

No. 1 Indian Brand of **Magnetic Drilling Machines & Annular Cutters**

CUB®XL

drillmagic series



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



SPINDLE Direct Spindle 19.05mm



NO LOAD SPEED 600 rpm

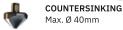


ANNULAR **CUTTERS** Max. Ø 36mm



TWIST DRILL





DEPTH OF CUT Max. 50mm



STROKE



WEIGHT 12.5 kg

126mm



MAGNETIC CLAMPING



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

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









ANNULAR



CUTTERS Max. Ø 110mm









DEPTH OF CUT



STROKE 175mm



WEIGHT 36 kg



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

HIGH POWER MOTOR For improved performa

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

POWERFUL MAGNET For safety working

SUPER XL





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

FEATURES

HIGH POWER MOTOR For improved performar

drillmagic

series

INTERNAL WIRING No hanging wires

STEEL RODS SLIDE For Maintenance-Free Operation

ERGONOMIC HANDLE Scientifically Designed

OVERLOAD PROTECTION

TRIDENT XL

drillmagic series

HIGH POWER MOTOR

For improved performand

LONG STROKE

For stack plate drilling

STEEL RODS SLIDE

ERGONOMIC HANDLE

More holes drilled per fill

POWERFUL MAGNET

For safety working

EFFORTLESS DRILLING

Make large cuts with a single hand

For Maintenance-Free Operation

LARGE COOLANT BOTTLE

OVERLOAD PROTECTION

FEATURES



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





WEIGHT 30 kg



MAGNETIC CLAMPING 19.620N (25mm.Ra=1.25)



<u>TITAN XL</u>

tapmagic

FEATURES



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



SPINDLE



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



CUTTERS Max. Ø 110 mm

ANNULAR





Make large cuts with a single hand LONG STROKE For stack plate drilling

STEEL RODS SLIDE For Maintenance-Free Operation **ERGONOMIC HANDLE**

HIGH POWER MOTOR

EFFORTLESS DRILLING

For improved performance

Scientifically Designed LARGE COOLANT BOTTLE

More holes drilled per fill

OVERLOAD PROTECTION To ensure safety of the machine

> **POWERFUL MAGNET** For safety working



Max. Ø 63 mm

COUNTERSTAKING



DEPTH OF CUT Max. 100mm TAPPING



Max M6 - M30 STROKE



WEIGHT 36 kg

175mm



MAGNETIC CLAMPING 23.500N (25mm.Ra=1.25)



FEATURES

tapmagic

HIGH POWER MOTOR

EFFORTLESS DRILLING

Make large cuts with a single hand

For Maintenance-Free Operation

LARGE COOLANT BOTTLE

OVERLOAD PROTECTION

To ensure safety of the machine

POWERFUL MAGNET

For safety working

ERGONOMIC HANDLE

For improved performance

LONG STROKE

For stack plate drilling

Scientifically Designed

More holes drilled per fill

STEEL RODS SLIDE

MAGNETIC CLAMPING 11.770N (25mm.Ra=1.25)

TRIDENT XL



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



MT3



90 - 180 RPM, 230 - 460 RPM

ANNULAR











DEPTH OF CUT Max. 76mm



Max M6 - M24 STROKE

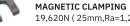
TAPPING



WEIGHT



30 kg





HIGH POWER MOTOR

EFFORTLESS DRILLING

Make large cuts with a single hand

For Maintenance-Free Operation

LARGE COOLANT BOTTLE

OVERLOAD PROTECTION

To ensure safety of the machine

POWERFUL MAGNET

For safety working

ERGONOMIC HANDLE

For improved performance

LONG STROKE

For stack plate drilling

Scientifically Designed

STEEL RODS SLIDE

FEATURES

ITAN XL







NO LOAD SPEED 135/235/280/ 480 RPM





COUNTERSINKING



Max. 100mm













POWERFUL MAGNET





Max. 50mm

COUNTERSINKING



STROKE 132mm



WEIGHT 19 kg



SPINDLE



NO LOAD SPEED



CUTTERS Max. Ø 76 mm

Max. Ø 63 mm



175mm



19,620N (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 |
| | Ü | 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 |





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 & strignent quality processess ensure consistently high product quality

ALL INDIA SALES & SERVICE AVAILABLE

PROUDLY MADE IN INDIA

BroachCutter® Drilling Machines Pvt. Ltd.

301-303, "A" Wing, Durian Estate, Goregaon-Mulund Link Road, Goregaon (East), Mumbai - 400 063. India.

E-mail: info@broachcutter.net | Website: www.broachcutter.net | Telephone: (022) 6678 7700.

AUTHORISED DEALER: