

Roll grooving machine

Roll grooving machine is designed to make roll groove on steel pipe ends. It is powered by gear reducing motor which features integral hydraulic pump and groove depth limitation device, so to provide accurate and quick grooves.

TPMC provides roll grooving machine in CE certificate.



P3101 & P3103



P3111 & P3113



P3121 & P3123



P3131



Available size

Ref. No.	P3101	P3103	P3111	P3113
Capacity (Pipe OD)	NPS 1" ~ 6"	NPS 1" ~ 6"	NPS 1" ~ 8"	NPS 1" ~ 8"
Capacity (Pipe THK)	Sch10 & Sch40	Sch10 & Sch40	Sch10 & Sch40	Sch10 & Sch40
Phase (P)	Single	Three	Single	Three
Voltage (V)	110/120/220/230/240	220/380/415/440	110/120/220/230/240	220/380/415/440
Frequency (Hz)	50/60	50/60	50/60	50/60
Output (rpm)	23	23	23	23
Power plug	BS/NEMA/CN	/	BS/NEMA/CN	/
Standard color	Red and black	Red and black	Red and black	Red and black
Packing size (mm)	950x530x650	950x530x650	750x410x720	750x410x720
Weight (kg)	96	96	82	82

Note: Machine is supplied together with standard accessories.

Roll grooving machine

Available size

Ref. No.	P3121	P3123	P3131
Capacity (Pipe OD)	NPS 1" ~ 12"	NPS 1" ~ 12"	NPS 3/4" ~ 8"
Capacity (Pipe THK)	Sch10 & Sch40	Sch10 & Sch40	Sch10 & Sch40
Phase (P)	Single	Three	/
Voltage (V)	110/120/220/230/240	220/380/415/440	/
Frequency (Hz)	50/60	50/60	/
Output (rpm)	36	36	/
Power plug	BS/NEMA/CN	/	/
Standard color	Red and black	Red and black	White and black
Packing size (mm)	1170x760x1550	1170x760x1550	250x150x250
Weight (kg)	250	250	13

Note:

1. Machine is supplied together with standard accessories.
2. For P3131, it is portable manual grooving machine, also allowing to be mounted to a RIGID 300 power drive.

Standard accessories



For P3101 & P3103

Pipe stand	1 set	Knurl wheel (For Sch40 pipe)	3 sets: 1" to 1-1/2", 2" to 3", 3-1/2" to 6"
Pinch roller	2 sets: 1" to 1-1/2", 2" to 6"	Knurl wheel For Sch10 pipe (Optional)	3 sets: 1" to 1-1/2", 2" to 3", 3-1/2" to 6"

For P3111 & P3113

Pipe stand	1 set	Knurl wheel (For Sch40 pipe)	4 sets: 1" to 1-1/2", 2" to 3", 3-1/2" to 6", 8"
Pinch roller	3 sets: 1" to 1-1/2", 2" to 6", 8"	Knurl wheel For Sch10 pipe (Optional)	4 sets: 1" to 1-1/2", 2" to 3", 3-1/2" to 6", 8"

For P3121 & P3123

Pipe stand	1 set	Knurl wheel (For Sch40 pipe)	3 sets: 1" to 1-1/2", 2" to 6", 8" to 12"
Pinch roller	3 sets: 1" to 1-1/2", 2" to 6", 8" to 12"	Knurl wheel For Sch10 pipe (Optional)	3 sets: 1" to 1-1/2", 2" to 6", 8" to 12"
Foot switch	1 set		/

For P3131

Hand crank	1 set	Knurl wheel (For Sch40 pipe)	4 sets: 3/4" to 1", 1-1/4" to 1-1/2", 2" to 6", 8"
Pinch roller	3 sets: 3/4" to 1-1/2", 2" to 6", 8"	Knurl wheel For Sch10 pipe (Optional)	4 sets: 3/4" to 1", 1-1/4" to 1-1/2", 2" to 6", 8"

Note: Above standard accessories are equipped with machine, except of optional knurl wheel which need purchase separately.