



A better way to clean.

# The BR 13/1 MW



Low-Moisture, Multi-Purpose Scrubber  
for Hard and Soft Floors

# BR 13/1 MW Low-Moisture Floor Scrubber

## For a Healthy and Safe Indoor Environment

The BR 13/1 MW is easier on the indoor environment and makes cleaning so simple, it is actually enjoyable. In-house facility managers, building engineers, housekeepers and BSCs will appreciate the BR 13/1 MW's superior flexibility, advanced productivity and reduced environmental impact. Where high quality floor cleaning performance, ease of use and durability are called for, the BR 13/1 MW is the most versatile and effective answer for any hard or soft floor surface.

### Low-Moisture Cleaning with Cylindrical Brush

Environmentally preferred, the BR 13/1 MW offers the latest cleaning innovation — cylindrical brush technology. The use of cylindrical brush technology uses 30% less water, delivering low-moisture cleaning design and deep scrubbing through concentrated brush speeds of 650 RPMs — over three times higher than the speed of comparable rotary brush automatic scrubbers. Cylindrical brushes provide 4-6 times more contact pressure than rotary brush scrubbing, handling any flat floor surface with ease, as well as uneven surfaces such as quarry tile, paver bricks, and raised rubber disc flooring. The BR 13/1 MW can also be used for cleaning escalators and moving walkways. For even greater flexibility, the BR 13/1 MW can be used on commercial-grade carpeting and entrance matting in conjunction with low-moisture, carpet mill approved encapsulation carpet cleaning. Producing minimal impact to the environment, waste is reduced as cylindrical brushes far outlast rotary pads, using on average one set of brushes for every 100 floor pads.

### Ergonomic, Whisper-Quiet, Daytime Cleaning

The soundproof housing allows the BR 13/1 MW to run at a whisper-quiet 69 dB, perfect for day time cleaning in environments including hospitals, nursing homes, schools and hotels. The BR 13/1 MW not only excels at maintaining floors, it delivers superior operator comfort with an ergonomic handle and simple control levers making operation and maneuverability a breeze.

### Extend Carpet Lifecycle and Improve Appearance with Encapsulation

Effective on commercial-grade carpeting or entrance matting, the BR 13/1 MW can be used as an interim encapsulation carpet cleaner to increase the lifecycle, health and beauty of your carpeting. Pair the BR 13/1 MW with a soil encapsulating pre-spray, and the BR 13/1's cylindrical brushes agitate and "pile lift" the carpet for an interim solution for high-traffic carpeted spaces. The use of low-moisture cylindrical brush technology ensures that carpet over-wetting never occurs, substantially reducing the growth of mold, bacteria, and allergens in carpet caused by excess moisture. Since less water is used, carpets dry quickly. This means your carpets are safe, dry and ready for use faster.

**Complete Encapsulation System**

**SPRAYER**  
GREEN SEAL ENCAPSULATION CHEMICAL

**TORNADO BR 13/1 MW**

**TORNADO UPRIGHT VACUUM SUCH AS CK LW 13/1**

**Low-Moisture Carpet Rejuvenation that is Easy on the Indoor Environment**

The image features a man in a black shirt and khaki pants operating a yellow and black floor scrubber on a carpeted floor. To the left, there is a yellow sprayer and a blue jug. To the right, there is a black upright vacuum. The background is a bright, indoor setting with large green leaves overlaid on the left and right sides. The text is arranged in a diagrammatic fashion, showing the components and their combined effect.



## Capabilities:

- Lifts dirt from virtually every kind of floor surface
- Leaves floors clean, dry and ready to walk on in minutes
- 13 in. wide cleaning path, perfect for small, medium or hard-to-reach spaces
- Environmentally preferred encapsulation carpet cleaning minimizes moisture and microbial activity on carpeted surfaces
- Minimize chemical buildup left on carpets through use of encapsulation carpet cleaning

## Key Features:

- Increased savings on chemical costs and water
- Multi-purpose machine used for both hard and soft floors
- Excellent maneuverability, no heavy pushing, pulling or lifting
- Accessible and removable tanks for fast solution changes and emptying
- Whisper-quiet operation, perfect for daytime cleaning in noise-sensitive environments
- Better carpet cleaning method than Bonnet cleaning



### Simple to Use

Removable water tanks are easily emptied, rinsed and refilled.



### Transport Easily

For fast and simple transport, an optional trolley is available.



### Professional Performance

Height adjustable transport wheels allow variable contact pressure with the floor surface.



### Compact

The BR 13/1 MW takes automatic scrubbing into confined, small-areas where bigger units can not go.



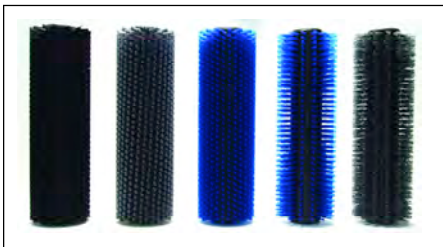
### Solution Atomization

Cleaning solution is atomized into a fine mist and dispersed through the cylindrical brushes, so less moisture is consumed during the hard floor or carpet cleaning process.



### Optional Side Brush

Providing superior edge-cleaning capability, optional side-brushes are available to widen your cleaning path even further, delivering access to tight-corners and hard-to-reach spaces.



### Cylindrical Brushes

The BR 13/1 MW comes standard with black brushes for daily cleaning operations. A variety of brushes are available for high performance on structured flooring.

## Benefits of Cylindrical Brush:

- Cleans 3,775 sq. ft. per hour
- 30% less water consumption
- Self-cleaning brushes — no messy disc pads
- Higher RPM — 650 for deep-cleaning power
- Three times greater contact pressure than rotary auto scrubbers

## Dual-Cleaning Applications:

- Excellent results on hard floor coverings including vinyl tile, brick, slate, mosaic, granite, marble and rubber floors.
- Can be used on escalators, commercial-grade carpeting and entrance matting.
- Particularly effective for tile and grout cleaning and non-slip safety floors.
- Perfect for eco-friendly encapsulation carpet cleaning for commercial grade carpets and entrance mats.
- Choice of brushes for normal maintenance or intensive scrubbing. Cylindrical brushes "lift" and revitalize carpet fibers while low-moisture solution atomization minimizes moisture, allergens and bacteria in carpets.
- Side brushes are available and facilitate edge-cleaning right into hard-to-reach corners.
- Perfect for hotels, hospitals, restaurants, restrooms, schools, airports, and retail sales floors.

## Soft Floors



## Hard Floors



BROAD RANGE FLOOR CARE APPLICATIONS												
BRUSH / PAD TYPE	DAILY CLEANING	DEEP SCRUB	SPORTS FLOOR	TEXTURED	EPOXY/ RUBBER	WOOD FLOORS	GROUT	ESCALATOR	CONCRETE	COMMERCIAL CARPET	MARBLE OR GRANITE	VINYL
Standard	X		X	X	X	X	X		X			X
Hard		X			X				X			
Soft	X		X	X	X	X	X			X	X	X
Escalator								X				
Side	X	X	X	X	X	X	X		X	X	X	X

PRODUCT SPECIFICATIONS	
MODEL	BR 13/1 MW
CATALOG NUMBER	99410
MACHINE DIMENSIONS (LXWXH)	15x17x44
NET WEIGHT	55 lbs.
SOLUTION / RECOVERY TANK	1 gal./ .4 gal.
DESIGN CHARACTERISTICS	
TANK CONSTRUCTION	Polyethelene
BRUSH TYPE	2, counter-rotating cylindrical
BRUSH WIDTH	12"
BRUSH RPM	650 rpm
CLEANING PATH	13"
BRUSH MOTOR	1 HP
SOUND LEVEL	69 dB
CLEANING RATE (SQ. FT. PER HOUR)	3,775 square feet
WARRANTY	1 year*
ACCESSORIES	
STANDARD BRUSH	33855
SOFT BRUSH	33856
HARD BRUSH	33857
ESCALATOR BRUSH	33859
SIDE BRUSH	33858
TRANSPORT TROLLEY	05-3395-0000

\* See full warranty for details

\*\* Performance statistics or claims contained in this brochure are estimates. Actual results may vary based upon conditions of the application and surface being cleaned.

Less moisture,  
mold, bacteria  
and allergens



Low-moisture cleaning systems meet requirements of 2009 U.S. Green Building Council LEED EB Operations and Maintenance.



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