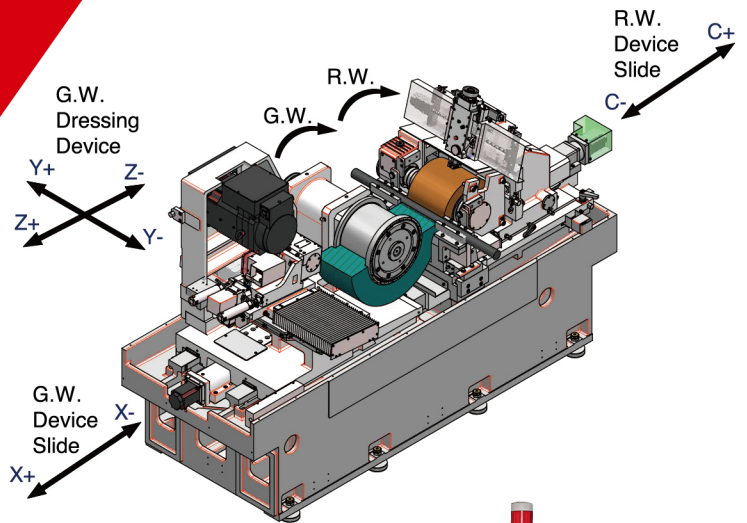


# CNC CENTERLESS GRINDER

## BEARING SPINDLE TYPE

**PALMARY**  
PALMARY MACHINERY CO., LTD.

**PCB-6020GF-4**  
**PCB-6025GF-4**



### FEATURES

- High grinding accuracy and high rigidity design for 4 axes CNC Centerless Grinder bearing spindle type.
- The best configuration for machine bed and structural support ribs makes the grinding accuracies has high stability.
- The grinding wheel spindle single bearing holding type equipped with super precision cylindrical roller bearings for the highest rigidity requirement.
- Double-side slides design allows to equip the infeed grinding type device, also could arrange the optional high speed auto loading & unloading attachment.
- The customs design loading device and outer diameter measuring device are also possible as optional for best functional performance.
- The two slides design centerless grinder is suitable for long bar outer diameter grinding application. The advantages include the work rest fixed in the machine which enable better grinding accuracies for its stability.



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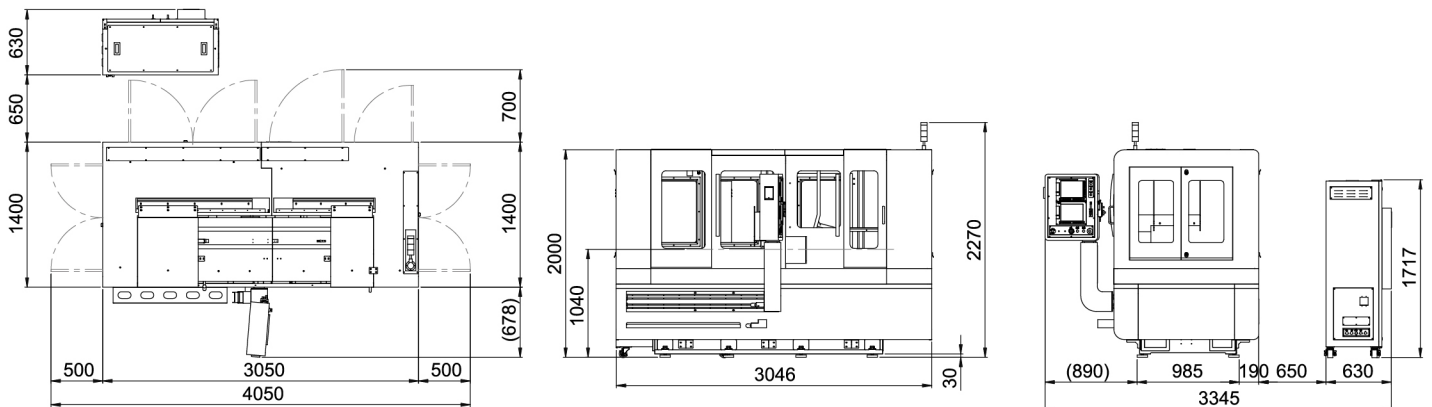
### PCB-6020GF-4 / PCB-6025GF-4

MODEL	PCB-6020GF-4	PCB-6025GF-4	OPTIONAL ACCESSORIES
<b>Capacity</b>	O.D. grinding range $\varnothing 2\text{--}\varnothing 100\text{ mm}$ ( $\varnothing 70\text{--}\varnothing 150\text{ mm}$ opt.)		<ul style="list-style-type: none"> <li>Fully enclosed splash guard</li> <li>Linear scale</li> <li>Diamond roller dresser</li> <li>Coolant Separator</li> <li>Long bar loading / unloading device</li> <li>G.W. auto balancing system</li> <li>Jib crane for wheel change</li> <li>G.W. inverter</li> <li>OD measuring device</li> </ul>
	Size (O.D. x Width x I.D.) $\varnothing 610\text{ x }205\text{ x } \varnothing 304.8\text{ mm}$   $\varnothing 610\text{ x }255\text{ x } \varnothing 304.8\text{ mm}$		
<b>Grinding Wheel</b>	Linear velocity 2700 m/min (3600 m/min opt.)		
	Motor 30 HP x 4P (22 kW) (50 HP x 4P (37 kW) opt.)		
	Lubrication Oil mist type		
	Size (O.D. x Width x I.D.) $\varnothing 330\text{ x }205\text{ x } \varnothing 152.4\text{ mm}$   $\varnothing 330\text{ x }255\text{ x } \varnothing 152.4\text{ mm}$		
	Linear velocity 10~300 r.p.m. (variable speed)		
	Motor 3.0 kW servo motor		
<b>Regulating Wheel</b>	Tilt angle $+5^\circ \sim -5^\circ$		
	Swivel angle $+0.5^\circ \sim -0.5^\circ$		
	Dressing angle $+5^\circ \sim -5^\circ$		
	Lubrication Oil grease type		
	Front & rear micro distance adjustment $+3 \sim -3\text{ mm}$		
<b>GW Device Slide</b>	Square slide	Ball screw + reducer + Linear scale (opt.)	
<b>RW Device Slide</b>	Dovetail slide	Ball screw + reducer	
<b>Lubrication</b>		Auto lubricator (LUBE)	
<b>Control</b>	CNC	FANUC Oi-TF	
<b>Machine Dimensions (L x W x H)</b>	3046 x 3345 x 2270 mm		
<b>Machine Net Weight</b>	6500 kg		

• The mentioned specifications & dimensions are subject to change without notice.

### MACHINE DIMENSIONS

(unit: mm)



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