

ALERA ROMASE Metal Core Drilling Machines











• 100% SAFE AND ENERGY-SAVING

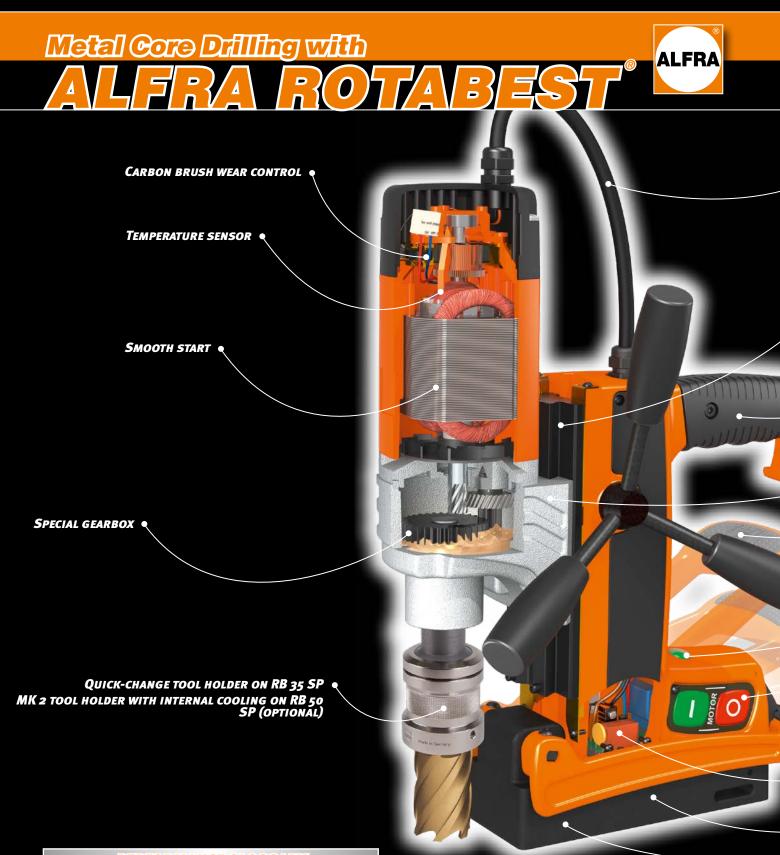
• Already usable up from 3 mm - this leads to infinite capabilities

• COMPLETELY NEW, ERGONOMIC OPERATING CONCEPT • ...HOLDS, HOLDS, HOLDS!

Redefining Metal Core Drilling!

03/2015

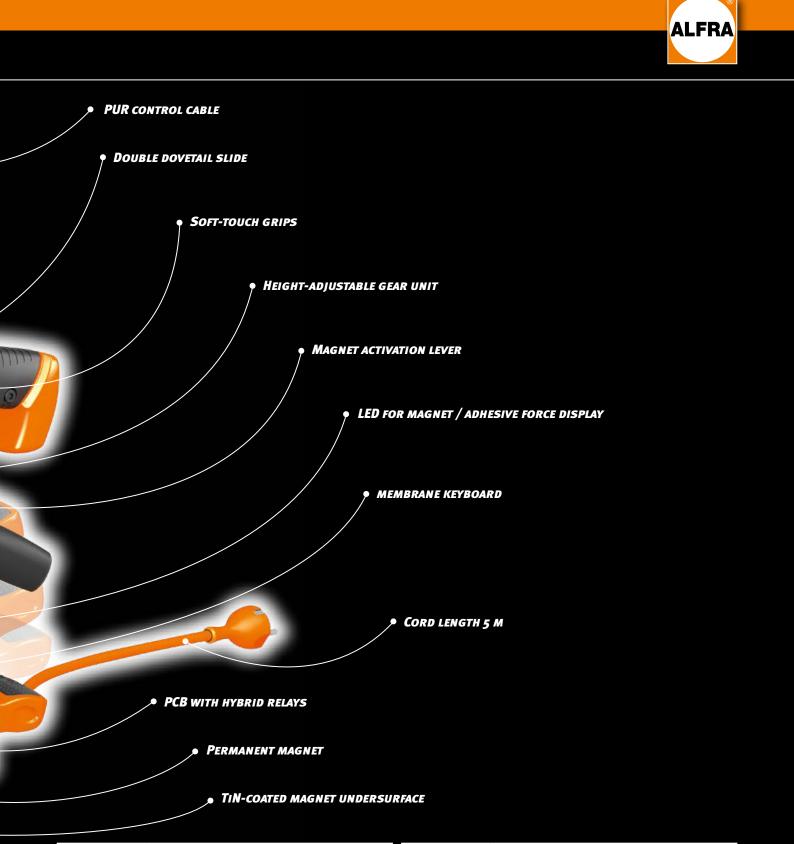




PERFORMANCE GLOSSARY				
Motor				
Temperature sensor	Overheating is indicated by an LED-signal (double flashing) and the motor shuts down. Reactivation possible after cool-down.			
Carbon brush wear control	If the level of wear is reached, this is indicated by a single flash. The engine continues to run.			
Gear unit	Height-adjustable, offers a larger, more variable stroke range			
Smooth start	limits wear and tear, prolongs the motor's service life			

Gears				
Special gearbox	The gear wear (cog wheels) is markedly reduced even under extreme conditions.			
Operation				
Soft-touch grips	With integrated Allen key holder - abrasion-resistant, for the perfect grip			
Double dovetail slide	Self-adjusting thanks to innovative clamping system			





Operation		Permanent magnet	
Magnet activation lever	Ideally positioned in terms of ergonomics, with perforated grip zone, comfortable and easy to use	Permanent magnet	100% safety (during power cuts) - can be used from material thick- nesses of just approx. 3 mm (unrivalled!)
Cord length 5 m	Even at low temperatures, remains flexible, sturdy and is perfectly protected against external influences	LED for magnet / adhe- sive force display	This indicates various functional states - "green solid light" for OK - "red flashing light" when the adhesive force is still adequate - "red solid light" if the adhesive force is too low (motor switches off automatically)
Membrane keyboard	Completely new, ergonomic design, unaffected by moisture, offset	TiN sectod meanut	automatically)
	towards the inside, protecting it against mechanical influences	TiN-coated magnet undersurface	Scratch-resistant and maximum sturdiness
PCB with hybrid relays	For an extra-long service life (voltage surges are intercepted)	ANDE IN	
Quick-change arbor	Weight-optimised for the lowest possible imbalance and drive load, compatible with all core drills with standard Weldon arbor	GERMANY	



ALFRA ROTABEST

DRILLING CORE Mad

Arrow State				
Citter diseasion Ø 12.0 - 35.0 mm Ø 12.0 - 35.0 mm Ø 12.0 - 0.0 mm Cutting depth S.0.0 mm Gutting depth Ø 10.0 - 30.0 mm Kaber Ø 10.0 - 30.0 mm Ø 10.0 - 30.0 mm Ø 10.0 - 30.0 mm Stroke 100 mm Ø 10.0 - 30.0 mm Ø 10.0 - 30.0 mm Stroke 100 mm Ø 10.0 - 40.0 mm Ø 10.0 - 40.0 mm Stroke 100 mm Ø 10.0 - 40.0 mm Ø 10.0 - 40.0 mm Stroke 100 mm Ø 10.0 - 40.0 mm Ø 10.0 - 40.0 mm Stroke 100 mm Ø 10.0 - 40.0 mm Ø 10.0 mm Stroke 100 mm Ø 10.0 mm Ø 10.0 mm Power consumption 1,00 W Papeed garahox - On-load speed 13.00 W Voltage 11.00 W Papeed garahox - On-load speed 13.00 W Voltage 100 force (0 mm 5233) Drill Point Load 2,300 N Tool force (0 mm 5233) Drill Point Load 2,300 N Tool force (0 mm 5233) Drill Point Load 2,300 N Nagnet foot 72 × 130 mm Waight So - 50 kg Weight 13.5 kg Notor Sitele Voltage 10.0 force (0 mm 523) Drill Point Load 2,300 N Stroke for jis V Somoth Start Voltage Voltage Stroke frijs V	HOLDS PERMANENTLY!			
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Twist drill Ø 1.0 - 33.0 mm DiN 189y short Ø 1.0 - 20.0 mm DiN 189y short Counterbore Ø 1.0 - 0.0 mm DiN 189y short Ø 1.0 - 20.0 mm DiN 189y short Aber Quick-change mount Ø 1.0 - 20.0 mm DiN 189y short Stroke 105 mm Bitolo - 40.0 mm Height adjustment 80 mm Bitolo - 40.0 mm Gearbox - On-load speed 450 rpm. 2-300 km Gearbox - On-load speed 450 rpm. 2-300 km Conter Consumption 1.100 W 2-300 km Tool Force (or ms 523) Drill Point Load 2.300 N 2-300 N Tool Force (or ms 523) Drill Point Load 2.300 N Tool Force (or ms 523) Drill Point Load 2.300 N Magnet foot 9-30 kg 100 Spic/60 Hz 2.300 N Magnet foot 2.300 N Tool Force (or ms 523) Drill Point Load 2.300 N Stoce emergency stop - Tool Force (or ms 523) Drill Point Load 2.300 N Stoce emergency stop - Motor - - Stock emergency stop - Motor - - Stock emergency stop - - - - Operation - - - - Stock emergency stop - - - - Stock	Cutter dimension	Ø 12.0 - 35.0 mm	Cutter dimension	Ø 12.0 - 50.0 mm
Counterbore I to. 0 - 40.0 mm Arbor Quick-change mount Stoke 10 5 - 40.0 mm Height adjustment 80 mm Geartox - On-load speed 450 rpm. Height adjustment 80 mm Geartox - On-load speed 450 rpm. Power consumption 1:00 W Yottage 130 V 50/60 Hz 100 V 50/60 Hz 230 V 50/60 Hz 100 Force (0 mm 523) Drill Point Load 2,300 N Magnet foot 72 X 190 mm Weight 11:5 kg Motor Motor Stoke adjusting guides / Overload protection / Motor emergency stop / Stide / Stidade / Stidade / Stidade sting guides / Operation / Magnet tot / Stidade sting guides /	Cutting depth	50.0 mm	Cutting depth	50.0 mm
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Stroke 105 mm 105 mm 106 mm Height adjustment 60 mm 47 mm Gentor - 0n-load speed 230 Vg 5/60 Hz 230 Vg 5/60 Hz 100 Force (10 mm 5232) Dill Point Load 2,800 N 2,300 N Tool Force (10 mm 5323) Dill Point Load 2,300 N 72 x 190 mm Weight 9.9 kg 10.5 force (10 mm 5323) Dill Point Load 2,300 N Motor 72 x 190 mm Weight 1.5 kg Motor 5mooth start 72 x 190 mm Overlaad protection 72 x 190 mm Motor ensrgency stop 2 Sticka guides 2 Operation 2 Sticka guides 2 Operation 2 Magnet 2 Magnet 2 Made in Germany 2 Made in Germany 2	Counterbore	Ø 10.0 - 40.0 mm	Counterbore	Ø 10.0 - 40.0 mm
Height adjustment 80 mm 47 mm Gearbox - On-load speed 450 rpn. 230 V 50/60 Hz Voltage 230 V 50/60 Hz 230 V 50/60 Hz Tool Force (a mm S233) Drill Point Load 2,300 N 700 Voltage Tool Force (a mm S233) Drill Point Load 2,300 N 700 Voltage Magnet foot 72 X 190 mm 72 X 190 mm Weight 9,9 kg 700 Voltage 72 X 190 mm Motor 72 X 190 mm 72 X 190 mm 72 X 190 mm Snooth start / 72 X 190 mm 72 X 190 mm Motor / Motor 72 X 190 mm Start / / Motor Start / / / Start / / / Operation / / / Start sephsard / / / Magnet for Allen key / / / Cord length 5 m / / / Magnet 1 sephsard / /	Arbor	Quick-change mount	Arbor	MK2
Gearbox - On-load speed 450 rpm. Power consumption 1,100 W Vottage 230 V5/60 Hz Tool Force (com S233) Drill Point Load 2,300 N Tool Force (com S233) Drill Point Load 2,300 N Tool Force (com S233) Drill Point Load 2,300 N Magnet foot 72 x 190 mm Weight 9,9 kg Motor 700 Force (com S233) Drill Point Load 2,000 N Smooth start 72 x 190 mm Weight 9,9 kg 72 x 190 mm Motor 500 Force (com S233) Drill Point Load 2,000 N Smooth start 72 x 190 mm 72 x 190 mm Weight 10 Force (com S233) Drill Point Load 2,000 N Motor 500 Force (com S233) Drill Point Load 2,000 N Smooth start 700 Force (com S233) Drill Point Load 2,000 N Motor 500 Force (com S233) Drill Point Load 2,000 N Smooth start 700 Force (com S230 Drill Point Load 2,000 N Stepless adjusting guides 700 Force (com S230 Drill Point Load 2,000 N Gearbox 700 Force (com S230 Drill Point Load 700 Force (com S200 Drill Point Load 700 Force (c	Stroke	105 mm	Stroke	100 mm
Pewer consumption 1.100 W Voltage 230 V \$0/60 H2 110 V \$0/60 H2 1.200 W 120 Force (to mm 5235) Drill Point Load 2.300 N Tool Force (to mm 5235) Drill Point Load 2.300 N Magnet fot 72 x 1300 R Weight 9.9 kg Motor 11.5 kg Smooth start 100 Vorload prediction Overload protection 11.5 kg Motor emergency stop 11.5 kg Stiele sadjusting guides 1 Operation 1 Stiele sadjusting guides 1 Operation 1 Magnet 1 Magnet 1 Magnet 1 Weight 1 Stiele sadjusting guides 1 Operation 1 Stiele sadjusting guides 1 Operation 1 Magnet 1 Magnet 1 Magnet 1 Magnet 1 Magnet 1 Magnet 1 Stiele sadjusting guides 1 Stiele sadjusting guides 1 Stepless adjustale 1 Stepless adjustale 1 Sensor/LED <	Height adjustment	80 mm	Height adjustment	47 mm
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Voltage 110 V 50/60 Hz 110 V 50/60 Hz Tool Force (a om 5235) Drill Point Load 2,800 N Tool Force (a om 5235) Drill Point Load 2,300 N Magnet foot 72 x190 mm Weight 9,9 kg Motor Motor Smoth start 0 Overload protection 0 Motor emergency stop 0 Steles adjusting guides 0 Operation 0 Soft-tock grips 0 Magnet foot 0 Operation 0 Soft-tock grips 0 Magnet foot 0 Magnet foot 0 Magnet foot 0 Soft-tock grips 0 Magnet foot 0 Soft-tock grips 0 Magnet foot 0 Magnet foot 0 Magnet foot 0 Magnet foot 0 Made in Germany 0 Made in Germany 0 Made in Germany 0	Power consumption	1,100 W	· · · · · · · · · · · · · · · · · · ·	
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Tool Force (6 nm S235) Drill Point Load 2,300 N Magnet foot 72 x 190 nm Weight 9.9 kg Motor 9.9 kg Motor 100 Force (6 nm S235) Drill Point Load 2,300 N Motor 9.9 kg 100 Force (6 nm S235) Drill Point Load 2,300 N Motor 9.9 kg 11.5 kg Overload protection 0 0 Overload protection 0 0 Stiele 0 0 Steless adjustment 0 0 Self-adjusting guides 0 0 Operation 0 0 Soft-touch grips 0 0 Magnet 0 0 Belf-adjusting guides 0 0 Soft-touch grips 0 0 Magnet 0 0 Soft-touch grips 0 0 Magnet 0 0 Soft-touch grips 0 0 Magnet 0 0 0 Soft-touch grips 0 0 0 Magnet 0 0 0 Soft-touch grips 0 0 0 Magnet 0 0 0 Magnet </th <th>Tool Force (10 mm \$235) Drill Point Load</th> <th></th> <th>Voltage</th> <th></th>	Tool Force (10 mm \$235) Drill Point Load		Voltage	
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Smooth start / Overload protection / Motor emergency stop / Slide / Stepless adjustment / Self-adjusting guides / Operation / Soft-touch grips / Membrane keyboard / Holder for Allen key / Cord length 5 m / Magnet / Sensor/LED / Made in Germany / Made in Germany / Sope of supply: / By 35 Pmetal core drilling machine with quick-change arbor, carrying case, safety belt, solant equipment, operating instructions		7.7 "0	Weight	11.5 kg
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Soft-touch grips ✓ Membrane keyboard ✓ Holder for Allen key ✓ Cord length 5 m ✓ Magnet ✓ Sensor/LED ✓ Metal rings ✓ Performance and weight optimisation ✓ Made in Germany ✓ Scope of Supply: Made in Germany Scope of supply: Made in Germany	Self-adjusting guides	V		V
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Magnet Membrane keyboard ✓ Sensor/LED Membrane keyboard ✓ Metal rings ✓ Holder for Allen key ✓ Performance and weight optimisation ✓ Magnet ✓ Made in Germany ✓ ✓ ✓ Scope of supply: RB 35 SP metal core drilling machine with quick-change arbor, carrying case, safety belt, coolant equipment, operating instructions Made in Germany ✓	Holder for Allen key		Operation	
Sensor/LED Holder for Allen key ✓ Metal rings ✓ Cord length 5 m Performance and weight optimisation ✓ Magnet Sensor/LED ✓ ✓ Made in Germany ✓ Sensor/LED Scope of supply: ✓ ✓ RB 35 SP metal core drilling machine with quick-change arbor, carrying case, safety belt, coolant equipment, operating instructions Made in Germany	Cord length 5 m		Soft-touch grips	
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Magnet Performance and weight optimisation Magnet Sensor/LED TiN coated Performance and weight optimisation Scope of supply: RB 35 SP metal core drilling machine with quick-change arbor, carrying case, safety belt, coolant equipment, operating instructions	Sensor/LED	V		
Made in Germany	Metal rings	V	Cord length 5 m	
Made in Germany TiN coated Performance and weight optimisation Scope of supply: RB 35 SP metal core drilling machine with quick-change arbor, carrying case, safety belt, coolant equipment, operating instructions Made in Germany	Performance and weight optimisation		Magnet	
Performance and weight optimisation Scope of supply: R8 35 SP metal core drilling machine with quick-change arbor, carrying case, safety belt, coolant equipment, operating instructions			Sensor/LED	
Scope of supply: Stars SP metal core drilling machine with quick-change arbor, carrying case, safety belt, coolant equipment, operating instructions	Made in Germany		TiN coated	V
RB 35 SP metal core drilling machine with quick-change arbor, carrying case, safety belt, coolant equipment, operating instructions			Performance and weight optimisation	V
		nange arbor, carrying case, safety belt,	Made in Germany	v
	coolant equipment, operating instructions	Prod No.		

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18801.110

Scope of supply: RB 50 SP metal core drilling machine, tool holder MT-2 with internal cooling, carrying case, safety belt, coolant equipment, operating instructions

		FIGU. NO.
ALFRA Rotabest® RB 50 SP	230 Volt	18851
ALFRA Rotabest [®] RB 50 SP	110 Volt	18851.110

HIGHLIGHTS

ALFRA Rotabest® RB 35 SP ALFRA Rotabest® RB 35 SP

• COMPLETELY NEW, ERGONOMIC OPERATING CONCEPT

230 Volt

110 Volt

- Ultra-powerful permanent magnet with pre-TENSION
- CAN BE USED FROM JUST 3 MM
- 100% SAFE AND ENERGY-SAVING

...HOLDS AND HOLDS AND HOLDS!

Subject to our general sales conditions.

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