

## BR 18/11 and BD 20/11 Small Walk-Behind Auto Scrubbers

World Class Scrubbers  
Delivering Superior Productivity,  
Durability and Increased  
Health and Safety



### The New Standard of Scrubbing

Designed from the ground up with our customer's needs in mind, the new BR and BD small walk-behind scrubber family from Tornado® is perfect for smaller spaces and is offered in your choice of disc or cylindrical brush for hard floor scrubbing. These brand new small scrubbers meet rigorous global user standards for durability and productivity, offering enhanced features, benefits and a sleek new look that clearly outmatches the competition.

### Sustainability with Cylindrical Brush

Tornado's cylindrical brush units are designed for environmental sustainability. These units conserve natural resources including water, solution and source materials, and also operate at a whisper-quiet 67 dB, which is perfect for use in noise-sensitive facilities such as hospitals, schools, libraries, restaurants, retail shops, and more. Cylindrical brush technology delivers low moisture deep scrubbing through concentrated brush speeds of 1300 RPM — over six

times higher than the speed of comparable rotary brush automatic scrubbers. Cylindrical brushes also 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. What's more, the BD 18/11 comes standard with a built-in, on-board charger for ease of use.

### Tough, Long-lasting Scrubbers

When it comes to durability, our small walk-behind scrubbers feature a tough, no-hassle, quick-change parabolic squeegee system delivering 100% solution recovery — even on 180 degree turns. Constructed with a tough rotomold polyethylene body, you'll get years of maximum performance and reliability, while experiencing minimal machine down-time with its wide-open clam-shell design for fast and easy access to tanks, batteries and motor. What's more, these units come standard with a 10 year warranty on the body and tanks for years of hassle-free use and reliability.

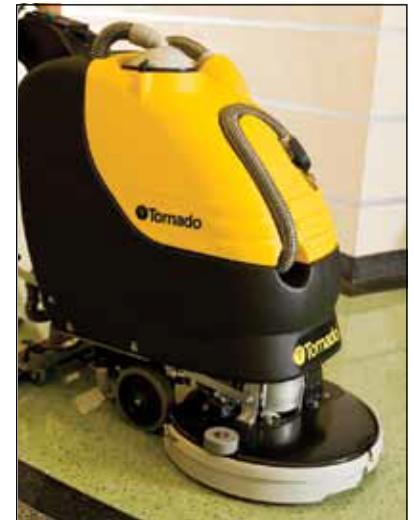
# BR 18/11 and BD 20/11. Delivering Leading Edge Innovation, Durability, and Versatility

## Features and Benefits of the BR 18/11 and BD 20/11

- Small walk-behind scrubber perfect for smaller areas such as commercial buildings, hotels, schools, restaurants, retail shops and hospitals
- 18" cleaning path on BR unit
- 20" cleaning path on BD unit
- 11 gallon solution tank
- Simple user interface
- Exceptionally durable rotomolded polyethylene construction
- Low sight line profile
- Whisper quiet 67 dB
- Eco-friendly, 100% non-spill battery available
- Heavy-duty, four-sided parabolic squeegee
- Ergonomic handle design
- Stainless steel battery tray
- Manual adjustment of brush pressure



BR 18/11

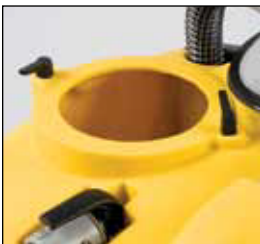


BD 20/11

### Less Solution and Water

#### Disc Pads and Brushes

The BD units come standard with pad holders and can be fitted with a variety of optional scrub brushes, a time-proven solution for smooth floors.



#### Easy to Clean

Quick release recovery tank lid for easy tank rinsing and filling.



#### 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.



#### Vacuum Motor Protection

Automatic recovery tank float shut off device to avoid foam and water from damaging vacuum motors.



#### 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.



#### 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.



#### On-Board Charger

The BR 18/11 and the BD 20/11 come standard with a built-in, on-board charger to ensure quick and easy charging.

PRODUCT SPECIFICATIONS		
MODEL	BR 18/11	BD 20/11
CATALOG NUMBER	99685	99680
MACHINE DIMENSIONS		
L X W X H	43" X 21" X 41"	43" X 21" X 41"
NET WEIGHT	157 lbs.	157 lbs.
SOLUTION / RECOVERY TANK	11 gal. / 12 gal.	11 gal. / 12 gal.
SQUEEGEE WIDTH	31"	31"
DESIGN CHARACTERISTICS		
TANK CONSTRUCTION	Polyethylene	Polyethylene
CLEANING SYSTEM		
BRUSH TYPE	Cylindrical	Disk
BRUSH WIDTH	18"	20"
BRUSH RPM	1300	350
BRUSH PRESSURE	50 lbs.	50 lbs.
CLEANING PATH	18"	18"
PRODUCTIVITY		
CLEANING RATE (SQ. FT PER HOUR)	17,969	18,830
MOTORS		
VACUUM MOTOR	.6 hp	.6 hp
BRUSH MOTOR	.6 hp	.6 hp
SOUND LEVEL	66 dB	66 dB
BATTERY		
VOLTAGE	24	24
REPLACEMENT AND OPTIONAL ITEMS		
20" PAD HOLDER	NA	48802020
SOFT SCRUB BRUSH (2 REQUIRED)	K5762172	48902010
STANDARD REAR SQUEEGEE	48401010	48401010
POLY/OIL RESISTANT FRONT SQUEEGEE	48401020	48401020
MEDIUM SCRUB BRUSH (2 REQUIRED)	K5762169	48902020
HI-LOW GROUT BRUSH (2 REQUIRED)	K5762170	NA
GRIT SCRUB BRUSH (2 REQUIRED)	K5762171	48902030

