

# 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











