

**Elektra-evo serie plus 1023 CNC R/I/I**  
**Elektra-evo serie plus 1523 CNC R/I/I**

The ELEKTRA-evo "Plus" R/I/I-configuration, is characterized by one external grinding spindle-motor, capable of carrying wheels with diameters up to 508 mm and 2 internal grinding spindle units, with integrated motor.

Wheelhead swivelling is automatic and controlled by CNC with the B-axis, with pneumatic lift assistance and programmable stepless swing range.

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<b>ELEKTRA-evo 'plus'</b>		<b>1023</b>	<b>1523</b>
<b>Nominal ratings:</b>			
<b>Max. distance between centres</b>	<b>mm</b>	<b>1000</b>	<b>1500</b>
<b>Max. grinding length with RH wheel at 30°</b>	<b>mm</b>	<b>760 / 1260</b>	
<b>Height of centres</b>	<b>mm</b>	<b>230</b>	
<b>Max. grinding diameter</b>	<b>mm</b>	<b>450</b>	
<b>Max. weight between centres</b>	<b>Kg</b>	<b>120 (250)*</b>	
<b>Machine weight, without accessories</b>	<b>Kg</b>	<b>6600</b>	<b>7200</b>
<b>Wheelhead:</b>			
<b>Max. left / right wheels dimensions for external grinding (diameter x thickness x bore)</b>	<b>mm</b>	<b>508 x 80 (100)* x 203,2</b>	
<b>Wheel peripheral speed for external grinding</b>	<b>m/s</b>	<b>50</b>	
<b>Standard range of revolutions (internal grinding spindle)</b>	<b>rpm</b>	<b>10000 ÷ 30000</b>	
<b>Angular swivelling system</b>		<b>Automatic B-Axis (CNC)</b>	
<b>Max. swivelling angle allowed</b>	<b>degrees</b>	<b>-180° ÷ +30°</b>	
<b>X-axis traverse feed unit and Z-axis longitudinal feed unit:</b>	<b>degrees</b>	<b>90°</b>	
<b>Relative angle between X and Z axes slideways</b>			
<b>Max. stroke axes X / Z</b>	<b>mm</b>	<b>400/1180</b>	<b>400/1680</b>
<b>Longitudinal table swivelling</b>	<b>degrees</b>	<b>0° ÷ +7°</b>	
<b>Workhead (rotating spindle and drive plate):</b>			
<b>Internal / external taper attachment</b>	<b>rpm</b>	<b>Morse 5 / ASA 5</b>	
<b>Speed range variation</b>	<b>rpm</b>	<b>10 ÷ 800</b>	
<b>Max. weight of chucked workpiece at 100 mm from spindle nose</b>	<b>kg</b>	<b>100</b>	
<b>Tailstock manual (automatic)*:</b>			
<b>Internal taper attachment</b>		<b>Morse 4</b>	
<b>Max. quill stroke</b>	<b>mm</b>	<b>35</b>	

**(\*) Technical variant**

**All weights, measurements and sizes described are not binding. We reserve the right to make all the modifications deemed necessary without previous notice.**