



# Robust commercial-duty floor cleaning machines

Engineered for rugged dependability and rigorous demands



## BDS 43/175 C, BDS 51/175 C, BDS 51/175-300 C



### Engineered for rugged dependability.

Kärcher's line of commercial-duty floor machines are built to endure the rigorous demands of commercial cleaning with rugged construction and durable time-tested components. Utilizing cast aluminum housings rather than poly or stamped frames, the BDS machines are available in single and dual speed models.



#### 1 Performance

- New startup capacitor and run capacitor are more robust for greater efficiency operation
- Single motor with new die cast aluminum housing for smoother operation and better protection of the machine
- Single and dual speed models available



#### 2 Convenient

- New, stronger handle housing for smoother operation and longer life
- Fully adjustable handle height system for ease of use
- Large non-marking wheels for hygiene, easy transport and protection of flooring



#### 3 Safety

- New cord strain relief system minimizes cord breaks, kinks and tears
- Mechanical safety interlock prevents accidental start-ups
- Built-in circuit breaker protects the motor

## Technical data


**BDS 43/175 C**

- 66" frame, AC motor
- Dual capacitors for high-efficiency operation
- Rugged cast aluminum base full protective bumper


**BDS 51/175 C**

- All-steel triple planetary gear transmission
- Sure grip handle height adjustment
- Durable cast aluminum switch housing


**BDS 51/175-300 C**

- Adjustable handle height
- Two speeds for increased productivity
- Cast aluminum base

### Technical data

Pad speed	175 rpm	175 rpm	175-300 rpm
Pad diameter	17" (430 mm)	20" (510 mm) for Dual Speed Machine	20" (510 mm) with Clutch Plate
Pad drive diameter	16" (410 mm) Rigid	19" (480 mm)	19" (480 mm)
Optional brushes	Nylon, Polypropylene, mild or aggressive grit	Nylon, Polypropylene, mild or aggressive grit	Nylon, Polypropylene, mild or aggressive grit
Motor	1.5 hp single speed, 175 rpm	1.5 hp single speed, 175 rpm	1.75 hp (1305 watt), dual speed, 300 rpm, DC
Construction	Die cast aluminum motor base and handle housing	Die cast aluminum motor base and handle housing	Die cast aluminum motor base and handle housing
Hand tube	1.5" (4 cm) cold rolled steel and non-marking PVC grips	1.5" (4 cm) cold rolled steel and non-marking PVC grips	1.5" (4 cm) cold rolled steel and non-marking PVC grips
Wheels	Two, 5" (127 mm) x 1.25" (30 mm) non-marking	Two, 5" (127 mm) x 1.25" (30 mm) non-marking	Two, 5" (127 mm) x 1.25" (30 mm) non-marking
Electric rating	115 V, 60 Hz	115 V, 60 Hz	115 V, 60 Hz
Weight	112 lbs (51 kg)	112 lbs (51 kg)	112 lbs (51 kg)
Dimensions (L x W x H)	23" x 18" x 47" (580 mm x 460 mm x 1190 mm)	24.5" x 21" x 47" (620 mm x 530 mm x 1190 mm)	24.5" x 21" x 47" (620 mm x 530 mm x 1190 mm)

### Equipment

High mounted handle lock / Height adjustment	■	■	■
Heavy duty construction, Non-marking PVC bumper	■	■	■
Dual main switch levers	■	■	■
Thumb activated safety interlock	■	■	■
Order No.	1.009-091.0	1.009-092.0	1.009-094.0

■ Included in delivery.

### Accessories

BDS 43/175 C	Order No.
Pad Driver, 17" with Clutch Plate, Floor Machine	8.600-012.0
Lock, pad center snap, two step	8.600-507.0
Polisher tank kit	8.600-062.0
Brush, 17" POLY W/CP U19564	8.600-011.0
Brush, 17" NYL.POL W/CP U19563	8.600-014.0
Brush, 17" NYL.SCRUB W/CP U19562	8.628-380.0
Brush, 17" MILD GRIT W/CP U19565	8.600-013.0
Brush, 17" AGG. GRIT W/CP U19566	8.628-371.0
Sanding disk, 17"	8.625-258.0

BDS 51/175 C, BDS 51/175-300C	Order No.
Pad Driver, 20" for Dual Speed Machine	8.628-429.0
Pad Driver, 20" with Clutch Plate, Floor Machine	8.628-430.0
Lock, pad center snap, two step	8.600-507.0
Polisher tank kit	8.600-062.0
Brush, 20" NYL.POL. W/CP U19555	8.628-379.0
Brush, 20" NYL.SCRUB W/CP U19554	8.628-377.0
Brush, 20" MILD GRIT W/CP U19557	8.628-378.0
Brush, 20" AGG.GRIT W/C.P. U19558	8.628-369.0
Sanding disk, 20"	8.625-259.0
Brush, 20" POLYPRO W/CP U19556	8.628-370.0
Brush, 20" CARPET SHAMPOO	8.628-388.0



**makes a difference**



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