

Hole cutting machine (Pipe hole cutter)

Hole cutting machine (Pipe hole cutter) is designed to drill hole on large steel pipe so to equip a small branch pipeline. It is powered by gear reducing motor with high performance and low noise.

TPMC provides hole cutting machine in CE certificate.



CE

- Certificate: CE
- Equipment: Tightening chain
- Accessories: Hole saw in different size
Large center drill (Standard)
Small center drill (Extra)



Available size

Ref. No.	P3210	P3230
Capacity (Pipe OD)	NPS 2" ~ 8"	NPS 2" ~ 8"
Capacity (Pipe THK)	Max Sch40	Max Sch40
Capacity (Hole size)	NPS 1" ~ 4"	NPS 1" ~ 4"
Phase (P)	Single	Three
Voltage (V)	110/120/220/230/240	220/380/415/440
Frequency (Hz)	50/60	50/60
Output (rpm)	110	110
Standard hole saw	1 set: 51mm	1 set: 51mm
Power plug	BS/NEMA/CN	/
Standard color	Red and black	Red and black
Packing size (mm)	320x320x640	320x320x640
Weight (kg)	26	26

Note: Machine is supplied with one set of large center drill and one set of standard hole saw, 51mm.

Hole saw selection (Hole cutting tool)

The dual-metal structure and 4&6 alterable teeth of hole saw allow quick and stable cutting and ensure an extended service life. The hole saw fits for drilling holes size 1" ~ 4" for steel pipes of OD 2" ~ 8".

Hole diameter		Cutting hole speed for different pipe material (RPM)				Ref. No.
mm	inch	Low carbon steel pipe	Medium carbon steel and SS pipe	Cast iron pipe	Copper / brass pipe	
25	1	350	175	235	470	P32HS025
27	1-1/16	325	160	215	435	P32HS027
29	1-1/8	300	150	200	400	P32HS029
30	1-3/16	285	145	190	380	P32HS030
32	1-1/4	275	140	180	360	P32HS032
33	1-5/16	260	135	175	345	P32HS033
35	1-3/8	250	125	165	330	P32HS035
37	1-7/16	240	120	160	315	P32HS037
38	1-1/2	230	115	150	300	P32HS038
40	1-9/16	220	110	145	290	P32HS040
41	1-5/8	210	105	140	280	P32HS041
43	1-11/16	205	100	135	270	P32HS043
44	1-3/4	195	95	130	260	P32HS044
46	1-13/16	190	95	125	250	P32HS046
48	1-7/8	180	85	120	240	P32HS048
51	2	170	85	115	230	P32HS051
52	2-1/16	165	80	110	220	P32HS052
54	2-1/8	160	80	105	210	P32HS054
57	2-1/4	150	75	100	200	P32HS057
59	2-5/16	145	75	100	195	P32HS059
60	2-1/8	140	70	95	190	P32HS060
64	2-1/2	135	65	90	180	P32HS064
65	2-9/16	130	65	85	175	P32HS065
67	2-5/8	130	65	85	170	P32HS067
70	2-3/4	125	60	80	160	P32HS070
73	2-7/8	120	60	80	160	P32HS073
76	3	115	55	75	150	P32HS076
79	3-1/8	110	55	70	140	P32HS079
83	3-1/4	105	50	70	140	P32HS083
86	3-3/8	100	50	65	130	P32HS086
89	3-1/2	95	50	65	130	P32HS089
92	3-5/8	95	45	60	120	P32HS092
95	3-3/4	90	45	60	120	P32HS095
98	3-7/8	90	45	60	120	P32HS098
102	4	85	40	55	110	P32HS102
105	4-1/8	80	40	55	110	P32HS105
108	4-1/4	80	40	55	110	P32HS108
111	4-3/8	80	40	50	100	P32HS111
114	4-1/2	75	35	50	100	P32HS114

Note: Above hole saw can be purchased separately if needed.