

### 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
	<b>Drilling Time</b>		<b>Clamping Time</b>	<b>DeClamping Time</b>
	<b>30 to 40 seconds</b>		<b>10 to 15 seconds</b>	<b>5 to 10 seconds</b>

### 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 processes ensure consistently high product quality

ALL INDIA SALES & SERVICE AVAILABLE

PROUDLY MADE IN INDIA

BroachCutter® Drilling Machines Pvt. Ltd.  
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