

RAIL DRILLING:
FLEXIBLE WITH PETROL OR ELECTRIC MOTOR.



	eRailMAB 450	RailMAB 915	RailMAB 965
	Battery-Powered Rail core drilling machine	Rail core drilling machine with electric motor	Rail core drilling machine with petrol motor
Core drill max. Ø HSS/TCT	36 mm (2-1/16")	36 mm (2-1/16")	36 mm (2-1/16")
Core drill cutting depth max.	55 mm (2-3/8")	55 mm (2-3/8")	55 mm (2-3/8")
Thread cutting Ø max.	M16 (5/8")		
Twist drill Ø max.	18 mm (7/8")	20 mm (1")	20 mm (1")
Motor output	1100 Watts	1600 Watts (14.50 Amp)	1500 Watts (2 HP)
Voltage, VAC	18 Volt / 10.4 Ah	230; 110/125 V AC	3.04 Nm torque. 49.4 ccm displacement.
Stroke	135 mm (5 5/16")	160 mm (6-1/4")	40 mm (1 9/16")
Weight	13 Kg. (25.4 lbs.) without battery	16 Kg. (35 lbs.)	21.5 Kg. (47 lbs.)
Spindle taper	Direct arbor	MT 3	Direct arbor 19mm Weldon 3/4"
Speed gears	1	2	1
Speed range (min ⁻¹)	134, 189, 246, 298, 355	70 – 580	min. 110 – max. 280
Quick clamping device	✓	✓	✓
Oil-bath gearbox		✓	
Safety clutch		✓	
Torque control		✓	
Rotational speed control	✓	✓	
Overheat protection		✓	
Carbon brush wear indicator		✓	
	Scope of delivery eRailMAB 450	Scope of delivery RailMAB 915	Scope of delivery RailMAB 965
Carry case	ZHK 825	ZHK 825	Metal case
Ejector pin	ZAK 075	ZAK 075, 100	ZAK 075
Arbor		ZIA 319-KN	
Ejector drift	AKKU-18V10.4	ZAS 003	
Allen key		8010251 (4 mm), 8010311 (5 mm), 911058 (6 mm)	8010251 (4 mm), 8010311 (5 mm), 911058 (6 mm)
Rail adapter	1 included, depending on your choice	1 included, depending on your choice	1 included, depending on your choice
High-pressure coolant tank	✓	✓	✓
Operating instructions	✓	✓	✓



Suitable adapters
for every rail profile

Order no.	RailMAB 915 eRailMAB 450	Order no.	RailMAB 965
ZAS 049S	Rail adapter S 49	ZAS 250U	Rail adapter UIC 50
ZAS 054S	Rail adapter S 54	ZAS 254U	Rail adapter UIC 54
ZAS 050U	Rail adapter UIC 50	ZAS 260U	Rail adapter UIC 60
ZAS 054U	Rail adapter UIC 54	ZAS 249S	Rail adapter S 49
		ZAS 254S	Rail adapter S54

ProfisPEZIAL

CORDLESS,
BRUSHLESS,
LIMITLESS.

THE NEW eMAB 450
CORDLESS MAGNETIC DRILLING MACHINE.
HEAVY-DUTY PERFORMANCE MEETS
CORDLESS FREEDOM - ENGINEERED FOR
TRUE PROFESSIONALS.



- ▶ Cordless and Mobile – No power supply needed, versatile in use
- ▶ Durable Motor – Brushless motor reduces wear
- ▶ High Magnetic Force – Permanent magnet ensure secure hold
- ▶ Low Maintenance – Fewer wear parts, reduced service effort
- ▶ Reversible – Motor with clockwise and counterclockwise rotation

The new cordless magnetic core drilling machine with a 18 V / 10.4 Ah battery offers precise, cordless drilling for professional use. A brushless motor ensures high efficiency and low maintenance. The integrated permanent magnet provides strong adhesion and reliable performance – ideal for demanding applications on construction sites or in assembly work. It also features a reversible motor with clockwise and counterclockwise rotation for added versatility.



Core drill max. Ø HSS/TCT	36/40 mm (2-1/16")
Core drill cutting depth max.	55 mm (2-3/8")
Thread cutting Ø max.	M16 (5/8")
Twist drill Ø max.	18 mm (7/8")
Battery	Li-Ion 18 V / 10.4 Ah / 187 Wh
Motor output	1100 Watts
Voltage, VAC	18 Volt / 10.4 Ah
Stroke	135 mm (5 5/16")
Weight	13 Kg. (25.4 lbs.) without battery
Spindle taper	Direct arbor
Speed gears	1
Speed range (min ⁻¹)	134, 189, 246, 298, 355
Brushless motor	✓
Permanent magnet	✓
Variable speed control	✓
Magnet indicator	✓
	Scope of delivery eMAB 450
Carry case	ZHK 400
Battery (20V Li-Ion)	AKKU-18V10.4
Battery charger	DOCK-18
Ejector pin	ZAK 075, ZAK 090
Safety lashing strap	4000161
Operating instructions	✓

HIGH-PERFORMANCE BRUSHLESS FULL-COPPER MOTOR

Efficient, long-lasting brushless motor designed for minimal wear. Full copper windings ensure optimal conductivity and heat dissipation. Delivers powerful torque, quiet operation, and high reliability with low energy consumption.

