

PREMIUM
QUALITY
BEVELLING MACHINES

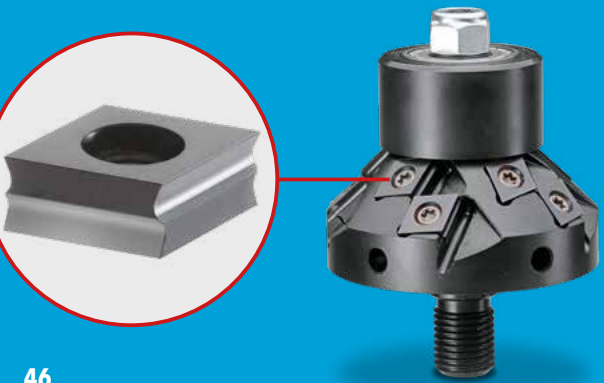
The BDS EKF series is a comprehensive, well-coordinated line of milling machines designed to meet the diverse needs of users across various industries. With the latest innovations and a carefully structured program, every user will find the right machine for their specific application.

The EKF range is available in two performance classes, each engineered to deliver precise and efficient results in minimal time. Whether you're machining steel, stainless steel, non-ferrous metals, brass, or plastic, EKF machines offer reliable performance and exceptional versatility.

All EKF machines are suitable for internal and external contour machining as well as drilling operations. The latest milling cutter technology from BDS ensures not only top-tier results but also user-friendly operation.

A new tangential plate arrangement on the milling heads minimizes impact and vibration, even at lower speeds. Combined with electronic speed control and full-shaft control electronics, the powerful motor allows for smooth processing of a wide range of materials.

Additionally, the new four-edge indexable inserts enhance cutting efficiency and durability—further improving performance and tool life.



EKF 452.3 Single speed	
Chamfer width up to	Radis 2.5 mm (0.098")
Chamfer angle	-
Insert (quantity)	SHM 202 (3x)
Milling head	ZFR 452.3
Motor output	1500 W (13. 6 A)
Voltage VAC	230; 110/125 V AC
Speed	6000/min ⁻¹
Variable speed control	
Full wave control electronics	
Weight, approx.	4.6 Kg. (10 lbs.)

Accessories EKF 452	
Carbide insert (quantity)	SHM 202 (3x)
Milling head	ZFR 452.3
Hook wrench DIN 1810B (34/36)	ZAC 001
Torx screwdriver	0.00002 (T09)
Spanner DIN 894 (22mm)	ZAC 002
Carry case	ZPK 001
Operating instructions	



COMPACT, UNIVERSAL, HANDY.

Designed for professional use, delivering consistent, high-quality results across industrial, workshop, and on-site assembly applications. Engineered for ease of guidance and simple, intuitive handling, they ensure efficient and reliable performance—even in demanding environments.



EKF 300.3 Single speed		EKF 450.3 Single speed		EKF 630 With electronic speed control		EKF 645 With electronic speed control	
1.5 - 5 mm (1/4")	30°	1.5 - 6 mm (1/4")	45°	15 mm (9/16")	30°	15 mm (9/16")	45°
SHM 200 (3x)	ZFR 300.3	SHM 200 (3x)	ZFR 450.3	SHM 900 (10x)	ZFR 630	SHM 900 (10x)	ZFR 645
1500 W (13. 6 A)	230; 110/125 V AC	1500 W (13. 6 A)	230; 110/125 V AC	2300 W (20 A)	230; 110/125 V AC	2300 W (20 A)	230; 110/125 V AC
6000/min ⁻¹		6000/min ⁻¹		1600-3000/min ⁻¹		1600-3000/min ⁻¹	
					electronic, stepless		electronic, stepless
4.6 Kg. (10 lbs.)		4.6 Kg. (10 lbs.)		10.2 Kg. (22.5 lbs.)		10.2 Kg. (22.5 lbs.)	

Accessories EKF 300		Accessories EKF 450		Accessories EKF 630		Accessories EKF 645	
SHM 200	SHM 200-E	SHM 200	SHM 200-E	SHM 900	SHM 900-E	SHM 900	SHM 900-E
ZFR 300.3	ZFR 300.3	ZFR 450.3	ZFR 450.3	ZFR 630	ZFR 630	ZFR 645	ZFR 645
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