PROFESSIONAL CARPET CLEANING EQUIPMENT

MIX SERIES

AUTOMATIC CARPET WASHING & DRYING MACHINES

Automatic washing and spin drying in one integrated machine. Six configurations with VFD-controlled centrifugal water extraction.



Shown: MIX32-4.

MIX32-4 · MIX32-6 · MIX32-8 · MIX42-5 · MIX42-8 · MIX42-10

2 CLEANING WIDTHS	6 CONFIGURATIONS	3 ACCESSORIES
3,200 / 4,200 mm 125.98 / 165.35 in	One MIX Series	Included as standard

AN INTEGRATED PROCESS

Wash. Rinse. Spin dry.

MIX combines automatic carpet washing with spin drying. The integrated centrifuge extracts water mechanically; the final drying stage depends on the carpet and operating conditions.

01 / WASH

Circular brushes and electric brush pressure provide controlled brush contact. The bottom roller brush is included.

02 / RINSE

Pre-soak and the rinsing squeegee are included across the series, alongside carpet wrapping.

03 / EXTRACT

An integrated centrifuge operates at 1,200 rpm, with VFD-controlled acceleration and deceleration.

COMMON MIX SERIES FEATURES

Circular brush diameter
Ø460 mm / Ø18.11 in

Circular brush motor power
1.1 kW

Brush pressure
Electric

Bottom roller brush
Included

Pre-soak
Included

Rinsing squeegee
Included

Carpet wrapping
Included

Centrifuge speed
1,200 rpm

Centrifuge timer
Included

Soft start / controlled soft stop
VFD-controlled

Automatic braking / reverse
Included

Braking resistor
Included

ENGINEERED FOR AN INTEGRATED MACHINE

Control the start. Control the stop.

Washing and centrifugal extraction share one machine structure. Controlled acceleration and deceleration help limit abrupt torque changes and mechanical loading.

MIX32 CONFIGURATIONS

5.5 kW motor / 7.5 kW VFD

Braking resistor included

MIX42 CONFIGURATIONS

7.5 kW motor / 11 kW VFD

Braking resistor included

STANDARD SUPPLY		VFD		MOTOR		CENTRIFUGE
3-phase 380 V	>	**7.5 / 11 kW**	>	**5.5 / 7.5 kW**	>	**1,200 rpm**
50-60 Hz		Controlled ramps		Model-dependent		Water extraction

CENTRIFUGE DRIVE SYSTEM

Braking resistor: helps manage regenerative energy during controlled deceleration under the drive's configured operating conditions.

Soft start

A controlled ramp brings the motor up to speed.

Controlled soft stop

The VFD manages the deceleration characteristic.

Automatic braking

Drive and resistor support controlled braking.

Automatic reverse

Centrifuge reverse is separate from carpet wrapping.

Drive control works alongside mechanical balance, construction and correct installation.

CHOOSE THE RIGHT CONFIGURATION

All six. Side by side.

Compare cleaning width, brush configuration and installed power. US customary dimensions and weights are rounded equivalents.

Specification	MIX32-4	MIX32-6	MIX32-8	MIX42-5	MIX42-8	MIX42-10
Cleaning width	3,200 mm 125.98 in	3,200 mm 125.98 in	3,200 mm 125.98 in	4,200 mm 165.35 in	4,200 mm 165.35 in	4,200 mm 165.35 in
Circular brushes	4	6	8	5	8	10
Brush diameter	460 mm 18.11 in	460 mm 18.11 in	460 mm 18.11 in	460 mm 18.11 in	460 mm 18.11 in	460 mm 18.11 in
Drum length	3,200 mm 125.98 in	3,200 mm 125.98 in	3,200 mm 125.98 in	4,200 mm 165.35 in	4,200 mm 165.35 in	4,200 mm 165.35 in
Drum diameter	380 mm 14.96 in	380 mm 14.96 in	380 mm 14.96 in	380 mm 14.96 in	380 mm 14.96 in	380 mm 14.96 in
Centrifuge motor	5.5 kW	5.5 kW	5.5 kW	7.5 kW	7.5 kW	7.5 kW
Centrifuge VFD	7.5 kW	7.5 kW	7.5 kW	11 kW	11 kW	11 kW
Total installed power	15 kW	17.2 kW	19.4 kW	18.1 kW	21.4 kW	23.6 kW
Current (380 V)	30 A	34 A	39 A	36 A	42 A	47 A
Machine weight	2,000 kg 4,409.2 lb	2,300 kg 5,070.6 lb	2,400 kg 5,291.1 lb	2,500 kg 5,511.6 lb	2,900 kg 6,393.4 lb	3,000 kg 6,613.9 lb

Current values apply to the standard three-phase 380 V configuration.

All models: centrifuge speed 1,200 rpm. Full external dimensions are on the following page.

PLAN THE INSTALLATION

Space. Supply. Specification.

External dimensions are L × W × H. Use the model-specific installation data sheet to plan service clearances, floor loading and utilities.

Model	Metric dimensions (mm)	US dimensions (in)
MIX32-4	4,000 × 2,300 × 2,100	157.48 × 90.55 × 82.68
MIX32-6	4,000 × 2,800 × 2,100	157.48 × 110.24 × 82.68
MIX32-8	4,000 × 2,800 × 2,100	157.48 × 110.24 × 82.68
MIX42-5	5,000 × 2,300 × 2,100	196.85 × 90.55 × 82.68
MIX42-8	5,000 × 2,800 × 2,100	196.85 × 110.24 × 82.68
MIX42-10	5,000 × 2,800 × 2,100	196.85 × 110.24 × 82.68

ELECTRICAL CONFIGURATIONS

Standard Configuration: Three-phase, 380 V, 50-60 Hz

Alternative Configuration: Three-phase, 220 V available upon request.

Electrical specifications can be tailored to the customer's installation requirements. Final supply details are confirmed during the quotation process.

CONSTRUCTION SPECIFICATION

AISI 304 material specification · Galvanized chassis · Painted coating

SUPPLIED WITH EVERY CONFIGURATION

3 accessories. Included as standard.

The soaking basin, inclined transfer trolley and 100 L detergent tank unit are included with every MIX32 and MIX42 model.



01 / CARPET SOAKING BASIN

Located at the front of the machine and used to soak carpets before washing. Visible in this MIX32-4 example photograph.



02 / INCLINED CARPET TRANSFER TROLLEY

The inclined trolley supports carpet transfer around the machine. Supplied as standard with all six MIX configurations.



03 / 100 L DETERGENT TANK UNIT

100 L (approximately 26.4 US gal). The supplied unit includes the plastic tank, metal support frame, pump and connection hose.

Included with MIX32-4, MIX32-6, MIX32-8, MIX42-5, MIX42-8 and MIX42-10.

PLAN YOUR MIX CONFIGURATION

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