

## PALMARY PCB-3010



**Type:** Centerless grinder No CNC centres

**Brand:** PALMARY

**Model:** PCB-3010

**C.N.C:** FANUC

**Specifications:**

A CUSCINETTI

## Technical information

### TURNING CAPACITY

Grinding  $\varnothing$ : 0-25 mm

### DETAILS

Grinding Wheel  $\varnothing$  x thickness/ bore: 305x100x177.8 mm

Regulating wheel  $\varnothing$  x thickness/ bore: 205x100x90 mm

Grinding wheel power: 3.7 kw

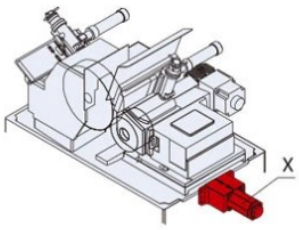


## 4-axis ROBOT system for auto loading and unloading (opt.)

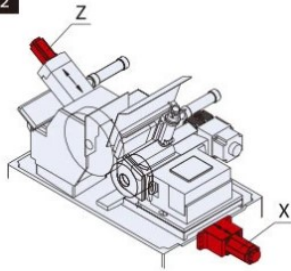
Graphic interface for easy and quick setting. Save adjusting time for changeover. The significant benefits of increasing productivity.



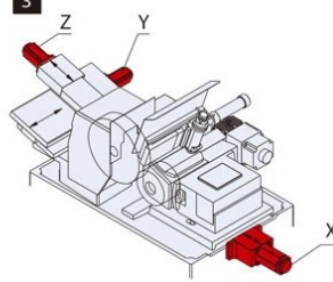
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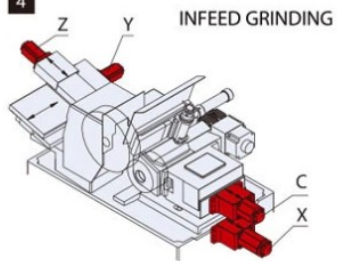
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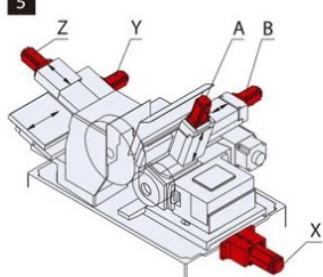


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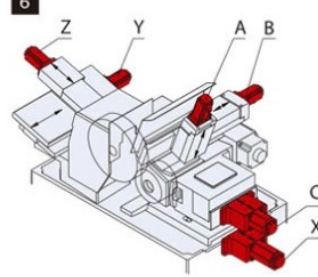


INFEED GRINDING

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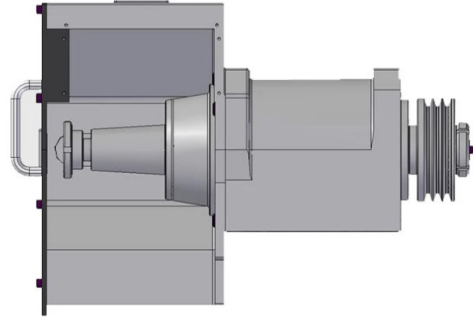


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**Spindle included high precision duplex roller bearing**

High rigidity single supporting design to accomplish high precision and stability of grinding job.





Model	PCB-3010
<b>Grinding Wheel</b>	
Standard grinding range (dia.)	00.3~025 mm
Grinding wheel size (O.D. x width x I.D.)	Ø305 x 100 x Ø177.8 mm
Linear velocity	45 M/s
Dressing device	Single-point dressing device / (opt.) Diamond roller dressing device
<b>Regulating Wheel</b>	
Regulating wheel size (O.D. x width x I.D.)	Ø205 x 100 x Ø90 mm
Regulating wheel speed	10~200 r.p.m. (variable speed)
Regulating wheel tilt angle	± 5°
Regulating wheel swivel angle	±0.5°
Regulating wheel dressing device swivel angle	±5°
Dressing device OFFSET	0~5 mm
<b>Slider</b>	
Lower and upper slider	Square slider, Ball screw + reducer
<b>Motor</b>	
Grinding wheel	3.7 kW
Regulating wheel	0.75 kW
Coolant pump	0.093 kW (wheel cooling) / 0.093 kW (dressing cooling)
<b>Lubrication</b>	
G.W. lubrication	Oil mist type
R.W. lubrication	Oil grease type
Lubrication	Auto lubricator (LUBE)
<b>Controller</b>	
Brand	FANUC
<b>Tank</b>	
Coolant tank	100 L
Grinding wheel spindle lubrication system	1.0 L
Table slide lubrication	4.0 L
<b>Weight</b>	
New weight	2100 kg