

**VERTICAL INJECTION MOULDING MACHINE FTV 60/40 “Cigno” - year 1994**

**Injection unit**

Screw diameter	mm	32
Stroke	mm	120
Theoretical volume	cm <sup>3</sup>	96
Length/Diameter ratio	L/D	18
Maximum pressure on material	kg/cm <sup>2</sup>	1555
Maximum molding area in the mould at 250 bar	cm <sup>2</sup>	110

**Toggle-joint closing unit**

Closing force	kN	450
Mobile fixed plate stroke	mm	100
Maximum mould thickness	mm	300
Minimum mould thickness	mm	150
Maximum sizes of the mould base	mm	300x300
Manual adjustment of mold thickness		

## Rotary table

Diameter	mm	1340
Work positions	n°	3
Speed of rotation to 3 positions (120 degrees)	sec	3
repeatability of positioning	mm	÷ 0.1
extraction jacks	n°	1
extraction jack power at 70 bar	kN.	12.30
stroke of extraction jack	mm	0 ÷ 40
height from the ground of the worktop	mm	1230
disc locking		
clockwise movement	hydraulic	

## Machine control and software specifications

- SAIA-PCD2 micro processor based on 68030 micro processor.
- Computer with MS DOS \* operating system, on 386 industrial card (2Mb of RAM memory) for the management and display of machine data.
- Control and variation of all molding parameters with operator guide messages.

