

# 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>	3400.06.326
<b>Year of manufacture</b>	-
<b>Inventory number</b>	1445



## 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  
 External grinding  
 Circular surface grinding  
 Face grinding attachment  
 Automatic work cycle  
 Three-jaw steady rest  
 1 Air turbine quills JS 120 (120'000 t/min.) with collets  
 1 Air turbine quills JS 80 (80'000 t/min.) with collets  
 1 circular magnetic chuck Ø 100 mm, réf. 30  
 Driver plate with revolving belt pully for grinding between dead centres, réf. 40dx  
 New quick lever chucking attachment on the work headstock  
 3 centres W12  
 Set of 24 collets W12  
 Halogen lamp WALDMANN neuve  
 Coolant system (NEW tank + pump )  
 Operating manual

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

