

# Universal grinder Tripet MUR 100

<b>State</b>	<b>USED</b>
<b>Category</b>	Grinding machine
<b>Brand</b>	TRIPET
<b>Model</b>	MUR 100
<b>Serial number</b>	113-4921
<b>Year of manufacture</b>	-
<b>Inventory number</b>	2688



## CHARACTERISTICS

### Capacity

Grinding range 1-100mm  
 Grinding Diameter  
 internal : 0.5-15 mm  
 external : 0,1-15 mm  
 Circular surface : 80 mm 60 mm  
 Centre height : 60 mm

### Slide movements

Basic longitudinal slide : 225 mm  
 Grinding head  
 longitudinal (automatique) : 1 mm  
 transversal : 15 mm  
 Speed : 0-8 m/min  
 Work headstock swivel  
 Front : 50°  
 Back : 90°

### Motors

Hydraulic pump 0.1 KW 1400 rpm  
 Work headstock : 0.23 KW, 3000 rpm  
 External grinding : 0.37 KW, 2880 rpm  
 Coolant pump : 0.2 KW, 2800 rpm  
 Face grinding : 0.11 KW, 2760 rpm

### Spindle speeds

Work headstock : 150-1500 rpm  
 Internal grinding quills  
 JS 80 air turbine : 80'000 rpm  
 JS 130 air turbine : 120'000 rpm  
 High-frequency quills : on request  
 External grinding quills 4900/5600 rpm 6700/7900 rpm  
 Face grinding attachment : 7250 t/min

### Grinding wheels

For air turbine quills on special steel shanks Ø 3 et 6 mm

## COMPOSITION AND ACCESSORIES

Work Headstock  
 Manual micrometer adjustment  
 Automatic infeed  
 Wheel dressing attachment  
 Micrometer stop on grinding head slide  
 Hydraulics and electrics cabinet  
 1 Air turbine quills JS 120 (120'000 t/min.)  
 1 Air turbine quills JS 80 (80'000 t/min.)  
 Coolant system

Standard wheels :  $\varnothing$  3-8 mm  
Diamond wheels :  $\varnothing$  0.4-6 mm  
For external grinding :  $\varnothing$  max. 100 mm  
For face grinding bell-shaped grinding wheels :  $\varnothing$  50x30x10 mm

**Work headstock**

Collets 0.5-10 mm : W12  
Spindle nose thread : 25x2.5 mm  
max. clamping length between centres : 125 mm  
Automatic infeed

Full cycle max. 0,4 mm (Roughing, finishing and sparkout)  
adjustable from 30 sec to 25 minutes







