



# SUSPENDED WASHER-EXTRACTORS

CONTROLS VIBRATION • HIGH G-FORCE EXTRACTION • FOUR CAPACITIES



Model 42032 X7R



# UNSURPASSED WASH QUALITY

Milnor's X-Series suspended washer-extractors range in capacity from 60-170 lb. (27-77 kg). Available with either the MilTouch-EX™ control or E-P Plus® control, Milnor's X-Series offers you savings and programming flexibility—without compromising the wash quality you expect from a Milnor. Read more to see how this suspended washer-extractor product line is ideal for your commercial or industrial laundry application.



## Save Labor



Milnor's X-Series control options (**MilTouch-EX™** and **E-P Plus®**) allow the operator advanced flexibility by manually creating or altering formulas, which are guided by the controls and promote accurate, proper washing. The display notifies the operator of key benchmarks, which increases productivity and reduces downtime. Milnor's **tall rib construction** and **precise cylinder speeds** provide excellent MAF (Mechanical Action Factor), which expedites the interchange of wash chemistry and water, for quicker washing and rinsing. The X-Series cleans the goods properly the first time, so your laundry and staff can continue to be efficient.

## Save on Linen Replacement Costs



The second highest expense in a laundry is the cost of the linen (or to replace it). Milnor's X-Series can help you extend your linen life with its safe **chemical injection system**. Chemicals are injected in the rear of the machine (unlike certain brands where chemicals are injected near the front of the machine at eye-level), then diluted and flushed into the sump. This prevents raw chemistry from coming into direct contact with the linen or the stainless steel. In addition to the chemical injection system, the X-Series' **spacious wash cylinders** provide more room for lift and drop action and for goods to open up and absorb wash and rinse water – ensuring goods get clean the first time, reducing rewashes and linen fatigue.

## Save Energy



Milnor's X-Series is highly efficient, reducing your utility costs. The frequency inverter drive allows the motor to reach maximum extraction speed more efficiently, thereby reducing peak electricity amperage draw compared to multi-speed motor machines. Bigger **cylinder perforations** provide (1) better wash quality by promoting excellent interchange of the goods with water and chemistry, (2) better rinsing by allowing rinse water to freely interact with the goods, and (3) better extraction by allowing water to escape from goods easily and quickly. The cylinder design minimizes wasteful rewashes and reduces drying time, all resulting in lower energy costs.

## Save Water



Milnor's efficient X-Series is also eco-friendly. Milnor's **RinSave® water saver** feature is standard on all X-Series washers. Milnor's engineers developed this unique software to drive the basket toward a precise G-force that "slings" the wash liquor (including water, chemistry, and soil) out of the goods after a wash step. This feature will save up to 2 rinses per load and fill/rinse time. **Simple hot and cold water inlets** are used to quickly fill the washer without fill level overshoot. A third water inlet is used to thoroughly dilute chemicals so that raw chemicals do not directly contact and damage linens. Accurate water levels promote proper washing and prevent wasting water.

## Save Money (Total Cost of Ownership)



Milnor's dynamically tuned suspension features a cutting-edge design that employs a unique, two-point suspension system. The center of mass is located where an imbalance would occur. With **SmoothCoil™ Suspension System**, constructed of highly-engineered fabric and rubber layered coils that provide low natural frequencies, vibration is constantly isolated (delivering smooth operation and performance). Dynamic forces are evenly applied resulting in: minimum vibration, smooth extraction, less wear and tear, and longer machine life. **Tapered roller bearings** have a large contact area – spreading force and contributing to long life. Front and rear bearings are fixed in the same housing, preventing damaging misalignment. Like all Milnor machinery, X-Series machines typically last longer because of their legendary ruggedness, thoughtful design, and **dependable quality**.



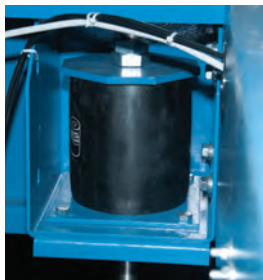
# THOUGHTFUL, RELIABLE DESIGN

## RINSAVE® WATER SAVER



This exclusive software drives the basket toward a precise G-force that "slings" the wash liquor (including water, chemistry, and soil) out of the goods after a wash step.

## SMOOTHCOIL™ SUSPENSION SYSTEM



Highly engineered rubber/fabric reinforced springs are used to isolate vibration and deliver smooth operation and performance. Plus, they resist corrosion and are virtually maintenance free!

## DYNAMICALLY TUNED SUSPENSION



Dynamic forces are evenly applied for minimum vibration, which provides smooth extraction, less wear and tear, and longer machine life.

## SIMPLE WATER INLETS



These simple hot and cold water inlets allow your wash formula to achieve accurate water levels for every cycle. A separate water valve allows for the safe transport of chemistry into the wash liquor, which preserves linen life!

## SUPERIOR PERFORATION PATTERN



MILNOR



TYPICAL COMPETITOR



The basket's greater open area allows for suspended solids to be rinsed away from the goods quickly, saving valuable time and fresh water!

## SOLID, INDUSTRIAL FRAME



Milnor's suspended washer-extractor frames feature heavy-gauge steel columns for maximum durability.

# COMPREHENSIVE CONTROLS

## E-P PLUS®



E-P Plus® control is equipped with 30 pre-programmed formulas (including 10 each for eight industries) and allows the operator advanced flexibility. The E-P Plus® operator may manually create or alter formulas, which are guided by the control itself to achieve accurate and proper washing. E-P Plus® also features universal temperature control, programmable cool down, and programmable bath soak and overnight soak. The two-line display notifies the operator of key benchmarks (wash step, time remaining, etc.), which increases productivity and reduces downtime.

## MILTOUCH-EX™



The MilTouch-EX control utilizes resistive touch screen technology to display current machine status info such as total formula time and time elapsed. With complete programming flexibility, MilTouch-EX formulas can be developed on a PC and uploaded with a screen touch. The control has intuitive fault diagnosis and relevant troubleshooting suggestions and allows the user complete access to the machine's function at every level and wash/rinse step (within safety limits). It can also be interfaced with specialized options such as metered water and integrated reuse tanks.



# WHY CHOOSE X-SERIES?

- Suspended frame allows for above-grade installation\*
- Tapered roller bearings are aligned in a rigid housing (ensures proper basket alignment)
- Models have been tested in a high-extract out-of-balance state for over 1,000 continuous hours
- Superior wash cylinder design yields greater mechanical action (reduces rewashes for prolonged linen life)
- Touchscreen control for MilTouch-EX™ models
- Four capacities to suit your laundry's needs
- 5/3 Warranty Plan - see Milnor warranty documents for details

SPECIFICATIONS	30022 X8R	36026 X8R	42026 X7R	42032 X7R
	30022 X8J	36026 X8J	42026 X7J	42032 X7J
Max capacity – lb. (kg)*	60 (27)	100 (45)	140 (63)	170 (77)
Cylinder diameter – in. (mm)	30 (762)	36 (914)	42 (1067)	42 (1067)
Cylinder depth – in. (mm)	22 (559)	26 (660)	26 (660)	32 (813)
Door opening – in. (mm)	15.69 (398)	20.38 (518)	26 (660)	26 (660)
Gross cylinder volume – cu. Ft (L)	9 (255)	15.3 (434)	20.8 (590)	25.7 (727)
Motor-HP (kW)	5 (3.7)	10 (7.4)	15 (11.2)	15 (11.2)
Wash Speeds – RPM**	38 - 44	39 - 45	36 - 40	36 - 40
Distribution – RPM**	68	65	60	60
Extract Speeds – RPM**	390 - 840	375 - 766	400 - 710	400 - 710
Max. Final Extract – RPM**	840	766	710	710
Max final G Forces	300	300	300	300
Drain valve – in. (mm)	3 (76)	3 (76)	3 (76)	3 (76)
Inlet connection – in. (mm)	0.75 (19)	0.75 (19)	1.25 (31)	1.25 (31)
Width – in. (mm)	42.75 (1085)	52 (1322)	62.9 (1598)	62.9 (1598)
Depth – in. (mm)	60.75 (1544)	68 (1727)	74 (1880)	80 (2032)
Height – in. (mm)	66.5 (1689)	76.37 (1940)	88.75 (2254)	88.75 (2254)
Approx. gross weight – lb. (kg)	2,362 (1071)	3,904 (1771)	5,599 (2540)	5,770 (2617)
*Depending on density and soil contents of goods. **Standard accessories. Specifications and appearance subject to change without notice. ♦Consult factory for static load and dynamic forces.				

