

Electro-Magnetic Hole Cutting
Machines-offering ultimate
portability and versatility



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We at Hosan introduce a new generation of electro-magnetic drilling machines and cutters.

We have been specialized in this line sine 1994 and TruMag is the result of extensive research and continuous developement. We are proud of its unique design and greatly improved performance.

With its superior magnetic drilling M/C and quality cutters, TruMag will provide you cost effective solution for better hole making. All of TruMag machines are made of the most durable components which have passed all sorts of endurance tests.

TruMag is sold exclusively through a selective industrial distributor network all over the world. TruMag's customers receive the fullest support and service from us and our honorable distributors.

We are aiming to set new standards with unprecedented performance and service.

Hosan Technologies Co., Ltd.

HS40

Trumag HS40 is very compact and lightweight machine of only 12Kg, but can cut upto Ø40mm actually.

All of Trumag machines have new sliding system exclusively designed by Hosan.

It gives you highest stability without extra support and possiblity to cut bigger holes.

* Available in 110/120V or 220/240V, AC 50-60Hz

* Supplied in steel case complete with ; Safety chain, Carabina and Hexagon key.

Main FEATURES

- Very compact and lightweight design- only 12Kg.
- Improved magnetic holding power.
- Weldon Shank.
- New sliding system - Patented.
- CE confirmed.

SPECIFICATIONS

• Height	345(485)mm
• Width	170mm
• Length	230mm
• Stroke	140mm
• Net Weight	12kg
• Magnet on 1" plate(Dead Lift)	840kgf
• Total power consumption	1,150Watt
• Speed(No load, RPM)	750
• Hole capacity	
- Twist Drill	Ø13mm
- Trumag cutter	Ø40mm



HS60

Trumag HS60 is medium capacity machine for cutting upto Ø60mm. All of Trumag machines have new sliding system exclusively designed by Hosan.

It gives you highest stability without extra support and possibility to cut bigger holes.

* Available in 110/120V or 220/240V, AC 50-60Hz

* Supplied in steel case complete with ; Arbor for cutters, Safety chain, Carabina and Hexagon key.

Main FEATURES

- 2 -speed motor.
- Improved magnetic holding power.
- Quick and easy conversion from twist drilling to cutting with Trumag cutters-MT2 Arbor.
- New sliding system - Patented.
- CE confirmed.

SPECIFICATIONS

• Height	430(620)mm
• Width	200mm
• Length	260mm
• Stroke	190mm
• Net Weight	17Kg
• Magnet on 1" plate(Dead Lift)	890Kgf
• Total power consumption	1,550Watt
• Speed(No load, RPM)	250/650
• Hole capacity	
- Twist Drill	Ø23mm
- Trumag cutter	Ø60mm



H-TAP20

Trumag H-TAP20 is reversible and very versatile machine for drilling, cutting and tapping.

All of Trumag machines have new sliding system exclusively designed by Hosan.

It gives you highest stability without extra support and possibility to cut bigger holes.

* Available in 110/120V or 220/240V, AC 50-60Hz

* Supplied in steel case complete with ; Arbor for cutters, Safety chain, Carabina and Hexagon key.

Main FEATURES

- Reversible motor for tapping.
- Speed adjustable.
- Quick and easy conversion from twist drilling to cutting with Trumag cutters-MT2 Arbor.
- Automatic motor stop in case of over-current.
- New sliding system - Patented.
- CE confirmed.

SPECIFICATIONS

• Height	430(620)mm
• Width	200mm
• Length	260mm
• Stroke	190mm
• Net Weight	17Kg
• Magnet on 1" plate(Dead Lift)	890Kgf
• Total power consumption	1,550Watt
• Speed(No load, RPM)	112~250/270~650
• Hole capacity	
- Twist Drill	Ø23mm
- Trumag cutter	Ø60mm
- Tapping	M20



HS100

Trumag HS100 is higher capacity machine for cutting upto Ø100mm. HS100 is fitted with heavy duty motor unit of total power consumption of 2,000Watt.

All of Trumag machines have new sliding system exclusively designed by Hosan.

It gives you highest stability without extra support and possibility to cut bigger holes.

* Available in 110/120V or 220/240V, AC 50-60Hz

* Supplied in steel case complete with ; Arbor for cutters, Safety chain, Carabina and Hexagon key.

Main FEATURES

- Powerful double insulated motor of 4 -speed.
- Quick and easy conversion from twist drilling to cutting with Trumag cutters-MT3 Arbor.
- New sliding system - Patented.
- CE confirmed.

SPECIFICATIONS

• Height	530(790)mm
• Width	205mm
• Length	300mm
• Stroke	260mm
• Net Weight	26Kg
• Magnet on 1" plate(Dead Lift)	1,420Kgf
• Total power consumption	2,000W
• Speed(No load, RPM)	85/160/320/570
• Hole capacity	
- Twist Drill	Ø32mm
- Trumag cutter	Ø100mm



H-TAP30

Trumag H-TAP30 has heavy duty reversible motor unit, and can be used for tapping upto M30.

All of Trumag machines have new sliding system exclusively designed by Hosan.

It gives you highest stability without extra support and possibility to cut bigger holes.

* Available in 110/120V or 220/240V, AC 50-60Hz

* Supplied in steel case complete with ; Arbor for cutters, Safety chain, Carabina and Hexagon key.

Main FEATURES

- Reversible motor for tapping.
- Speed adjustable.
- Quick and easy conversion from twist drilling to cutting with Trumag cutters-MT3 Arbor.
- Gear slip system to prevent cutter breakage.
- Automatic motor stop in case of over-current.
- New sliding system - Patented.
- CE confirmed.

SPECIFICATIONS

• Height	530(790)mm
• Width	205mm
• Length	300mm
• Stroke	260mm
• Net Weight	26Kg
• Magnet on 1" plate(Dead Lift)	1,420Kgf
• Total power consumption	2,000W
• Speed(No load, RPM)	1st : 45~85 2nd : 90~160 3rd : 215~400 4th : 300~570
• Hole capacity	
- Twist Drill	Ø32mm
- Trumag cutter	Ø100mm
- Tapping	M30



HR-TAP50

Trumag HR-TAP50 is the only one machine to cut upto Ø200mm in the world, which has very heavy duty motor of about 3,000Watt. All of Trumag machines have new sliding system exclusively designed by Hosan.

It gives you highest stability without extra support and possibility to cut bigger holes.

* Available in 110/120V or 220/240V, AC 50-60Hz

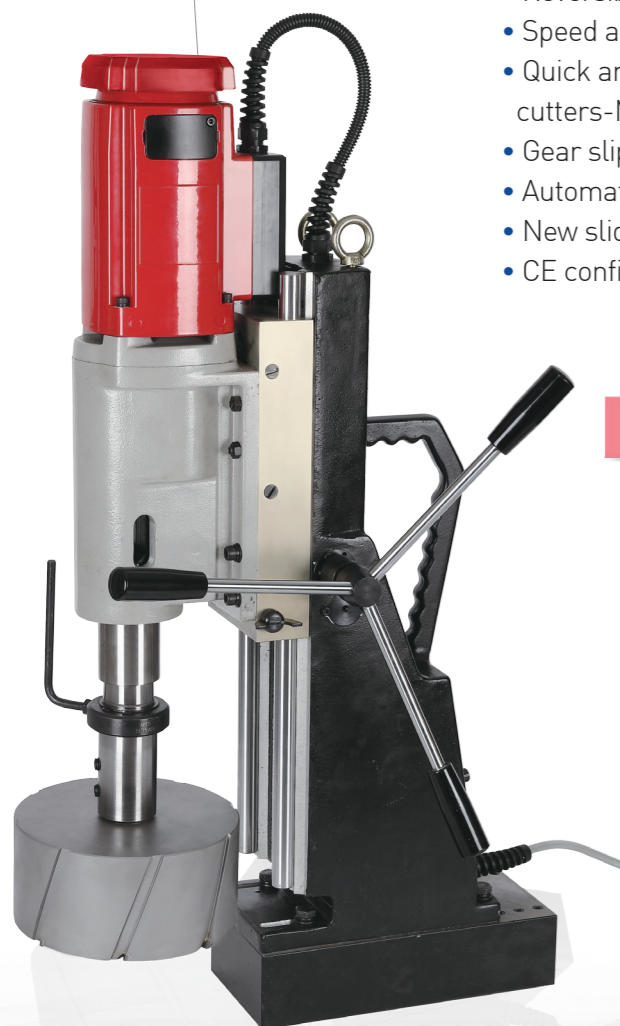
* Supplied in steel case complete with ; Arbor for cutters, Safety chain, Carabina and Hexagon key.

Main FEATURES

- Reversible motor for tapping.
- Speed adjustable.
- Quick and easy conversion from twist drilling to cutting with Trumag cutters-MT5 Arbor.
- Gear slip system to prevent cutter breakage.
- Automatic motor stop in case of over-current.
- New sliding system - Patented.
- CE confirmed.

SPECIFICATIONS

• Height	680(890)mm
• Width	280mm
• Length	455mm
• Stroke	270mm
• Net Weight	52Kg
• Magnet on 1" plate(Dead Lift)	2,200Kgf
• Total power consumption	3,000Watt
• Speed(No load, RPM)	
• Hole capacity	
- Twist Drill	Ø55mm
- Trumag cutter	Ø200mm
- Tapping	M50



AHS60

Trumag AHS60 is auto-feeding machine. It has all necessary safety system for self-feeding.

Specially movement sensor(patent-pending) will guarantee final safety against any unexpected accident.

All of Trumag machines have new sliding system exclusively designed by Hosan.

It gives you highest stability without extra support and possibility to cut bigger holes.

* Available in 110/120V or 220/240V, AC 50-60Hz

* Supplied in steel case complete with ; Arbor for cutters, Safety chain, Carabina and Hexagon key.

Main FEATURES

- Very stable auto-feeding (15.5mm/min).
- Easy conversion to manual or auto-feeding.
- Movement sensor.
- Automatic speed adjustment during cutting.
- Automatic motor stop in case of over-current.
- Gear slip system to prevent cutter breakage.
- New sliding system - Patented.
- CE confirmed.

SPECIFICATIONS

• Height	430(620)mm
• Width	200mm
• Length	260mm
• Stroke	190mm
• Net Weight	19Kg
• Magnet on 1" plate(Dead Lift)	890Kgf
• Total power consumption	1,550Watt
• Speed(No load, RPM)	250/650
• Hole capacity	
- Twist Drill	Ø23mm
- Trumag cutter	Ø60mm



Trumag Cutters

ANNULAR HOLE CUTTERS in
H.S.S. or T.C.T

Trumag Cutters have a geometry, enabling holes to be cut quickly and accurately. Trumag Cutters are produced to the highest standard of quality and accuracy in our factory using state-of-the-art Walter C.N.C. machines



STANDARD PRODUCTION RANGE OF CUTTERS in H.S.S.

CUTTER dia.	25mm depth	50mm depth	75mm depth	CUTTER dia.	25mm depth	50mm depth	75mm depth
12	S12001	S12002		51	S51001	S51002	S51003
13	S13001	S13002		52	S52001	S52002	S52003
14	S14001	S14002		53	S53001	S53002	S53003
15	S15001	S15002		54	S54001	S54002	S54003
16	S16001	S16002		55	S55001	S55002	S55003
17	S17001	S17002		56	S56001	S56002	S56003
18	S18001	S18002		57	S57001	S57002	S57003
19	S19001	S19002		58	S58001	S58002	S58003
20	S20001	S20002	S20003	59	S59001	S59002	S59003
21	S21001	S21002	S21003	60	S60001	S60002	S60003
22	S22001	S22002	S22003	61	S61001	S61002	S61003
23	S23001	S23002	S23003	62	S62001	S62002	S62003
24	S24001	S24002	S24003	63	S63001	S63002	S63003
25	S25001	S25002	S25003	64	S64001	S64002	S64003
26	S26001	S26002	S26003	65	S65001	S65002	S65003
27	S27001	S27002	S27003	66	S66001	S66002	S66003
28	S28001	S28002	S28003	67	S67001	S67002	S67003
29	S29001	S29002	S29003	68	S68001	S68002	S68003
30	S30001	S30002	S30003	69	S69001	S69002	S69003
31	S31001	S31002	S31003	70	S70001	S70002	S70003
32	S32001	S32002	S32003	71	S71001	S71002	S71003
33	S33001	S33002	S33003	72	S72001	S72002	S72003
34	S34001	S34002	S34003	73	S73001	S73002	S73003
35	S35001	S35002	S35003	74	S74001	S74002	S74003
36	S36001	S36002	S36003	75	S75001	S75002	S75003
37	S37001	S37002	S37003	76	S76001	S76002	S76003
38	S38001	S38002	S38003	77	S77001	S77002	S77003
39	S39001	S39002	S39003	78	S78001	S78002	S78003
40	S40001	S40002	S40003	79	S79001	S79002	S79003
41	S41001	S41002	S41003	80	S80001	S80002	S80003
42	S42001	S42002	S42003	82	S82001	S82002	S82003
43	S43001	S43002	S43003	83	S83001	S83002	S83003
44	S44001	S44002	S44003	84	S84001	S84002	S84003
45	S45001	S45002	S45003	85	S85001	S85002	S85003
46	S46001	S46002	S46003	86	S86001	S86002	S86003
47	S47001	S47002	S47003	88	S88001	S88002	S88003
48	S48001	S48002	S48003	90	S90001	S90002	S90003
49	S49001	S49002	S49003	95	S95001	S95002	S95003
50	S50001	S50002	S50003	100	S100001	S100002	S100003

STANDARD PRODUCTION RANGE OF CUTTERS in T.C.T.

CUTTER dia.	35mm depth	50mm depth	75mm depth	CUTTER dia.	35mm depth	50mm depth	75mm depth
14	T14001	T14002		61		T61002	T61003
15	T15001	T15002		62		T62002	T62003
16	T16001	T16002		63		T63002	T63003
17	T17001	T17002		64		T64002	T64003
18	T18001	T18002	T18003	65		T65002	T65003
19	T19001	T19002	T19003	66		T66002	T66003
20	T20001	T20002	T20003	67		T67002	T67003
21	T21001	T21002	T21003	68		T68002	T68003
22	T22001	T22002	T22003	69		T69002	T69003
23	T23001	T23002	T23003	70		T70002	T70003
24	T24001	T24002	T24003	71		T71002	T71003
25	T25001	T25002	T25003	72		T72002	T72003
26	T26001	T26002	T26003	73		T73002	T73003
27	T27001	T27002	T27003	74		T74002	T74003
28	T28001	T28002	T28003	75		T75002	T75003
29	T29001	T29002	T29003	76		T76002	T76003
30	T30001	T30002	T30003	77		T77002	T77003
31	T31001	T31002	T31003	78		T78002	T78003
32	T32001	T32002	T32003	79		T79002	T79003
33	T33001	T33002	T33003	80		T80002	T80003
34	T34001	T34002	T34003	81		T81002	T81003
35	T35001	T35002	T35003	82		T82002	T82003
36	T36001	T36002	T36003	83		T83002	T83003
37	T37001	T37002	T37003	84		T84002	T84003
38	T38001	T38002	T38003	85		T85002	T85003
39	T39001	T39002	T39003	86		T86002	T86003
40	T40001	T40002	T40003	87		T87002	T87003
41	T41001	T41002	T41003	88		T88002	T88003
42	T42001	T42002	T42003	89		T89002	T89003
43	T43001	T43002	T43003	90		T90002	T90003
44	T44001	T44002	T44003	91		T91002	T91003
45	T45001	T45002	T45003	92		T92002	T92003
46	T46001	T46002	T46003	93		T93002	T93003
47	T47001	T47002	T47003	94		T94002	T94003
48	T48001	T48002	T48003	95		T95002	T95003
49	T49001	T49002	T49003	96		T96002	T96003
50	T50001	T50002	T50003	97		T97002	T97003
51	T51001	T51002	T51003	98		T98002	T98003
52	T52001	T52002	T52003	99		T99002	T99003
53	T53001	T53002	T53003	100		T100002	T100003
54	T54001	T54002	T54003	Available upto Ø200mm for 50mm & 75mm cutting depth			
55	T55001	T55002	T55003				
56	T56001	T56002	T56003				
57	T57001	T57002	T57003				
58	T58001	T58002	T58003				
59	T59001	T59002	T59003				
60	T60001	T60002	T60003				

Trumag Range of industrial arbors and accessories extend to the factory and workshop giving all the advantages of Trumag cutters for a wide field of hole cutting requirements

ARBOR with COOLANT FEED

PART NO.	MT	SIZE	REMARKS
A201	MT2	3/4"	STANDARD
A301	MT3	3/4"	STANDARD
A302	MT3	1 1/4"	STANDARD
A402	MT4	1 1/4"	STANDARD
A502	MT5	1 1/4"	STANDARD
A201S	MT2	3/4"	ONE-TOUCH
A301S	MT3	3/4"	ONE-TOUCH



TAPPING CHUCK

PART NO.	MT	STANDARD COLLET
SDT24-2	MT2	M6, M8, M10, M12, M16, M20, M24
SDT-33-3	MT3	M10, M12, M14, M16, M20, M24, M30



PILOT PIN

PART NO.	SIZE	CUTTER	REMARKS
PS001	6.35/5.3 x 77	H.S.S. 1"	STEPPED
PS002	6.35/5.3 x 90	H.S.S. 2"	STEPPED
PS003	6.35/5.3 x 116	H.S.S. 3"	STEPPED
PS201	7.98 x 77	H.S.S. 1" over Ø60mm	STRAIGHT
PT001	7.98 x 88	T.C.T. 35mm	STRAIGHT
PST002	7.98 x 90	H.S.S. over Ø60mm T.C.T. 2"	STRAIGHT
PST003	7.98 x 118	H.S.S. over Ø60mm T.C.T. 3"	STRAIGHT

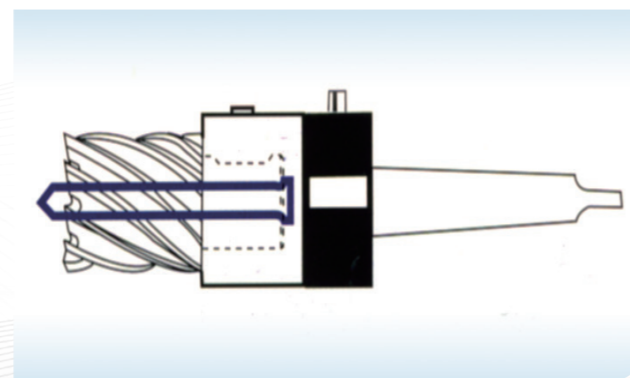
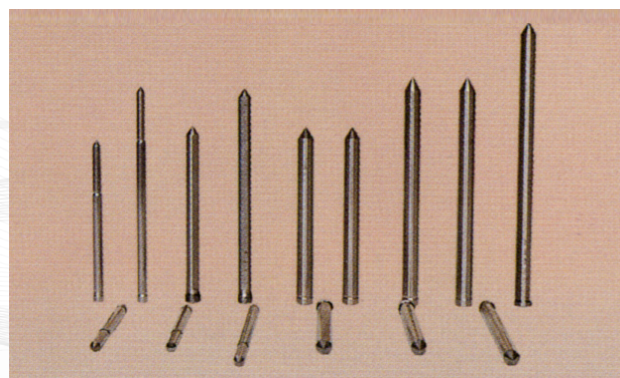


TABLE FOR HSS/CO CUTTERS

