



# 40-160 LB. WASHER-EXTRACTORS

FLEXIBLE CONTROLS • SIX CAPACITY SIZES



Model 30022 V6J

# TOP RESULTS.

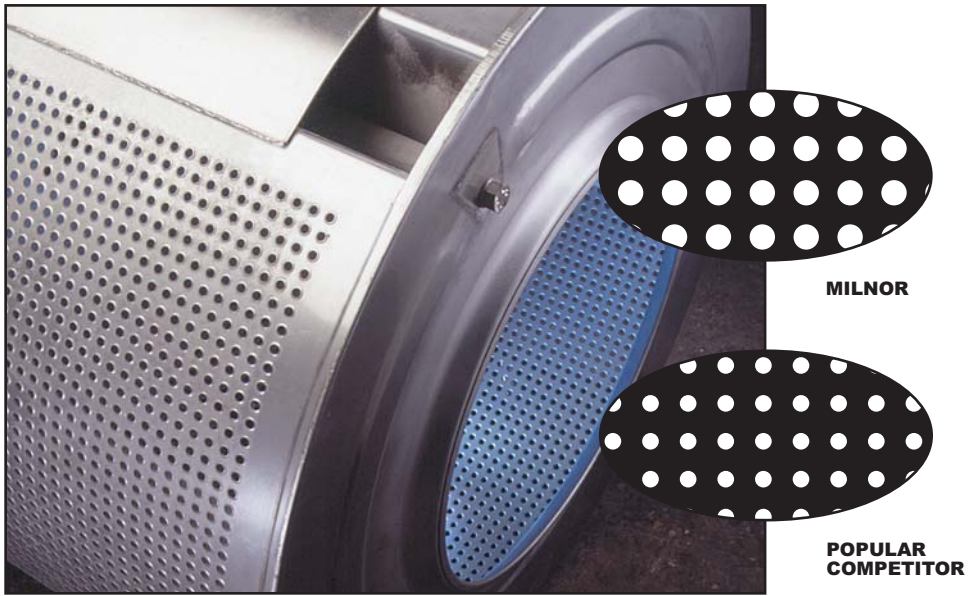
## The right cylinder design.

Milnor's bigger cylinder perforations give:

- Better wash quality (promotes intense interchange of wash solutions with goods).
- Better rinsing (promotes interchange of solutions 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 action. They're perforated, too (unlike some others), for fast interchange of goods and water.

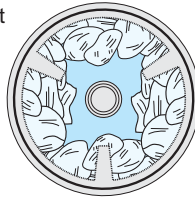


Milnor's cylinder has bigger perforations, allowing water to pass quickly through the goods.

## The right speeds.

Efficient inverter drive produces the speeds you need – normal wash (plus reverse) for shirts and other cotton goods, gentle wash (plus reverse) for delicates and polyesters, pre-extract distribution (helps prevent unbalanced loads), a Rinsave™ speed, and three extract speeds. You get the best speeds for a wide variety of fabrics.

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.



Distribution speed helps prevent vibration in extraction.

**ExactXtract™** extraction optimizer control is a high speed extract option for the 36021V7J, 36026V7J, 42026V6J and the 42030V6J. Unlike competitive models, the ExactXtract control uses precision technology to measure physical vibration of a machine in high extract.

With this option, after achieving normal high speed extract (250 Gs for the 36" models and 215 Gs for the 42" models), ExactXtract control will allow the machine to continue increasing extraction speed until 300 Gs is reached, or until a certain vibration threshold is reached, at which point the extraction speed will be locked-in.

Competitive brands use the inverter to monitor load imbalance. If the load is not balanced to spin at the programmed spin speed, the machine will redistribute the load. After several unsuccessful attempts to lower the speed and speed up, the controller will limit the spin speed. By using the inverter to limit speed, valuable time is wasted as the machine cycles through distribution trying to find the maximum extract speed for the load.

**ExactXtract™** high speed control SAVES VALUABLE TIME by not cycling through distribution continually to correct an out of balance. Along with our proper cylinder design and superior basket open area, it SAVES DRYER ENERGY by maximizing extract up to 300 Gs.

**RinSave® Water Saver Feature**  
**Save Water**  
**Save Energy**  
**Save Time**

The V-Series washer-extractors now feature RinSave™ water saver software which eliminates an entire rinse step.

This innovative process allows a precise high G-force to "sling" the wash liquor (including water chemistry and soil) out of the goods after a wash step. Slinging the wash liquor quickly acts like a rinse. A large basket open area combined with the proper and exact G-force is the key to making RinSave water saver work.

RinSave water saving feature means fewer cycles and faster turnaround with no compromise in wash quality. And you save...save...save...

SAVES WATER  
 SAVES ENERGY  
 SAVES TIME

**RinSave®**

# EASIER TO USE.

## E-P Plus® microprocessor.

Formulas: Thirty total – all programmable – including ten pre-programmed specifically for each of eight markets (see list) ... 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.

Display: 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 ten seconds after level and temperature (with temperature control option) are achieved ... injection duration is programmable, too (1 to 255 seconds) ... five injection signals (includes connectors for six liquid supply tubes).

## Getting the most from personnel.

Efficient use of labor cuts overtime costs, prevents delays. And Milnor can help – with E-P Plus microprocessor formula counters. You can detect whether employees are running too many loads on long cycles – which leads to overtime.

Or too many short cycles – resulting in poor quality, excessive rewashes, and more overtime. All Milnor washer-extractors operate automatically, further enhancing the efficiency of personnel.

## The right formulas.

Pre-programmed wash formulas in E-P Plus models are specifically tailored for each of eight different markets. They were developed with the help of laundry chemists. They're not common-denominator formulas, as with other pre-programmed machines. And with the E-P Plus control, you can modify pre-programmed formulas as needed, and add more.

## Why they require 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.

## 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.



Simple, push-button controls make employees more effective.



**30022 V6J**  
60 lbs.  
150 Gs

**30015 V7J**  
40 lbs.  
200 Gs

**42026 V6J**  
140 lbs.  
215 Gs

**42030 V6J**  
160 lbs.  
215 Gs

**36021 V5J**  
80 lbs.  
150 Gs

**36026 V7J**  
100 lbs.  
250 Gs

**36026 V5J**  
100 lbs.  
150 Gs

NOT SHOWN: **36021 V7J / 80 lbs. / 250 Gs**

## RELIABLE.

*Make sure you're getting an industrial machine.*



*Get the engineering expertise that produces big, durable, industrial machines like this.*

For a machine that stands up to hard use, you need a true industrial washer-extractor. One built by a company that knows what industrial machinery is all about. Most manufacturers start from a background of small, appliance-type machines. They work up from there, based on what they know. Milnor draws on its long experience building giant, industrial washer-extractors that launder thousands of pounds per hour. Machines that tolerate not only enormous workloads, but also multiple shifts. That's why used Milnors (if you can find them) are worth so much more than other brands.

### *Warranties attest to endurance.*

Ask your Milnor dealer about warranties on key parts of these Milnor machines: Five years on frame, cylinder and shell; three years on microprocessor boards; five years on the main bearing assembly; and three years on non-wearable parts (consult dealer or factory for details).

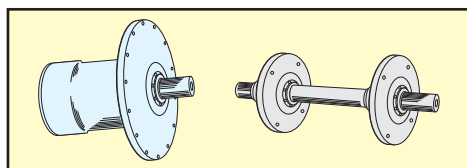
### *The engineering differences.*

Frames are designed to prevent concentration of stress in one spot. All structural components are tied together for optimum stress dispersion. (Next time you're at a trade show, thump a Milnor, and then do the same with other brands. You'll feel and hear the difference.)



*Solid frame withstands stress (600 RPM model shown).*

Front and rear bearings are fixed in the same housing. This prevents damaging misalignment. Other machines mount their two bearings independently, with no rigid housing.



*MILNOR bearings aligned in housing.*

*COMPETITOR not secured in housing.*

Milnor's tapered roller bearings have a large contact area. This spreads force, contributing to long life. (Computer-calculated life is well over 20 years!) Milnor bearing design is long proven. Other companies keep experimenting.

### *Drive is simple, efficient.*

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

*Simple drive is versatile, efficient.*



## PLUS...

*They fit through standard doorframes.*

To make installation easier for you, most models\* fit through standard doorframes, with no need to remove the jambs. The 30015 and 30022 models can fit through a 36-inch doorway. Optional five-compartment supply injector can be removed for passage.

The 36" and 42" models can fit through a 48-inch doorframe. Some require simple removal of components.

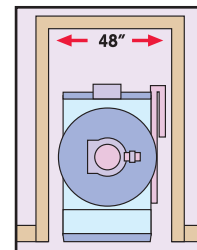
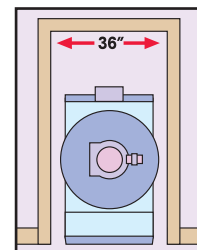
*\*Standard models.*

Microprocessor boards are tested far beyond electronics industry norms. It's another reason why Milnor solid state machines are so reliable.

Painting techniques also contribute to long life. Surfaces are acid-treated, then electronically coated with a powder epoxy paint that's baked-on. Components are painted before going into the machine (so even hidden areas are painted for protection).

### *Support worldwide*

Milnor laundry machinery is sold worldwide by the most highly regarded dealer network. Dealers not only provide complete equipment packages, but also can help with planning an installation and supply technical support. Ask us for the dealer in your area.



# Features at a glance.

- Choice of capacities: 40 lbs., 60 lbs., 80 lbs., 100 lbs., 140 lbs. or 160 lbs.
- Seven speeds for processing a variety of goods.
- Simple and efficient single-motor, inverter drive.
- RinSave® water saver saves water, energy, and time.
- E-P Plus control (30 programmable formulas) is easy-to-use.
- Microprocessor offers formulas pre-programmed for specific markets, self-diagnostics, formula counter.
- Large diameter cylinders deliver excellent lift-and-drop action. Volumes range from 6.14 cu. ft. to 24 cu. ft.

- Cylinder sides have large perforations.
- High, perforated ribs.
- Liquid soap connectors standard.
- Solid-plate steel frame (stress is spread evenly).
- Tapered roller bearings aligned in rigid housing.
- Triple water seals protect bearings.
- Five-year limited warranty on frame, cylinder, and shell. Three-year limited warranty on non-wearable parts (consult dealer or factory for details).
- Microprocessor boards tested far beyond industry norm.
- Most models fit through standard doorways.

## Specifications

	30015 V7J	30022 V6J	36021 V5J	36021 V7J	36026 V5J	36026 V7J	42026 V6J	42030 V6J
Maximum capacity - lbs. (kg)+	40 (18)	60 (27)	80 (36)	80 (36)	100 (45)	100 (45)	140 (63)	160 (72)
Cylinder diameter x depth - ins. (mm)	30x15 (762x381)	30x22 (762x559)	36x21 (914x533)	36x21 (914x533)	36x26 (914x660)	36x26 (914x660)	42x26 (1067x660)	42x30 (1067x762)
Gross cylinder vol. - cu. ft. (L)	6.14 (174)	9 (255)	12.37 (350)	12.37 (350)	15.3 (433.7)	15.3 (433.7)	20.8 (590.3)	24.0 (679)
Motor - HP (kW)	5 (3.72)	5 (3.72)	7.5 (5.59)	7.5 (5.59)	10 (7.45)	10 (7.45)	10 (7.45)	10 (7.45)
Wash 1 - RPM*	38	38	33	33	33	33	33	33
Wash 2 - RPM*	43	43	43	43	43	43	40	40
Distrib. speed - RPM*	65	65	65	65	65	65	60	60
Extract 1 - RPM*	542	420	385	495	385	495	425	425
Extract 2 - RPM*	663	485	470	605	470	605	512	512
Max. extract speed - RPM*	685	600	542	700 766♦	542	700 766♦	600 710♦	600 710♦
Max. G forces -	200	150	150	250	150	250	215	215
Max. G force with ExactXtract™ control	N/A	N/A	N/A	300	N/A	300	300	300
Drain valve - ins. (mm)	3 (76)	3 (76)	3 (76)	3 (76)	3 (76)	3 (76)	3 (76)	3 (76)
Inlet valve - ins. (mm)	0.75 (19.1)	0.75 (19.1)	0.75 (19.1)	0.75 (19.1)	0.75 (19.1)	0.75 (19.1)	1.25 (32)	1.25 (32)
Overall width - ins. (mm)**	34.5 (876)	34.5 (876)	43.38 (1102)	51 (1295)	43.38 (1102)	51 (1295)	52.25 (1327)	52.25 (1327)
Overall depth - ins. (mm)**	45.75 (1162)	52.25 (1327)	53 (1346)	67.19 (1706)	58 (1473)	72.19 (1833)	76.38 (1939)	80.31 (2041)
Overall height - ins. (mm)**	54 (1372)	54 (1372)	67 (1702)	69 (1753)	67 (1702)	69 (1753)	69.63 (1768)	69.63 (1768)
Approx. net weight - lbs. (kg)	844 (383)	909 (412)	1,340 (608)	2,384 (1081)	1,452 (658)	2,270 (1030)	2,400 (1088)	2,476 (1124)

+Depending on density and soil content of goods. \*Approximate. \*\*Standard accessories. Specifications and appearance subject to change without notice.

♦with optional ExactXtract™ extraction optimizer control



Pellerin Milnor Corporation  
 P.O. Box 400, Kenner, LA 70063-0400 USA  
 504/712-7656  
 800/469-8780  
 Fax: 504/468-3094  
 E-mail: [mktg@milnor.com](mailto:mktg@milnor.com)  
<http://www.milnor.com>

Printed in U.S.A.  
 © Pellerin Milnor Corporation  
 Class 5-1 Brochure B22SL00002/10473