

ROLL GROOVE MACHINE MODEL IIIA



IIIA Model

- This machine is applicable for grooving of the end of 1"-4" steel pipes and 1"-1-1/2" SYLER PE-lined steel pipes.
- The knurl shaft employs taper connection to facilitate the changing of knurl wheels.
- The unique integral hydraulic pump structure and groove depth limitation device ensure high channeling quality plus high working efficiency.

Technological Parameters

Processing Capability

1"-4" (ø33 - ø114) Steel pipe

1"-2-1/2" (ø33 - ø76) SYLER PE-Lined Steel pipe

Max. Wall thickness : 5mm

Output RPM : 23 rotations/m

Driving Power

Three-phase motor, Voltage: 100-415V

Power capacity: 550W Frequency:50-60Hz

N.W.: 75kg

Packing size: 6450x580x1080mm

Single-phase motor, Voltage: 110-240V

Power capacity: 7500W Frequency:50-60Hz

N.W.: 80kg

Packing size: 690x580x1080mm

Standard Configuration

Steel pipe support, one pieces (refer to fig.3)

A set of 1"-4" knurl wheel, 4 pieces, (refer to fig4)

A set of 1"-4" pinch roll, 2 pieces, (refer to fig5)

Drawing No.	Description	Weight(kg)	Grooving Application		
			Syler*	Firex**	Sch40
(3)	Steel pipe support	17			
(4)	Knurl wheel (ø33-ø48)	0.5	1"	1" to 1-1/2"	1" to 1-1/2"
(4)	Knurl wheel (ø42)	1.25	1-1/4"	1-1/4"	1-1/4"
(4)	Knurl wheel (ø48)	1.2	1-1/2"	1-1/2"	1-1/2"
(4)	Knurl wheel (ø57-ø165)	1.4	2" to 2-1/2"	2" to 4"	2"
(5)	Pinch roll (ø33-ø48)	0.65			
(6)	Steel pipe support	17			