

# KÄRCHER

makes a difference



## **ROBUST COMMERCIAL-DUTY FLOOR CLEANING MACHINES.**

Engineered for rugged dependability and rigorous demands.

# 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 in flammable playgrounds.

## 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 Specifications and Order Numbers.



**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

	BDS 43/175 C	BDS 51/175 C	BDS 51/175-300 C
<b>Pad speed</b>	175 rpm	175 rpm	175-300 rpm
<b>Pad diameter</b>	17" (430 mm)	20" (510 mm) for Dual Speed Machine	20" (510 mm) with Clutch Plate
<b>Pad drive diameter</b>	16" (410 mm) Rigid	19" (480 mm)	19" (480 mm)
<b>Optional brushes</b>	Nylon, Polypropylene, mild or aggressive grit	Nylon, Polypropylene, mild or aggressive grit	Nylon, Polypropylene, mild or aggressive grit
<b>Motor</b>	1.5 hp single speed, 175 rpm	1.5 hp single speed, 175 rpm	1.75 hp (1305 watt), dual speed, 300 rpm, DC
<b>Construction</b>	Die cast aluminum motor base and handle housing	Die cast aluminum motor base and handle housing	Die cast aluminum motor base and handle housing
<b>Hand tube</b>	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
<b>Wheels</b>	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
<b>Electric rating</b>	115 V, 60 Hz	115 V, 60 Hz	115 V, 60 Hz
<b>Weight</b>	112 lbs (51 kg)	112 lbs (51 kg)	112 lbs (51 kg)
<b>Dimensions (L x W x H)</b>	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

Product	Order No.	Description
BDS 43/175 C	9.840-469.0	17" burnisher
BDS 51/175 C	9.840-471.0	20" dual speed burnisher
BDS 51/175-300 C	9.840-472.0	20" dual speed burnisher with clutch plate

## Accessories

### BDS 43/175 C

Order No.	Description
■ 8.600-012.0	Pad driver, 17" with clutch plate, floor machine
□ 8.600-011.0	17" Polypropylene Brush
□ 8.600-014.0	17" Nylon Polishing Brush
□ 8.628-380.0	17" Nylon Scrub Brush
□ 8.600-013.0	17" Mild Grit Brush
□ 8.628-371.0	17" Aggressive Grit Brush
□ 8.600-062.0	4 Gallon Solution Tank

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

175	175-300	Order No.	Description
	■	8.628-429.0	20" High Speed Pad Holder - Premium Quality
	■	8.628-430.0	Pad Driver, 20" With Clutch Plate, Floor Machine
□		8.628-370.0	Brush, 20" Polypro with Cp U19556
□	□	8.600-062.0	4 Gallon Solution Tank
□	□	8.628-379.0	20" Nylon Polishing Brush
□	□	8.628-377.0	20" Nylon Scrub Brush
□	□	8.628-378.0	20" Mild Grit Brush
□	□	8.628-369.0	20" Aggressive Grit Brush
	□	8.628-388.0	20" Nylon Carpet Shampoo Brush

■ Included □ Optional

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