

ROLL GROOVE MACHINE MODEL IIA



- Ball transfer construction can fast centering pipes and move forward and backward.

(2)



- The pump with limiting piston can adjust the depth of groove

- Can change the upper and bottom rollers according to the groove dimensions

(1)

IIA Model

- This machine is applicable for grooving of the end of 2"-12" steel pipes and 2"-6" SYLER PE-lined steel pipes.
- Powered by high-performance gear reducing motor contributing to compact size and noise.
- The unique integral hydraulic pump structure and channeling depth limitation device ensure high channeling quality plus high working efficiency.

Technological Parameters

Processing Capability

2"-12" (ø57 - ø325) Steel pipe

2"-6" (ø57 - ø168) SYLER PE-Lined Steel pipe

Max. Wall thickness : 10mm

Output RPM : 23 rotations/m

Driving Power

Three-phase motor, Voltage: 100-415V

Power capacity: 1100W Frequency:50-60Hz

N.W.: 103kg

Packing size: 850x650x840mm

Single-phase motor, Voltage: 110-240V

Power capacity: 1500W Frequency:50-60Hz

N.W.: 108kg

Packing size: 900x650x840mm

Standard Configuration

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

A set of 2"-12" knurl wheel, 4 pieces, (refer to fig4)

A set of 2"-12" pinch roll, 2 pieces, (refer to fig5)

A set of guide wheel (refer to fig.6)



(3)



(6)



(4)



(5)

Drawing No.	Description	Weight(kg)	Grooving Application		
			Syler*	Firex**	Sch40
(3)	Steel pipe support	29.5			
(4)	Knurl wheel (ø60-ø76)	0.5	2" to 2-1/2"	2" to 2-1/2"	2" to 2-1/2"
(4)	Knurl wheel (ø89-ø168)	1.25	3"	3" to 6"	3" to 6"
(4)	Knurl wheel (ø114-ø168)	1.2	4" to 6"	4" to 6"	4" to 6"
(4)	Knurl wheel (ø219-ø352)	1.4	N/A	8" to 12"	8" to 12"
(5)	Pinch roll (ø60-ø168)	0.65			
(5)	Pinch roll (ø219-ø325)	0.6			
(6)	Guide wheel	3.5			