

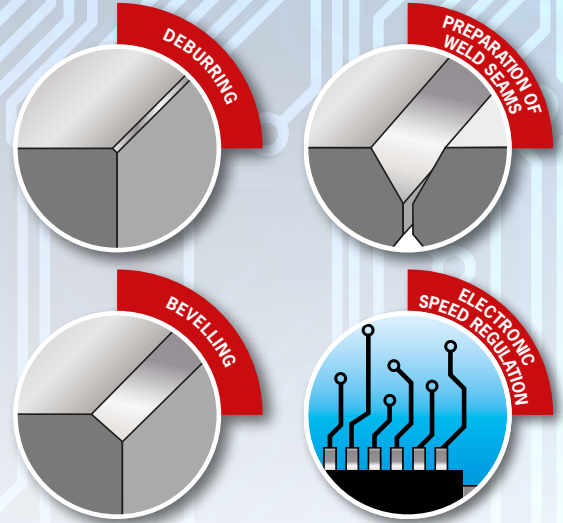
# EKF 500 & EKF 600 Series

The high end top of the line series.  
Compact series with variable speed & full wave control electronics.

## FULL POWER AHEAD

## VARIABLE SPEED CONTROL

## NEW MILLING TECHNOLOGY



The new EKF 500 & 600 series from BDS is designed for maximum performance and optimal comfort. With the new milling head technology, the EKF machines can also operate at low speeds without jerking or jumping. The result is optimally milled edges, even when rounding. The EKF machines are ideal for deburring, bevelling and weld seam preparation.

- ▶ Variable speed control
- ▶ Carbide inserts with four cutting edges
- ▶ New ergonomic design
- ▶ Revolving supporting disc

Technical data	EKF 530	EKF 545	EKF 630	EKF 645
Chamfer angle	30°	45°	30°	45°
Chamfer width	0–12 mm	0–12 mm	0–15 mm	0–15 mm
Cutter type	ZFR 530	ZFR 545	ZFR 630	ZFR 645
Milling tool	Screw-in milling cutter with six carbide inserts		Screw-in milling cutter with ten carbide inserts	
Dimensions (LxBxH)	375 × 350 × 300 mm		400 × 350 × 300 mm	
Approx. net weight	9.3 kg	9.3 kg	10.2 kg	10.2 kg
Voltage (see nameplate)	220–240 V/50–60 Hz and 110–125 V/50–60 Hz		220–240 V/50–60 Hz and 110–125 V/50–60 Hz	
Motor output	1800 W	1800 W	2300 W	2300 W
Speed	Seamless electronic speed regulation 1850–3350 rpm with full wave control electronics		Seamless electronic speed regulation 1600–3000 rpm with full wave control electronics	
Feed	Manual	Manual	Manual	Manual
Protection type	IP 20	IP 20	IP 20	IP 20

Scope of delivery	EKF 530	EKF 545	EKF 630	EKF 645
Machine	EKF 530	EKF 545	EKF 630	EKF 645
Milling cutter	ZFR 530	ZFR 545	ZFR 630	ZFR 645
Carbide inserts (Quantity)	SHM 900 (6)	SHM 900 (6)	SHM 900 (10)	SHM 900 (10)
Hook wrench (C)	45/50	52/55	52/55	58/62
Screwdriver (Torx) (B)	TX 15	TX 15	TX 15	TX 15
Spanner (A)	SW 22	SW 22	SW 22	SW 22
Carry case	✓	✓	✓	✓
Operating instructions	✓	✓	✓	✓
Warranty card	✓	✓	✓	✓

Other optional accessories are available on page 11

EKF 530  
EKF 545

EKF 630  
EKF 645

OUTPUT  
**1800  
Watt**

OUTPUT  
**2300  
Watt**



High motor output

Electronic control



45° and 30° milling angles



Milling head with ten  
carbide inserts  
(EKF 600 series)