

## MACHINE SPECIFICATIONS

Spindle diameter .....	mm. ....	150
Spindle inside taper .....	.....	ISO 50
Spindle external centring .....	.....	ISO 50
Sleeve external centring .....	.....	ISO 60
Ram dimensions .....	mm. ....	350 x 400
Infinitely variable speeds of the spindle .....	r.p.m. ....	4 - 2500
Infinitely variable feeds for all the axis .....	mm./min .....	3 - 5000
Rapid motion for the axis X,Y,W,Z .....	mm./min .....	10000
Headstock vertical travel .....	mm. ....	3000
Spindle horizontal travel .....	mm. ....	1000
Ram horizontal travel .....	mm. ....	1000
Column cross travel .....	mm. ....	7000 (+ 1000 pick-up)
DC. motor for spindle drive .....	kW. ....	60
Nominal torque of the AC. motors for feeds of axis Z-W .....	Nm. ....	44
Nominal torque of the AC. motor for feeds of axis X-Y .....	Nm. ....	57

### CHARACTERISTICS OF THE TOOL-CHANGER

Number of tools .....	.....	100
Taper .....	.....	ISO-50
Pulling .....	.....	DIN 69872-A
Maximum diameter of tools (adjacent pockets free) .....	mm. ....	300
Maximum diameter of tools (adjacent pockets occupied) .....	mm. ....	125
Maximum length of tool .....	mm. ....	500
Maximum weight of tool .....	Kgs. ....	30
Passing between tools .....	mm. ....	130