

The BD 40/66 and BR 40/66

Heavy-Duty Design, Advanced Engineering and Unsurpassed Performance



THE Industrial Solution

Tornado's new BD 40/66 and BR 40/66 ride-on scrubbers not only further extends our auto-scrubber offering, but is designed to meet the toughest cleaning applications. Available in disc and cylindrical options, with 66 gallon solution tanks and heavy-duty body design these scrubbers have the features to solve your toughest cleaning challenges.

Innovative Electrical Control System

For effortless operation, Tornado's ride-on BD 40/66 and BR 40/66 units offer an automatic mode which will start all necessary operations of the scrubber once the gas pedal is pressed. This system gradually starts all of the motors and constantly controls the operation parameters to guarantee longer run-time and reliability. When in reverse, this machine includes an automatic squeegee retraction feature.

Sustainability with Cylindrical Brush

The environmentally preferred BR 40/66 offers 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 933 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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Features

- 40 inch cleaning path
- BR unit features a pre-sweep tray.
- 66 gallon solution tank
- Automatic operation control mode and squeegee retraction when in reverse
- Heavy-Duty design allowing these units to tackle the toughest environments

Applications

The Tornado® BD 40/66 and BR 40/66 Scrubbers are perfect for use in many different environments including:

- Warehouses
- Manufacturing Plants
- Shipping Facilities
- Hospitals
- and much more!



Dual-Vacuum Motors

These units incorporate dual-vacuum motors to ensure complete solution recovery.



Automatic Mode

Automatic mode starts all necessary operations of the scrubber once it is turned on, making operation effortless.



Large Clean Out

A large evacuation plate ensure operators can easily clean out the recovery tank.



Integrated Bumper

Integrated bumper keeps walls and other sensitive areas from being damaged.



PRODUCT SPECIFICATIONS		
MODEL	BD 40/66	BR 40/66
CATALOG NUMBER	99790	99795
MACHINE DIMENSIONS		
L X W X H	80 in x 41 in x 77 in 203 cm x 104 cm x 196 cm	80 in x 46 in x 77 in 203 cm x 117 cm x 196 cm
UNIT WEIGHT (w/o batteries)	1,323 lbs. / 600 kg	1,477 lbs. / 670 kg
SOLUTION TANK	62 gal / 235 l	62 gal / 235 l
RECOVERY TANK	66 gal / 250 l	66 gal / 250 l
SQUEEGEE WIDTH	51 in / 130 cm	51 in / 130 cm
CLEANING SYSTEM		
BRUSH TYPE	Disc	Cylindrical
CLEANING PATH	40 in / 102 cm	40 in / 102 cm
BRUSH RPM	162	933
BRUSH PRESSURE	353 lbs. / 160 kg max	243 lbs. / 110 kg
PRODUCTIVITY		
CLEANING RATE	75,347 sq. ft. per hour 7,000 sq. m per hour	75,347 sq. ft. per hour 7,000 sq. m per hour
MOTORS		
TRACTION MOTOR	33 A / 1,200 W	33 A / 1,200 W
VACUUM MOTOR (DUAL)	16 A / 570 W	16 A / 570 W
BRUSH MOTOR	42 A / 1,500 W	42 A / 1,500 W
BATTERY		
VOLTAGE	36 V	36 V
WARRANTY		
LABOR	1 year*	1 year*
BATTERIES	1 year (prorated)*	1 year (prorated)*
PARTS	2 years*	2 years*
TANKS	10 years*	10 years*
REPLACEMENT ITEMS		
PAD HOLDER	48802010	N/A
STANDARD FRONT BRUSH	N/A	48907050
STANDARD REAR BRUSH	N/A	48907060
STANDARD FRONT SQUEEGEE	48407130	48407020
STANDARD REAR SQUEEGEE	48407120	48407010
OPTIONAL ITEMS		
MEDIUM BRUSH	N/A	48907070
GRIT BRUSH	N/A	48907080
SIDE BRUSH	N/A	48907100
STANDARD BRUSH	48902050	N/A
MEDIUM BRUSH	48902030	N/A
GRIT BRUSH	48902040	N/A
5-MIX BRUSH	48902060	N/A
LINATEX REAR SQUEEGEE	48407140	48407030
PU REAR SQUEEGEE	48407160	48407040

* See full warranty for details