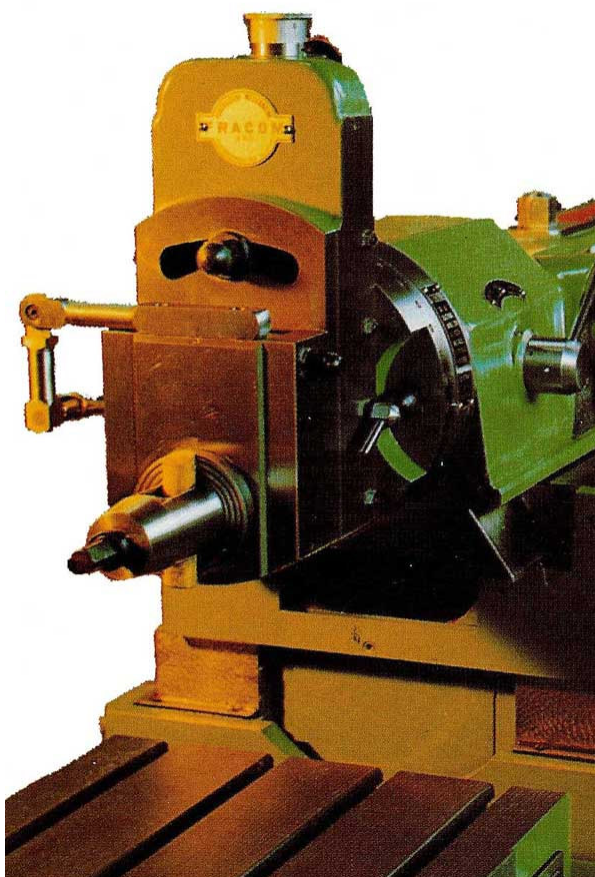




# LERIA 400



## **MAIN FEATURES**

### **FRAME**

Largely dimensioned, well ribbed and connected to the base by means of locking bolts, it assures absolute rigidity under the most diversified working conditions.

### **TABLE**

Swivelling at 90° in both senses in allows to work pieces in swivelled position. T slots and a prismatic devices are provided to work pieces with circular section. A graduated vernier allows an easy reading of feeds. The table locking is effected by two levers.

### **SADDLE**

It is of sturdy construction with large bearing surface and well ribbed in order to assure rigidity and non-deformability. A device allows the movement of the saddle. The sliding guides are induction hardened and ground.

### **HEADSTOCK**

Accurately studied in order to offer a large bearing surface and absolute rigidity also during hard workload. The head is swivelling at 90° in both senses and a vernier offers an easy reading of feeds. The tool holder carriage is adjusted by means of a gib. The carriages are provided with a device for the automatic tool.

### **CHANGE BOX**

All gears and shafts are in Ni-Mo steel hardened and ground and are assembled on ball bearings. The levers allow the selection of the speed in geometric progression.

### **DAIVE OF CONNECTING ROD**

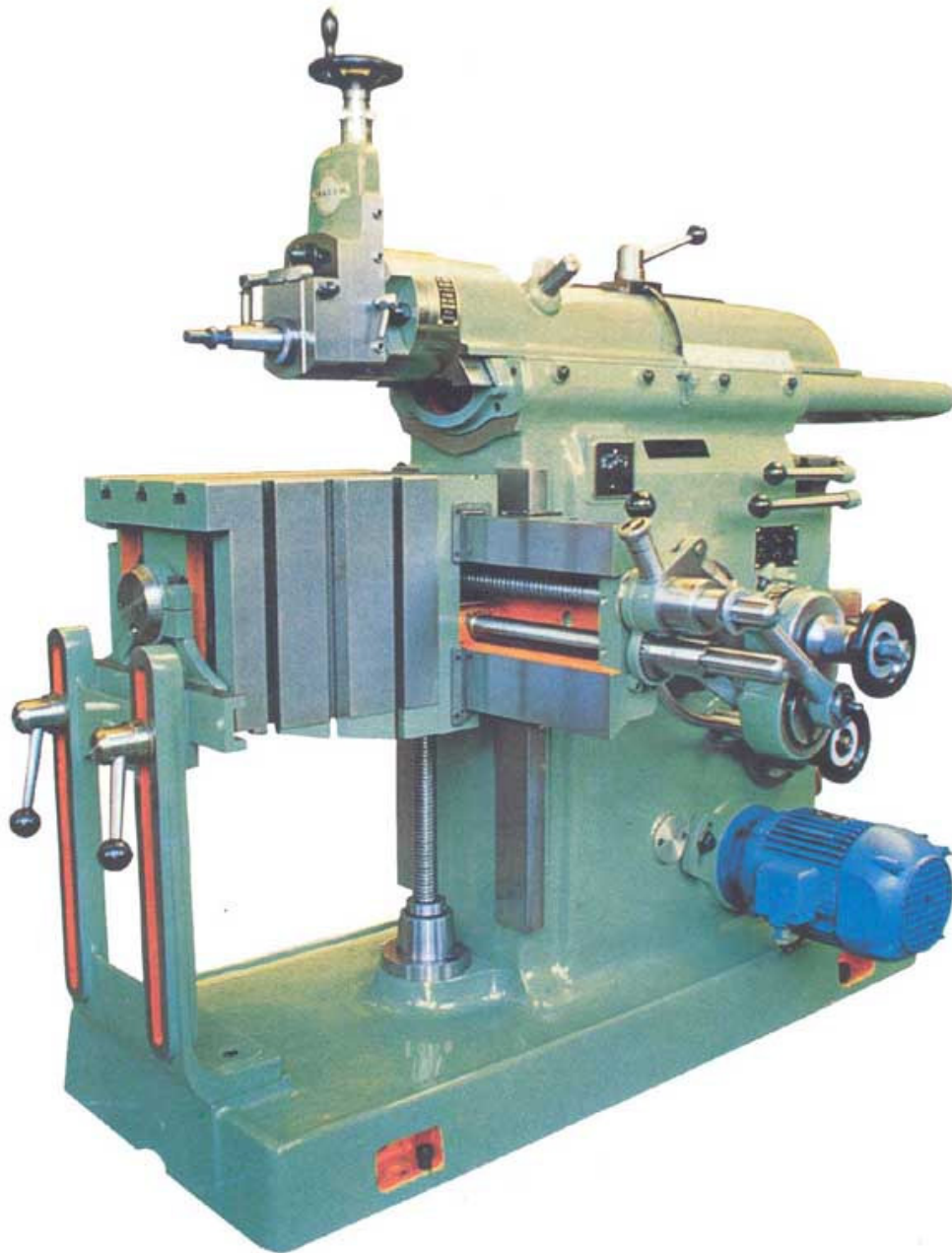
The movement of the tool holder slide is effected by a largely dimensioned crank and slotted link. The driving wheel is in high resistant cast iron. A screw allows the adjustment of the movement of the tool holder slide.

### **MACHINE DRIVE**

The machine is driven by a single speed motor, placed inside its frame. This motor controls the gear box by means of multi-disc Baruffaldi clutch. The machine's drive is got by a lever and can be easily reached by the operator.

**LUBRICATION**

All kinematic devices are automatically lubricated by a pump which distributes the oil by means of pipes. The oil slipped out from the prismatic guides of the machine is collected by proper protections, which allow its recovery in the main tank. A double cartridge filter - connected to the pump - avoids the entrance of foreign matters in the pump.



## TECHNICAL FEATURES

Travel of the machine	mm	400
Max. ram stroke	mm.	430
Min. ram stroke	mm.	0
Table traverse by hand or automatic	mm.	600
Cross feeds N. from	n	6
	mm.	0,20 ÷ 1,20
Vertical traverse of the table by hand or automatic	mm.	340
Vertical feeds N. from	n	6
	mm.	0,05 ÷ 0,30
Min. distance between table and toolslide	mm.	110
Max. height of piece	mm.	450
Automatic or manual down feed with tool lifter in the back stroke	mm.	120
Cut speeds	n	6
N. of stroke - from	mm.	19 ÷ 120
Dimensions of the swivel cube table	mm.	400x290x270
Tool-holder section	mm.	18
Overall dimensions	mm.	1600x1000x1300
Motor power	HP.	2
Net weight approx.	Kg.	950
On request the machine is delivered with vice	mm.	150x150

Specifications to serve as a guide. Subject to modifications without notice.

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