

VOUMARD 200

Category Grinding Machine

Made VOUMARD

Type Internal

Model 200

Capacity 4-100 x 230 mm



Technical specifications

WORKING CAPACITY

Centres height 130 mm
Max distance workhead - wheel 740 mm
Cross (X) 100 mm
Max grinding dept 230 mm
Max grinding diameter 100 mm
Max workpiece diameter 230 mm
Longitudinal (Z) 150 mm

WORKPIECE HEAD

Rotating speed 150-1500 Rpm
Tilt +45/-30 °

WHEELHEAD

Spindle power 6-15 Kw
Wheel speed 63.000 Rpm
Notes orientabile -30/+90°

WHEELHEAD

Internal spindle power 6-15 Kw
Internal spindle speed 63000 Rpm
Air cut si

TABLE

Cross speed 0-20.000 mm/min

Total power supply 15 Kw
Machine total weight 3200 Kg
Digital read out (DRO) si
Tooling included vasca filtro, aspiratore, elettromandrino 63000Rpm
Manual dresser Yes
Filtration unit vasca filtro a carta
Mist extractor cosema
Housing integrale con apertura automatica porta
Maintenance & Use books Yes
Electrical drawings Yes
CE Certification Yes
Availability pronta
Available in stock si

Gamba Macchine Srl

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C.F./R.I. 01581570171

REA 248813 BS

C.S. 802.165,00 €

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Where we are

Headquarter and Warehouse 1

Via Artigiani, 32 - 25063

Gardone V.T. Brescia - Italia

Warehouse 2

Via Caduti del lavoro 41, 25030

Coccaglio Brescia - Italia



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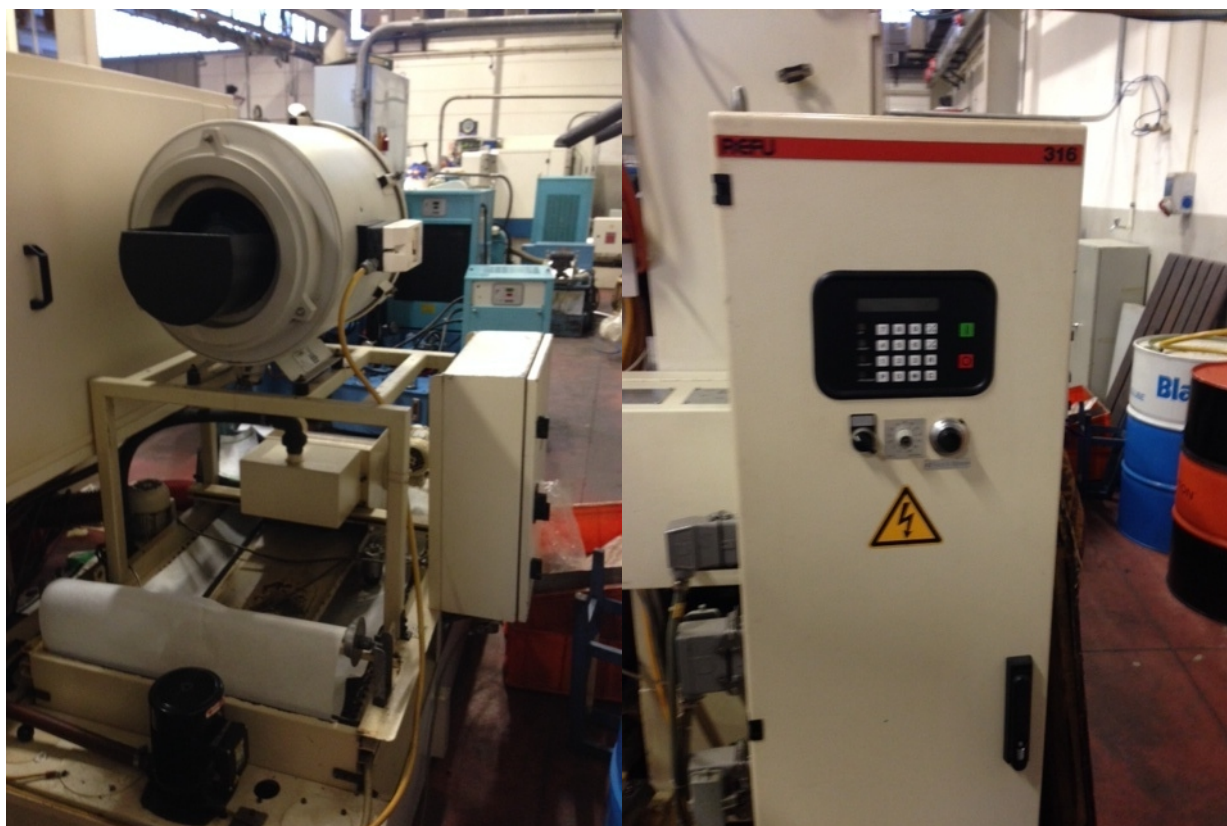
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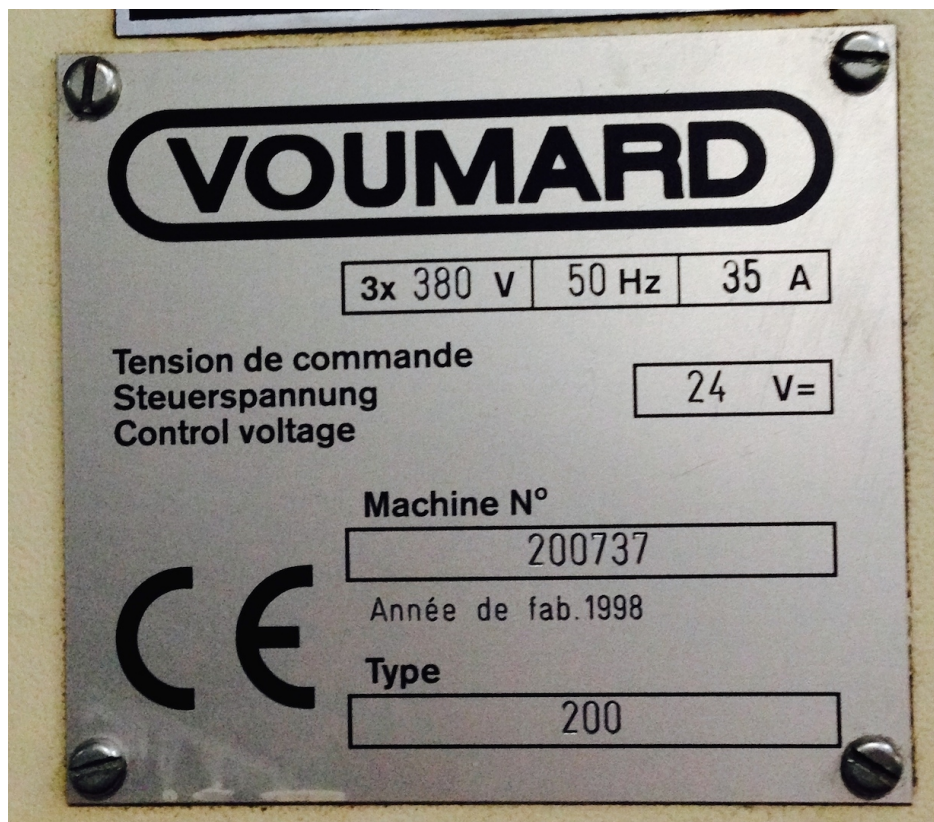
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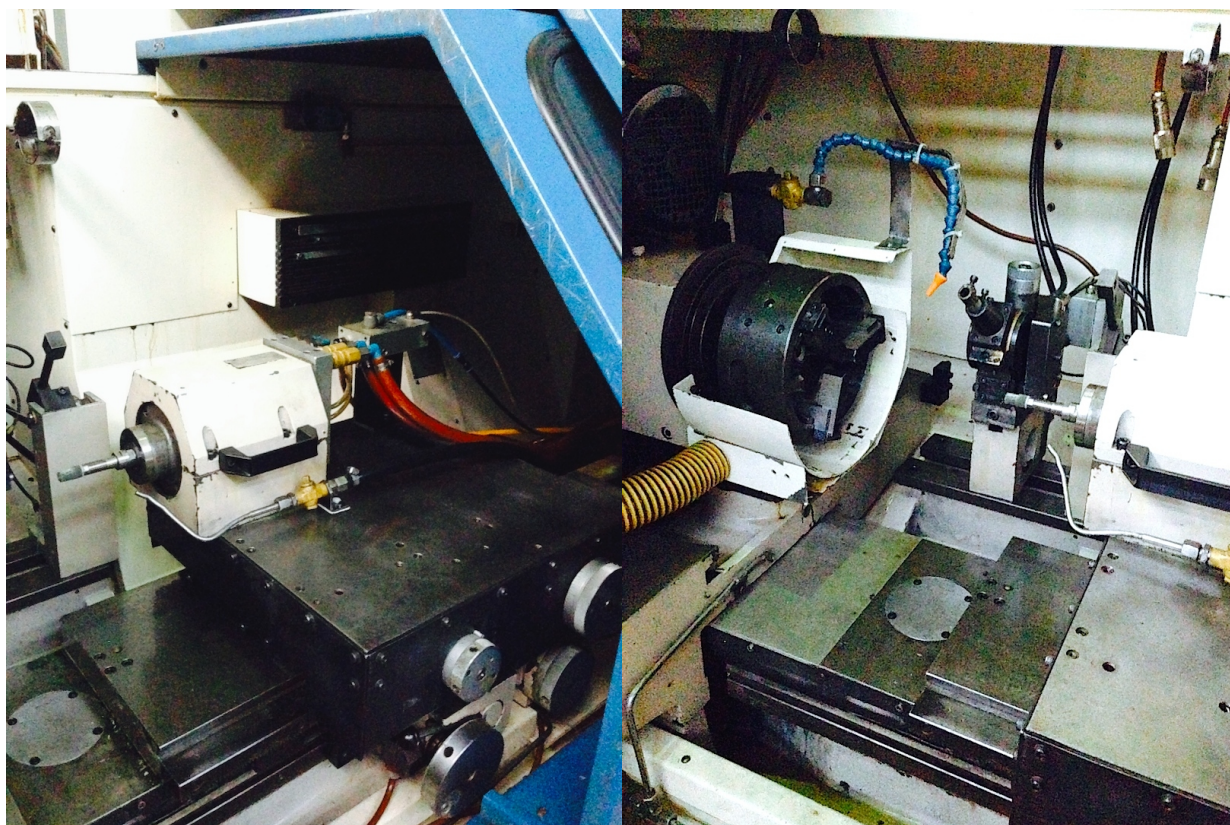
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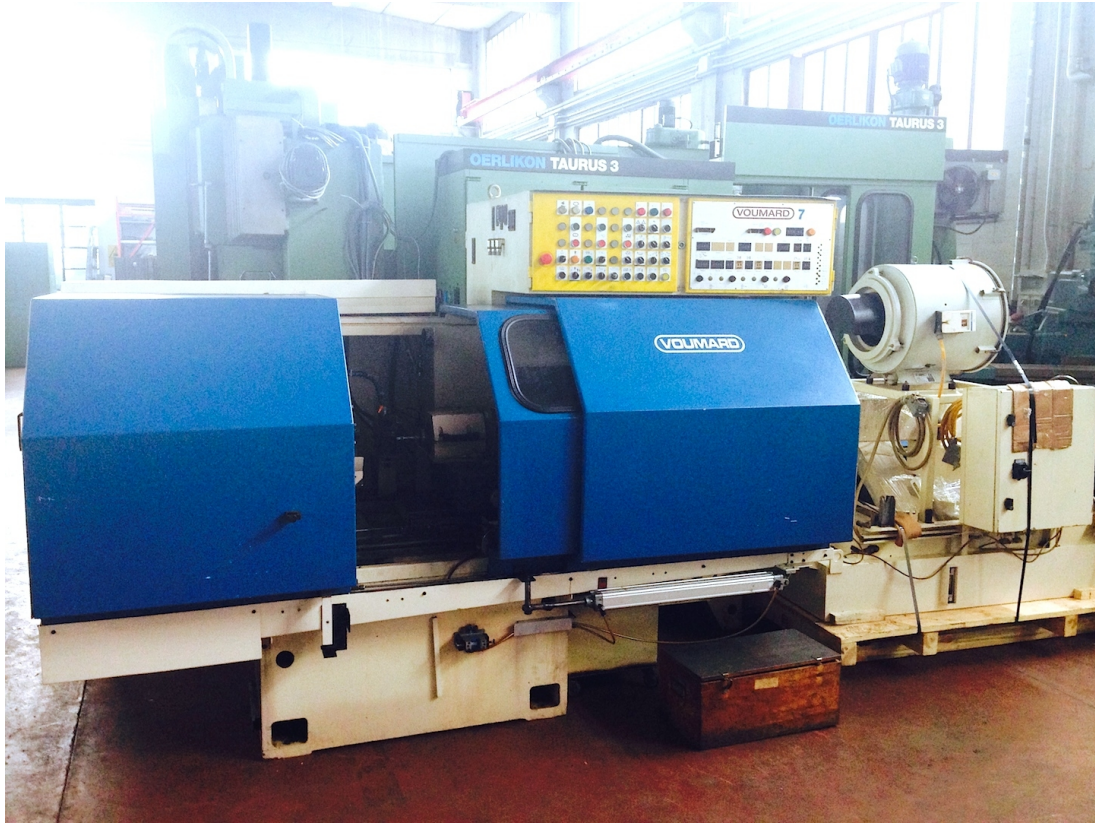
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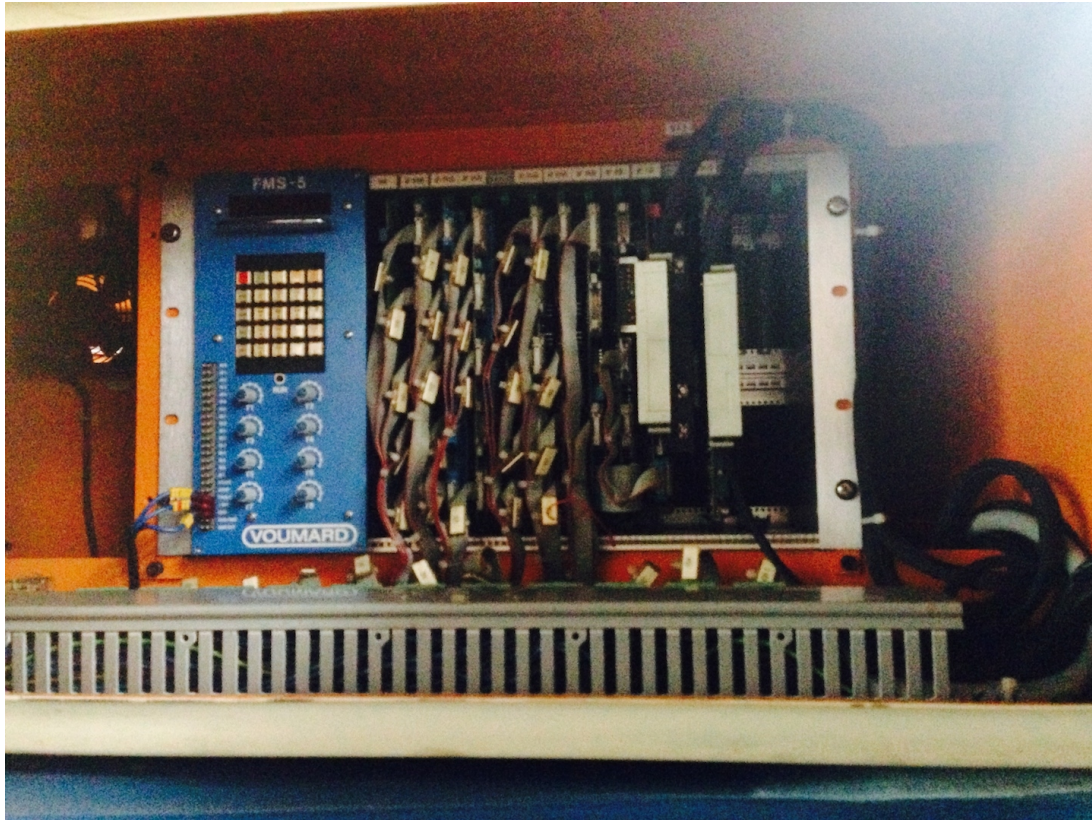
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3. TECHNICAL DATA, SYSTEM 200	
<u>BASIC MACHINE</u>	
- Grinding diameter	up to 100 mm
- Maximum grinding depth, with	
300 mm table traverse	120 mm
550 mm table traverse	230 mm
- Minimum table reciprocation	2 mm
- Reciprocating rate	o ± 300/min
- Traversing table speed	o ± 20m/min
- Longitudinal feed unit displacement, with	
300 mm table traverse	250 mm
550 mm table traverse	350 mm
- Transversal feed unit displacement	100 mm
- Centreheight	
over ground	1055 mm
over traversing table	235 mm
over workhead support	130 mm
- Max. distance between workhead/spindle nose and swivel point	240 mm
with L6 module	540 mm
with L8 module	740 mm
- Workhead swivel, without face grinding attachment	- 30 ° + 90°
with L6 module	- 15 ° + 30°
with L8 module	- 15 ° + 30°
- Standard splash guard swing dia	230 mm
- Bar capacity, with	
standard workhead	30 mm
reinforced workhead	50 mm
- Workhead spindle tool taper, with	
standard workhead	Metric 40
reinforced workhead	Metric 70
- Workspindle speed, with	
standard workhead	150, 300, 500, 1000, 750, 1500 min ⁻¹
(frequency 50 Hz)	
reinforced workhead	140, 280, 435, 870, 560, 1120 min ⁻¹
- Speed range of the grinding spindles	3600 ÷ 120000 min ⁻¹
- Power rating	6 ÷ 15 kW
- Hydraulic pressure	20 bar
- Air supply recommended pressure	5 bar
minimum pressure	3,5 bar
air consumption (1 bar)	18 m ³ /h = 300 l/min
- Approximate net weight	2400 ÷ 3200 kg
- Coolant pressure	1,5 bars
<u>TRANSVERSAL AUTOMATIC FEED UNIT</u>	
- Feed stroke	o ÷ 5 mm
- Stepless feed	
roughing speed rate	o ÷ 9,9 mm min ⁻¹
finishing speed rate	o ÷ 0,9 mm min ⁻¹
- Stepwise feed	
roughing rate at table reversal	o ÷ 0,05 mm
finishing rate at table reversal	o ÷ 0,05 mm
- Wheelwear compensation + traverse feed unit adjustment	40 mm
- Automatic wheelwear compensation, per dressing cycle	o ÷ 0,099 mm
- Quill relief	o ÷ 0,099 mm
- Retraction	o ÷ 8 mm

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<u>WITH F3/F4 MODULE</u>	
- Longitudinale stroke (hydraulic)	200 mm
- Manual setting	50 mm
- Reciprocating rate	60 or 120/min
- Oscillation amplitude	0 ± 20 mm
- Feed stroke	0 ± 10,096 mm
- Retraction	0 ± 8 mm
- Wheelwear compensation (displacement)	40 mm
- Automatic wheelwear compensation, per dressing cycle	0 ± 0,198 mm
- Wheel spindle speed	3000 RPM
motor spindle	
Belt driven spindle	2240-2500-2800 RPM
- Power rating	3 kW
<u>WITH Y MODULE</u>	
- Max. travel of cross slide table	120 mm
- Grinding diameter	up to 150 mm
- Max. distance between workhead/ spindle nose and swivel point with L6 module	90 mm 540 mm
<u>WITH Z MODULE</u>	
- Feed stroke (Roughing + finishing)	0 ± 1,098 mm
- Wheel wear compensation (displacement)	40 mm
- Automatic wheelwear compensation at each dress	0 ± 0,198 mm
<u>WITH GRINDING ATTACHMENTS</u>	
- Travel	40 mm
- Total compensation	20 mm

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