



Rotabest RB 80 X



Oil Bath



Advantageous

- Smooth start, minimize wear of motor, gearbox and electronics
- Hybrid relays, drastically reduces contact burning on the relays, the life of the switching elements is significantly increased, voltage fluctuations are reduced by approx. 10%
- Oil bath gearbox, reduces wear on the gearbox significantly, even under extreme conditions
- Mechanical slipping clutch, Protects the gearbox from overload and comes into action automatically
- Stepless adjustment, the stroke can be increased continuously
- Self adjusting guides, self locking comes into action automatically for perfect guiding
- Membrane keyboard, perfect ergonomics with large keys, the entire keyboard is located in a protected area (even if the machine drops)
- Soft touch grips, perfect "grip" on the handles, even with oily gloves
- Holder for allen key, integrated allen key holder, no searching for the key
- Cord length 5 m, extension cord and cable drums is not required
- LED Sensor, various LED displays on states of switching protect you and your machine
- Metal rings, perfect protection for the magnets against penetration by metallic objects (chips, milling dust, etc)
- Performance and weight optimization, weight, dimensioning and coil sizing are ideally matched, this maximize the Tool Force (TM)

Capacity

Core drill Ø	- Ø 12 - 80 mm - Ø 20 - 50 mm (extra long 110 mm)
Core drill cutting depth	- 50 mm - 110 mm with tool holder MT-3
Twist drill Ø max.	- Ø 1 - 16 mm with drill chuck - To Ø 32 mm with MT-3 DIN 345
Tap	M 30

Suitable Cutters

Suitable Cutters	Depth	Diameter
TCT - Alfra & Kobecut	35 mm	14 - 35 mm
TCT - Alfra & Kobecut	50 mm	14 - 50 mm
HSS Cobalt - Alfra & Kobecut	30 mm	12 - 40 mm
HSS Cobalt - Alfra & Kobecut	50 mm	12 - 60 mm

Specifications

Input power	1.800 Watt	
Speed (RPM)	Under load	No load
Gear 1	110	215
Gear 2	175	330
Gear 3	245	460
Gear 4	385	680
Stroke	190 mm	
Adjustable motor in height	100 mm	
Tool adaptor	MT-3 or AL-3	
Cooling	Internal	
Voltage	230 V - 50/60 Hz	
Tool force (10 mm)	4.000 N out of 13.000 N	
Magnet adhesion	13.000 N	
Min. material thickness	10 mm	
Magnet foot size	92 x 220 mm	
Magnet foot type	Rigid	
Dimension (L x W x H)	408 x 205 x 630 mm	
Weight	19.5 Kg	



Item Code	Item Name	MoQ
109.01.010	Rotabest RB 80 X • Transport case, Coolant unit, Tool holder AMT 3, HSS Co-Eco depth 30 mm - Ø 18 mm, Allen key, Drill drifter, Safety belt, Bio 4000	1 Set

Optional Accessories

209.12.003	Quick Drill Chuck + Weldon Shank for twist drills Ø 1 - 13 mm	1 Pc
225.06.011.1	Quick Chuck - Universal Shank - Ø 1 - 13 mm - 1 Pc	1 Pack
209.12.027	Drill Chuck + Weldon Shank for Twist Drills Ø 1 - 13 mm	1 Pc
209.12.001	HSS Countersink and Deburrer with Weldon Shank Ø 25 mm	1 Pc
209.12.002	HSS Countersink and Deburrer with Weldon Shank Ø 40 mm	1 Pc
209.12.004	Reducing Sleeve MT3 to MT2	1 Pc
209.12.005	Tool Holder AMT2 with Internal Cooling	1 Pc
225.06.001	Tool Holder - MT2 - 19.05 x 50, with Internal Cooling	1 Pc
209.12.006	Tool Holder AMT3 with Internal Cooling	1 Pc
225.06.002	Tool Holder - MT3 - 19.05 x 50, with Internal Cooling	1 Pc
209.12.020	Tool Holde AMT3 depth 110 mm with Internal Cooling	1 Pc
209.12.007	Tool Holder AL-3	
209.12.012	Quick Drill Chuck + Morse Taper No.3 Shank for Twist Drill Ø 1 - 16 mm	1 Pc
209.12.028	Drill Chuck + Morse Taper No. 3 Shank for Twist Drill Ø 1 - 16 mm	1 Pc
209.12.023	Drill Chuck + Morse Taper No. 2 Shank for Twist Drill Ø 1 - 16 mm	1 Pc
209.14.001	Tapping Attachment M3 - M12	1 Pc
209.14.002	Tapping Attacgment M10 - M20	1 Pc
209.12.010	Bio 2000	1 Pc
308.02.001	Coolant 2000 at 1 Liter	1 Pc
308.02.002	Coolant 2000 at 5 Liter	1 Pc

