



SUSPENDED WASHER-EXTRACTORS

CONTROLS VIBRATION • HIGH G-FORCE EXTRACTION • FOUR CAPACITIES



Model 30022 X8J



UNSURPASSED WASH QUALITY



30022 X8J
60 lbs.
(27 kg)



36026 X8J
100 lbs.
(45 kg)



42026 X7J
140 lbs.
(63 kg)



42032 X7J
170 lbs.
(77 kg)

Milnor washer-extractors deliver unbeatable wash quality due to excellent cylinder design combined with the speeds and formulas needed to process load-after-load of work. Combined with Milnor's typical durability standards, these machines are ready to become high-performance solutions in your facility.

The Right Cylinder Design

More cylinder **perforated area** means:

- Better wash quality (promotes intense interchange of wash solutions with goods).
- Better rinsing (promotes interchange of water and goods and lets water drain freely).
- Better extraction (allows water to escape from goods easily, quickly).

Spacious wash cylinders also yield better results. There's more room for lift-and-drop action and for goods to open up and absorb the washing solution (and rinse water).

High ribs provide excellent lifting. And Milnor's ribs are perforated for greater dilution.



MILNOR



Competitor

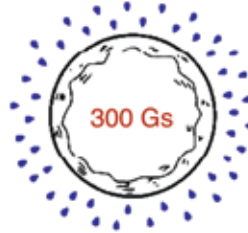
Bigger cylinder "open" area lets water pass quickly through the goods.

The Right Speeds

Multiple speeds let you handle a wide variety of fabrics. Simple inverter drive provides all speeds needed for excellent results. E-P Plus models feature two wash speeds, pre-extract distribution (helps prevent unbalanced loads), and three extract speeds. Mark VI models have programmable speeds for maximum control.

High-speed extraction is great for all-cottons. Lower speeds are available for polyesters (including 100% poly table linens). Combined with a big cylinder (which means a thinner layer of goods for water to pass through) and large perforations, this adds up to very effective moisture removal.

Some competitive models use "variable speed extracts," delivering inconsistent extract rates for finished goods. Milnor uses **fixed extract speeds** that achieve 300 Gs on every high extract.



Effective moisture removal boosts efficiency.

Suspension Cushions Vibration

Milnor's new **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 which provide low natural frequencies, vibration is constantly isolated -- delivering smooth operation and performance. The material also reduces structurally transmitted noise caused by vibration.

Dynamic forces are evenly applied for minimum vibration -- providing smooth extraction, less wear and tear. This also means greater output because it prevents out-of-balance loads that require stopping and recycling.



Cutting-edge, SmoothCoil suspension system.



EASY TO USE TYPICAL MILNOR RELIABILITY



Less Training

The less judgment a machine calls for, the less training it takes. And that saves time and money. Quality is more consistent, too.

E-P Plus microprocessor offers a wide variety of wash formulas—yet formula selection is easy. Formulas were developed for specific types of goods (sheets, for example). So workers don't have to guess whether these goods require "medium" or "light" soil formulas, as with most other machines. **Automatic supply injection** also makes it simple.

Ergonomically Friendly

Loading and unloading are fast and easy. Big door openings are at **convenient heights**. That minimizes bending, reducing fatigue and back strain.

Problem Solvers

These machines save time by helping solve problems. **Error messages** (such as "door open") help prevent production delays. Thorough **self-diagnostics** aid in troubleshooting if malfunctions occur. You can test inputs/outputs without even removing panels.



Formula counter improves supervision.

Get more from personnel. Better supervision is another way to cut overtime and prevent delays. And Milnor assists with **formula counters**. So you can detect whether employees are running too many loads on long cycles (more OT, wasted chemicals). Or too many short cycles (poor quality, excessive rewashes, and more OT).

Drive is Simple, Efficient

Inverter drive gets all speeds from only one single-speed motor. No troublesome idler pulley is needed. The energy-efficient drive also reduces electric peak load demand.

Built for Durability

Tough frame—designed through computer analysis—disperses stress evenly for long life. Look beneath the cosmetic covers, and compare Milnor's heavier construction to other washer-extractors!

More signs of quality: Tapered roller bearings have huge contact area (to disperse force for longer life)... every microprocessor board is tested far beyond the electronics industry norm... single speed motor is simple, more reliable than multi-speed motors. **Extended limited warranties** cover key components—five years on frame, cylinder and shell; three years on non-wearable parts. Ask your Milnor dealer about the 5-3 Warranty Plan.

MICROPROCESSORS ENHANCE CAPABILITIES

E-P Plus® Microprocessor:

Formulas: Thirty total—all programmable—including 10 pre-programmed specifically for each of eight markets... all formulas can be modified to suit needs... management may choose whether operator can manually skip to end of existing bath or extract.

Programming: Simple, two-button programming; display prompts each step... "help" screen makes it even easier... create new formulas, add/delete/modify steps, and/or delete an entire formula—all in one programming mode... move backward to make changes, then rapidly forward.

Mark VI Microprocessor:

Formulas: Mark VI control accommodates 100 formulas (98 fully programmable). The operator can manually modify operations underway (password-protected, if desired). Includes electronic temperature control (programmable for each bath). Download/upload capability is optional. Control is compatible with the Miltdata® computer network. A printer port is provided.

Programming: Displays prompt each step, and "help" screens make it even easier. Create new formulas, add/delete/modify steps, and/or delete an entire formula—all in one programming mode. You can move backward and fast-forward, too.

Display: LCD backlight display uses real words (not codes) to tell operator what step is underway, what supply is being injected, time remaining, etc... also: error messages, diagnostic information, formula counts.

Supply injection: Any supplies can be injected in any bath (up to two in one bath)—either with fill, at level-satisfied, or 10 seconds after level and temperature are achieved... injection duration is programmable, too (1 to 255 seconds) five injection signals (includes connectors for six liquid supply tubes). Five-compartment flushing supply injector is optional.



E-P Plus® Microprocessor

Display: Color display uses graphics and real words (not codes) to tell what step is underway, what supply is being injected, time remaining, etc. also: error messages, diagnostic information, formula counts.

Supply injection: Any supplies can be injected in any bath. Injection duration is programmable, too. Fifteen inject signals are provided (with 12 liquid supply tube connectors). Five-compartment flushing supply injector is optional.



Mark VI Microprocessor

FEATURES AT A GLANCE

- Oversized wash cylinders for better productivity than other machines in class.
- Choice of four capacities.
- Multiple speeds.
- High fixed-rate extracts of 300 Gs in all models.
- One single-speed motor with inverter.
- Dynamically tuned suspension cushions vibration.
- Choice of E-P Plus microprocessor (30 programmable formulas) or Mark VI control (100 formulas, 98 programmable).
- E-P Plus models offer formulas pre-programmed for specific markets.
- Self-diagnostics, formula counter.
- Highly perforated cylinders for better washing/extracting.
- Six liquid soap connectors standard on E-P Plus models, 12 standard on Mark VI models.
- Tapered roller bearings aligned in rigid housing.
- Five-year limited warranty on frame, cylinder and shell; three years on non-wearable parts.
- Durable powder-coat epoxy paint finish.
- Many options available.

SPECIFICATIONS

	30022 X8J*	36026 X8J*	42026 X7J*	42032 X7J*
	30022 X8W**	36026 X8W**	42026 X7W**	42032 X7W**
Max. capacity — lbs. (kg) +	60 (27)	100 (45)	1140 (63)	170 (77)
Cylinder diameter — ins. (mm)	30 (762)	36 (914)	42 (1067)	42 (1067)
Cylinder depth — ins. (mm)	22 (559)	26 (660)	26 (660)	32 (813)
Gross cylinder volume — cu. ft. (L)	9 (255)	15.3 (433.7)	20.85 (590)	25.76 (727)
Motor — HP (kW)	5 (3.7)	10 (7.4)	15 (11.2)	15 (11.2)
Wash 1 — RPM + +	38 --	39 --	36 --	36 --
Wash 2 — RPM + +	44 --	45 --	40 --	40 --
Distribution — RPM + +	68 --	65 --	60 --	60 --
Extract 1 — RPM + +	390 --	375 --	400 --	400 --
Extract 2 — RPM + +	580 --	540 --	550 --	550 --
Max. Final Extract — RPM	840 --	766 --	710 --	710 --
Max. Final Extract G Forces	300 --	300 --	300 --	300 --
Drain valve — ins. (mm)	3 (76)	3 (76)	3 (76)	3 (76)
Inlet valves — ins. (mm)	.75 (19.1)	.75 (19.1)	1.25 (31.8)	1.25 (31.8)
Width — ins. (mm) + + +	42.75 (1085)	52 (1321)	62.9 (1598)	62.9 (1598)
Depth — ins. (mm) + + +	60.75 (1544)	68 (1727)	74 (1880)	80 (2032)
Height — ins. (mm) + + +	66.5 (1689)	76.37 (1940)	88.75 (2254)	88.75 (2254)
Approx. net weight — lbs. (kg)	1,961 (889)	3,500 (1587)	4,700 (2131)	4,980 (2258)

*E-P Plus microprocessor. **Mark VI microprocessor. + Depending on density and soil content of goods.

+ + Approximate fixed speeds for E-P Plus machines; Mark VI machines feature programmable speeds.

+ + + Standard accessories. Specifications and appearance subject to change without notice. Contact factory for acoustics data.

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