

"SINCE 1998"



**KSP**<sup>®</sup>

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**SERVING TO ENGINE  
RECONDITIONING SPECIALISTS...**

**MACHINE TOOL DIVISION**



**KSP 700**

**CON-ROD BORING MACHINES**

# CON-ROD BORING MACHINES

## KSP 700

[www.kspipekyolu.com](http://www.kspipekyolu.com)

KSP 700 Connecting Rods Boring Machine is designed for accurate machining of connecting rods inner parts (i.e. bushes), housings and similar components.

- It is made of wear resistant quality cast.
- The feed rate can be adjusted easily as uninterrupted.
- Digital and step less spindle speeds help acquiring smooth surface finishes.
- The spindle speed range varies between 0 and 1280 rpm.
- Rotation and linear speed values can be seen on the digital screen.

### TECHNICAL SPECIFICATIONS

Height of spindle axis (C/L) over table	190 mm
Boring capacity (minimum diameter)	14 mm
Boring capacity (maximum diameter)	160 mm
Min. and Max. con-rod center distance	min. 75 mm - max. 700 mm
Boring spindle rotation speeds	0- 385-440-770-1280 RPM
Table feed speed	0.06-0.12 mm
Table longitudinal movement	30 mm
Boring head motor	1-1.6 KW

### STANDARD EQUIPMENT

CODE	DESCRIPTION	QTY
KSP 701	Centering apparatus	1
KSP 702	Tool checking apparatus	1
KSP 703	Tool setting device with dial gauge	1
KSP 704	Spindles	3
KSP 705	Fixture apparatus	5
KSP 706	Pins apparatus	13
KSP 707	Side tightening apparatus	4

### OPTIONAL EQUIPMENT

KSP 801	Tool setting device with micrometer
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### DIMENSIONS

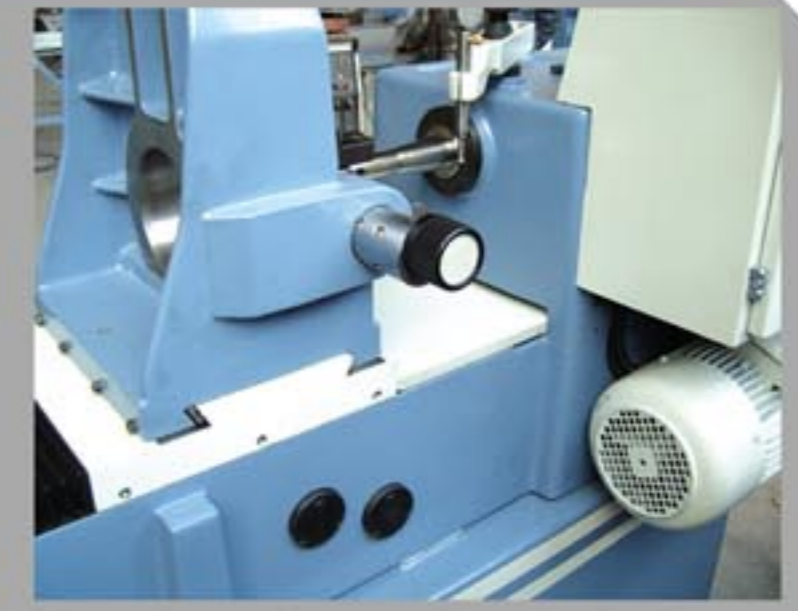
HEIGHT	1900 mm
WIDTH	800 mm
LENGTH	1300 mm

### WEIGHTS

Without packing	600 kg
With packing	650 kg



Electric limit switch helps stopping the table at any desired boring depth



The table can be moved automatically as well as manually. The feed rate can be adjusted easily as uninterrupted.



It is made of wear resistant quality cast. Work piece holders and cutting tool apparatus are made using by heat treated steel which was then fine ground.



Voltage is 380 V/50 Hz., other voltages on request



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