions by the most respected name in commercial laundry machinery.

The T-Series and V-Series models feature continuous (rather than spot) welding, large tapered roller bearings, a triple shaft seal to shield bearings from water on most models, heavy gauge console materials, and heavy-duty motors.

Choose the control that's best for you.



Option 1: E-P Express® control

This entry-level control for turnout gear is equipped with 30 formulas — 10 of which are pre-programmed for fire stations. These formulas can be modified in the field. The bright display allows the operator to choose from real words, not codes. The control features English/Spanish standard (other languages optional) and diagnostic/error messages help shorten training time of new employees and allow for fewer operating errors.

Option 2: E-P Plus® control

This fully-programmable control allows the operator advanced flexibility. It has 30 formulas — 10 of which are pre-set for fire stations. These formulas can be modified in the field. The E-P Plus control also provides temperature control, allowing operators to manage baths to the degree. The control also features programmable bath soak and overnight soak. The two-line display notifies the operator of key benchmarks (wash step, time remaining, etc.), which increases productivity, reduces downtime and is available in English/Spanish or choice of a second language. Advanced diagnostics can help solve problems quickly and keep machinery in operation longer.



Option 3: MilTouch™ control with GearTrace™ feature

Milnor's touchscreen microprocessor is the most flexible control in the industry, providing advanced management and reporting for the fire industry. The informative display allows you to select and/or modify pre-programmed formulas, based on your specific needs. The graphic run screen gives you unprecedented control and insight into your wash. The control's USB port is there for you to move or back up formulas — saving time. The GearTrace feature can also track and report wash history for every barcoded gear item, assisting with NFPA 1851 guidelines on gear recordkeeping. These wash histories can be stored inside the MilTouch controller or the data can be exported out to other data management programs. The GearTrace feature is easy to use:

1. The user selects a formula.
2. The control prompts the user to scan PPE barcodes.
3. A barcode scanner (included) records SKU numbers stitched into gear. GearTrace software records these SKUs and associates them with each specific wash cycle, at that time.
4. Those SKUs are stored in memory with each specific wash and can be downloaded as .csv values via the USB port or network connection.



COUNTY FIRE DEPARTMENT
PPE Status
Six-month cleaning report

PPE ID#	Last Name	First Name	Station	Shift	Cleaned within 6 months?
3445	Adams	Martin	2	2	Yes
5467	Belville	Jackson	8	2	Yes
4144	Budd	Steve	2	2	Yes
3992	Danes	Luke	4	2	No
5108	Kleinfield	Paul	3	1	No
4207	Rose	Johnny	2	2	Yes
4531	Sanchez	Charles	2	2	No
5238	Smith	Elliott	8	1	Yes
3838	Soltau	Peter	4	2	Yes
4582	Williams	Linda	8	2	Yes



SPECIFICATIONS

MODEL NUMBER	MWT16X5	30015 T6X	30015 VRJ	30015V8Z	MWT18X4	MWT27X5	30022 T6X	30022 VRJ	30022V8Z	36021 V5Z
Maximum capacity-lbs.	35	40	40	40	45	60	60	60	60	80
Cylinder diameter x depth-ins.	23 x 18	30 X 15	30 X 15	30 x 15	28 x 18	30 x 22	30 x 22	30 x 22	30 x 22	36 x 21
Gross cylinder volume-cu. Ft.	4.3 (122)	6.14 (174)	6.14 (174)	6.14 (174)	6.4 (181)	9 (255)	9 (255)	9 (255)	9 (255)	12.37 (350)
Overall width	29	34.5	34.5	34.5	34.45	34.45	34.5	34.5	34.5	44.07
Overall depth	42.13	48.62	48.61	48.62	47.41	51.75	55.58	55.69	55.76	55.15
Overall height	43.19	56.44	57.29	57.31	52.7	56.25	56.44	57.56	57.56	67
Approx. gross weight-lbs.	581	1,010	1,082	1,090	816	1164	1,030	1,138	1,148	1,455
No. of full sets of gear*	1 to 2	2 to 3	2 to 3	2 to 3	3	4 to 5	4 to 5	4 to 5	4 to 5	6 to 7

*Depending on density and soil content of goods. Specifications and appearance subject to change without notice. Other capacities available. Consult factory for accoustics data.

Control Comparison

	E-P Express®	E-P Plus®	MilTouch™
NFPA 1851-Compliant Features	X	X	X
Programmable Cycles	X	X	X
Chemical Injection Ports	X	X	X
Still Fill (water level before start)	X	X	X
Programmable Spin Speeds	X	X	X
Soak Option		X	X
Multiple Agitation Options		X	X
Water Level Control		X	X
Temperature Control		X	X
GearTrace™ Tracking System			X



NFPA 1851 Compliant Drying Cabinets are also available. See Brochure B22SL08001 for details.

