

CUB® XL

drillmagic series



INPUT POWER
1100 W, 230V,
50Hz, 1Ph.



SPINDLE
Direct Spindle
19.05mm



NO LOAD SPEED
600 rpm



ANNULAR CUTTERS
Max. Ø 36mm



TWIST DRILL
Max. Ø 10mm



COUNTERSINKING
Max. Ø 40mm



DEPTH OF CUT
Max. 50mm



STROKE
126mm



WEIGHT
12.5 kg



MAGNETIC CLAMPING
10,300N (25mm, Ra=1,25)

FEATURES

HIGH POWER MOTOR
For improved performance

INTERNAL WIRING
No hanging wires

LONG STROKE
For stack plate drilling

STEEL RODS SLIDE
For Maintenance-Free Operation

ERGONOMIC HANDLE
Scientifically Designed

LARGE COOLANT BOTTLE
More holes drilled per fill

OVERLOAD PROTECTION
To ensure safety of the machine

POWERFUL MAGNET
For safety working



SUPER XL

drillmagic series



INPUT POWER
1500 W, 230V,
50Hz, 1Ph.



SPINDLE
Direct Spindle
19.05mm



NO LOAD SPEED
270 RPM,
540 RPM



ANNULAR CUTTERS
Max. Ø 50 mm



TWIST DRILL
Max. Ø 12mm



COUNTERSINKING
Max. Ø 50 mm



DEPTH OF CUT
Max. 50mm



STROKE
132mm



WEIGHT
19 kg



MAGNETIC CLAMPING
11,770N (25mm, Ra=1,25)

FEATURES

HIGH POWER MOTOR
For improved performance

INTERNAL WIRING
No hanging wires

STEEL RODS SLIDE
For Maintenance-Free Operation

ERGONOMIC HANDLE
Scientifically Designed

LARGE COOLANT BOTTLE
More holes drilled per fill

OVERLOAD PROTECTION
To ensure safety of the machine

POWERFUL MAGNET
For safety working



TRIDENT XL

drillmagic series



INPUT POWER
1800 W, 230V,
50Hz, 1Ph.



SPINDLE
MT3



NO LOAD SPEED
180 RPM,
460 RPM



ANNULAR CUTTERS
Max. Ø 76 mm



TWIST DRILL
Max. Ø 32 mm



COUNTERSINKING
Max. Ø 63 mm



DEPTH OF CUT
Max. 76mm



STROKE
175mm



WEIGHT
30 kg



MAGNETIC CLAMPING
19,620N (25mm, Ra=1,25)

FEATURES

HIGH POWER MOTOR
For improved performance

EFFORTLESS DRILLING
Make large cuts with a single hand

LONG STROKE
For stack plate drilling

STEEL RODS SLIDE
For Maintenance-Free Operation

ERGONOMIC HANDLE
Scientifically Designed

LARGE COOLANT BOTTLE
More holes drilled per fill

OVERLOAD PROTECTION
To ensure safety of the machine

POWERFUL MAGNET
For safety working



TITAN XL

drillmagic series



INPUT POWER
1800 W, 230V,
50Hz, 1Ph.



SPINDLE
MT4



NO LOAD SPEED
135/235/280/
480 RPM



ANNULAR CUTTERS
Max. Ø 110mm



TWIST DRILL
Max. Ø 47mm



COUNTERSINKING
Max. Ø 63mm



DEPTH OF CUT
Max. 100mm



STROKE
175mm



WEIGHT
36 kg



MAGNETIC CLAMPING
23,500N (25mm, Ra=1,25)



TRIDENT XL reverse

tapmagic series



INPUT POWER
1800 W, 230V,
50Hz, 1Ph.



SPINDLE
MT3



NO LOAD SPEED
90 - 180 RPM,
230 - 460 RPM



ANNULAR CUTTERS
Max. Ø 76 mm



TWIST DRILL
Max. Ø 32mm



COUNTERSINKING
Max. Ø 63 mm



DEPTH OF CUT
Max. 76mm



TAPPING
Max M6 - M24



STROKE
175mm



WEIGHT
30 kg



MAGNETIC CLAMPING
19,620N (25mm, Ra=1,25)

FEATURES

HIGH POWER MOTOR
For improved performance

EFFORTLESS DRILLING
Make large cuts with a single hand

LONG STROKE
For stack plate drilling

STEEL RODS SLIDE
For Maintenance-Free Operation

ERGONOMIC HANDLE
Scientifically Designed

LARGE COOLANT BOTTLE
More holes drilled per fill

OVERLOAD PROTECTION
To ensure safety of the machine

POWERFUL MAGNET
For safety working



TITAN XL reverse

tapmagic series



INPUT POWER
1800 W, 230V,
50Hz, 1Ph.



SPINDLE
MT4



NO LOAD SPEED
70-135/120-235
140-280/235-480
RPM



ANNULAR CUTTERS
Max. Ø 110 mm



TWIST DRILL
Max. Ø 47mm



COUNTERSINKING
Max. Ø 63 mm



DEPTH OF CUT
Max. 100mm



TAPPING
Max M6 - M30



STROKE
175mm



WEIGHT
36 kg



MAGNETIC CLAMPING
23,500N (25mm, Ra=1,25)



Light Weight Rail Drilling Machines



SPECIFICATIONS

		RATTLER® Petrol	RATTLER® Electric
Capacity	Annular Cutters	12-36mm	12-36mm
	Twist Drill	7 to 11mm diameter with 19.05 Weldon Shank Solid Drill	7 to 11mm diameter with 19.05 Weldon Shank Solid Drill
	Counter Sinking	Max. Diameter 40mm	Max. Diameter 40mm
Arbor		Direct Spindle, Weldon, 19.05mm	Direct Spindle, Weldon, 19.05mm
No load Spindle Speed		Max. 420 RPM/Min. 280 RPM	600 RPM
Machine Weight without Petrol & Engine Oil		17 kgs	17.250 kgs
Drive		4 Stroke, Petrol Driven, Air cooled	Electric
Engine Power		1.5 kw	920 W
Input Supply		N/A	1100 W, 230V, 50Hz, 1Ph
Drilling Time 30 to 40 seconds		Clamping Time 10 to 15 seconds	DeClamping Time 5 to 10 seconds

ANNULAR CUTTERS



SIZE OPTIONS

The cutter standard sizes are available up to 150mm diameter & 150mm depth of cut.
Customised cutters can be provided up to 200mm diameter & depth of cut.

SHANK TYPES

BROACHCUTTER® Annular Cutters Can be made available in all different shank types like WELDON Shank, Universal Shank, Quick Change Shank, etc.

ACCESSORIES

Use Broachcutter ® make Tapping Kits, Pilot Pins, Extension Rods & Adapters with all models and makes of Magnetic Drilling Machines.

Carbide Tipped

The Carbide tipped Annular Cutters use high-performance carbide inserts, ultra-fine particles, ultra-high hardness ensuring long life.

Spiral Groove Structure

The design of the involute spiral groove structure is adopted as per the different drilling depths enabling smooth chip removal and stable drilling.

Reduced Power Consumption

The cutters feature three different cutting edges - Inner , Middle & Outer cutting edges; due to this design high efficiency is achieved with reduced power consumption.

Long life Cutters

Our HSS Annular Cutters are made of Super Hard high speed steel, with excellent performance of high hardness, red hardness and toughness resulting in a long life.

Geometry based on Cutting Depth

The design of the cutting geometry of end edge is based on different cutting depths, giving excellent performance of good centering & chipping resistance.

Advanced Heat Treatment

Advance Heat Treatment process & stringent quality processess ensure consistently high product quality

ALL INDIA SALES & SERVICE AVAILABLE

PROUDLY MADE IN INDIA

BroachCutter® Drilling Machines Pvt. Ltd.
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