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Tornado®
a new spin on cleaning

The BR and BD 33/30 Ride-On Automatic Scrubbers

Attractive Design
Advanced Engineering
Unsurpassed Performance



The New Standard of Scrubbing

Renew hard floor surfaces in large, unobstructed spaces faster than ever before. Tornado's ride-on automatic scrubbers increase cleaning productivity in areas including supermarkets, manufacturing plants, airports, exhibit halls and much more.

Innovative Electrical Control System

For effortless operation, Tornado's BR and BD 33/30 ride-on units offer an automatic mode which will start all necessary operations of the scrubber once it is turned on. This system also gradually starts all of the motors and constantly controls the operation parameters to guarantee longer run-time and reliability. When in reverse, this machine also includes an automatic squeegee retraction feature.

Sustainability with Cylindrical Brush

The environmentally preferred BR units offer the latest modern enhancement—cylindrical brush technology. The use of cylindrical brush technology delivers low moisture cleaning design and deep scrubbing through concentrated brush speeds of 1300 RPM—over six 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 structured surfaces such as quarry tile, paver bricks, and raised rubber disc flooring. Source reduction and environmental waste are minimized as cylindrical brushes far outlast rotary pads, using on average, one set of brushes for every 100 floor pads. This also means increased worker productivity, safety, cleaning speed, and significantly less time spent on pad replacement and maintenance.

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The BR and BD 33/30. Attractive design, advanced engineering, and unsurpassed performance

Features of the BR and BD 33/30

- BR unit has a 33" cleaning path
- BR unit come standard with a stainless steel pre-sweep function
- BD unit has a 33" cleaning path
- 30 gallon solution tank
- Automatic operation control mode and squeegee retraction when in reverse
- Steering radius of only 6 feet for maneuvering tight corners
- Simple operator interface
- Exceptionally durable rotomolded polyethylene construction
- Ergonomic design
- 3 settings for brush pressure



PRODUCT SPECIFICATIONS		
MODEL	BD 33/30	BR 33/30
CATALOG NUMBER	99780	99785
MACHINE DIMENSIONS		
L X W X H	65" X 35" X 67"	65" X 36" X 51"
NET WEIGHT	690 lbs.	739 lbs.
SOLUTION / RECOVERY TANK	30 / 32 gal.	30 / 32 gal.
SQUEEGEE WIDTH	45"	45"
DESIGN CHARACTERISTICS		
TANK CONSTRUCTION	Polyethylene	Polyethylene
CLEANING SYSTEM		
BRUSH TYPE	Twin Disk	Cylindrical
BRUSH WIDTH	33"	33"
BRUSH RPM	162	785
BRUSH PRESSURE	187 lbs. (max)	176 lbs. (max)
CLEANING PATH	33"	33"
PRODUCTIVITY		
CLEANING RATE (SQ. FT PER HOUR)	55,952	55,952
MOTORS		
VACUUM MOTOR	.7 hp	.8 hp
BRUSH MOTOR	1.5 hp	.9 hp
SOUND LEVEL	70 dB	70 dB
BATTERY		
VOLTAGE	36	36
REPLACEMENT AND OPTIONAL ITEMS		
STANDARD REAR SQUEEGEE	48406100	48406100
POLY / OIL RESISTANT FRONT SQUEEGEE	48403110	48403110
OIL RESISTANT REAR SQUEEGEE	48406030	48406030
13" PAD HOLDER (2 REQ.)	NA	NA
13" MEDIUM SCRUB BRUSH (2 REQ.)	NA	NA
13" GRIT SCRUB BRUSH (2 REQ.)	NA	NA
POLY SCRUB BRUSH	NA	48906010
MEDIUM SCRUB BRUSH	NA	48906050
HI-LOW GROUT BRUSH	NA	48906030
GRIT SCRUB BRUSH	NA	48906070
16.5" PAD HOLDER (2 REQ.)	48803050	NA
16.5" MEDIUM SCRUB BRUSH (2 REQ.)	48903120	NA
16.5" GRIT SCRUB BRUSH (2 REQ.)	48906030	NA



Parabolic Squeegee

Heavy duty assembly featuring a four-sided rear blade with quick release lever to facilitate squeegee changes in 10 seconds or less! This ensures a lower cost of ownership.



Safety Features

To ensure worker safety, the machine includes a roll-bar for greater operator protection.

Silent Supervisor

Ergonomic handle and easy-to-read control panel displays battery run time and charge indicator, maximizing your team's cleaning efficiency and protecting your investment.

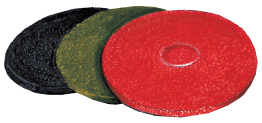
Quick Brush Change

Deck shroud peals back allowing easy access to change brushes.



Cylindrical Brushes

The BR units come standard with white brushes for daily cleaning operations. A variety of brushes are available for high performance on structured flooring.



Disc Pads and Brushes

The BD units come standard with pad holders. When used with the appropriate pad, this is the ideal solution to daily maintenance cleaning. The BD machines can be fitted with a variety of optional scrub brushes, a time-proven solution for smooth floors.



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