



# CENTRIFUGAL EXTRACTORS

FOR AUTOMATED CBW<sup>®</sup>/PBW<sup>™</sup> BATCH WASHING SYSTEMS



Model MXS4232

## Extract even the most delicate and difficult-to-handle fabrics automatically in a CBW®/PBW™ batch washing system

Milnor's centrifugal extractor — teamed with a CBW®/PBW™ batch washer — brings full automation to processing all types of linen, even the most delicate and difficult-to-handle fabrics.

The extractor teamed with any size Milnor tunnel washer, broadens a laundry's processing opportunities. With cycle times as low as 2 ½ minutes, Milnor's centrifugal extractor can produce over 24 loads per hour (depending upon goods and programming). The single motor and inverter produce a full range of speeds.

### Efficient loading and unloading

The hydraulic system of Milnor's centrifugal extractor is designed to tilt quickly for fast turnaround between loads.

### Extracts polycottons and barrier cloth with ease

Milnor's centrifugal extractor works especially well with polycotton goods such as uniforms. Reducing moisture retention without setting wrinkles allows these uniforms to go directly to a steam finishing tunnel. The result is faster output higher production, and a superior finish. The machine's ability to remove water gently and efficiently also allows extraction of multifilament for operating rooms, as well as 100% polyester napery. Maximum moisture removal reduces drying times and saves fuel.

### A variety of configurations

This versatile centrifugal extractor is designed for a variety of configurations:

- One centrifugal extractor can receive discharged goods immediately from a tunnel washer and discharge them directly into carts or onto a shuttle that loads automatic dryers
- Multiple centrifugal extractors can be used with a single CBW®/PBW™ batch washer in higher-production plants
- A combination of centrifugal and membrane press extractors can be configured for mixed-goods plants
- 4 programmable extract speeds

### Improves mat processing

The centrifugal extractor is ideal for mat-processing laundries because it allows for continuous production and reduces post-processing. The extractor achieves low moisture retention with either cotton or synthetic mats

— even up to 4' x 10'. This minimizes post-processing requirements, saving you time, labor, and fuel. During extraction, the machine automatically distributes mats evenly inside the cylinder. The optional phased extract cycle helps minimize hydrobursting, since sudden pressure is not applied to pockets of water common with some types of goods.

### Other features

- Microprocessor control links to washer and dryer controls for completely automated system
- Suspension system isolates vibration for high speed operation
- Bearing housing supported 360° by massive ring-of-steel design
- Dynamic braking uses the inverter, not discs or pads, to shorten turnaround time
- Links to Mildata® computer system for total plant management. Ask us for a brochure
- Flat back design simplifies service access

### Centrifugal Extractor

With cylinder speeds up to 1000 RPMs and 600 G-forces, Milnor's centrifugal extractor produces excellent moisture removal. Pre-extract load distribution speed minimizes out-of-balance conditions. The single-motor drive system with an inverter produces a full range of speeds.



Paired with a Milnor tunnel washer, the centrifugal extractor combines versatility with automation.

### SPECIFICATIONS

	MXS4232		M9V4840	
Maximum extract speed - RPM (G force)	1000	(600)	840	(480)
Dry weight capacity - lb. (kg)	up to 150	(68)	up to 260	(118)
Cylinder diameter - in. (mm)	42	(1067)	48	(1219)
Cylinder depth - in. (mm)	32	(813)	40	(1016)
Gross cylinder volume - cu. ft. (L)	25.7	(728)	41.9	(1186)
Drive Motor - HP (kW)	30	(22)	60	(45)
Hydraulic Motor - HP (kW)	11	(8.2)	15	(11.2)
Overall Width - in. (mm) +	106.63	(2708)	122.43	(3110)
Overall Depth - in. (mm)	128.87	(3273)	166.4	(4227)
Stationary Overall Height - in. (mm)	103.25	(2622)	113.87	(2892)
Unloading Overall Height - in. (mm)	135.81	(3450)	159.68	(4055)
Approximate gross weight - lb. (kg)	12,450	(5647)	19,110	(8668)

+ Add 36 in. (914 mm) for freestanding controls.

Specifications are approximate.

Specifications and appearance are subject to change without notice.

