

Universal grinder Tripet MUR 100

State	USED
Category	Grinding machine
Brand	TRIPET
Model	MUR 100
Serial number	113-4921
Year of manufacture	-
Inventory number	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







