

# VOUMARD 200

**Category** Grinding Machine

**Made** VOUMARD

**Type** Internal

**Model** 200

**Capacity** 4-100 x 230 mm



## Technical specifications

<p><b>WORKING CAPACITY</b></p> <p><b>Centres height</b> 130 mm  <b>Max distance workhead - wheel</b> 740 mm  <b>Cross (X)</b> 100 mm  <b>Max grinding dept</b> 230 mm  <b>Max grinding diameter</b> 100 mm  <b>Max workpiece diameter</b> 230 mm  <b>Longitudinal (Z)</b> 150 mm</p>	<p><b>WHEELHEAD</b></p> <p><b>Spindle power</b> 6-15 Kw  <b>Wheel speed</b> 63.000 Rpm  <b>Notes</b> orientabile -30/+90°</p>	<p><b>TABLE</b></p> <p><b>Cross speed</b> 0-20.000 mm/min</p>
<p><b>WORKPIECE HEAD</b></p> <p><b>Rotating speed</b> 150-1500 Rpm  <b>Tilt</b> +45/-30 °</p>	<p><b>WHEELHEAD</b></p> <p><b>Internal spindle power</b> 6-15 Kw  <b>Internal spindle speed</b> 63000 Rpm  <b>Air cut</b> si</p>	<p><b>Total power supply</b> 15 Kw  <b>Machine total weight</b> 3200 Kg  <b>Digital read out (DRO)</b> si  <b>Tooling included</b> vasca filtro, aspiratore, elettromandrino 63000Rpm  <b>Manual dresser</b> Yes  <b>Filtration unit</b> vasca filtro a carta  <b>Mist extractor</b> cosema  <b>Housing</b> integrale con apertura automatica porta  <b>Maintenance &amp; Use books</b> Yes  <b>Electrical drawings</b> Yes  <b>CE Certification</b> Yes  <b>Availability</b> pronta  <b>Available in stock</b> si</p>

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**C.S.** 802.165,00 €



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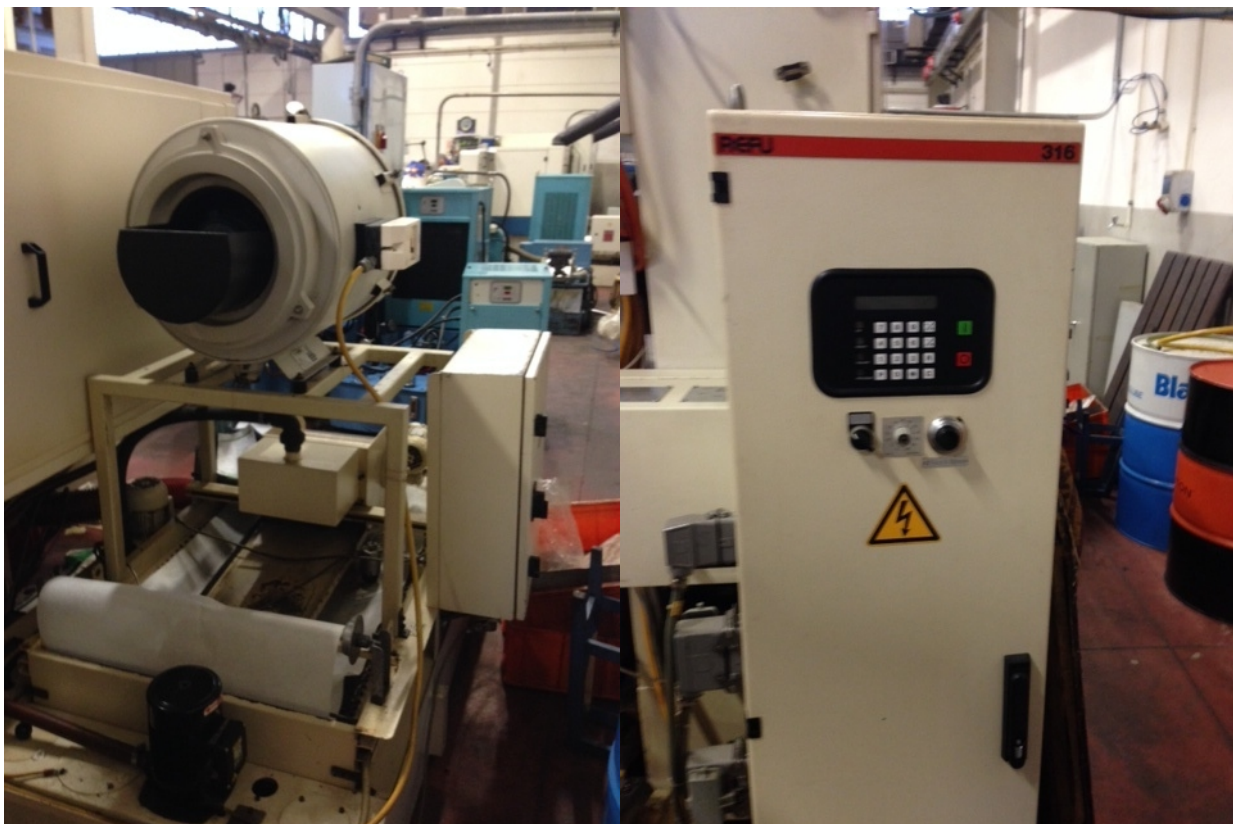
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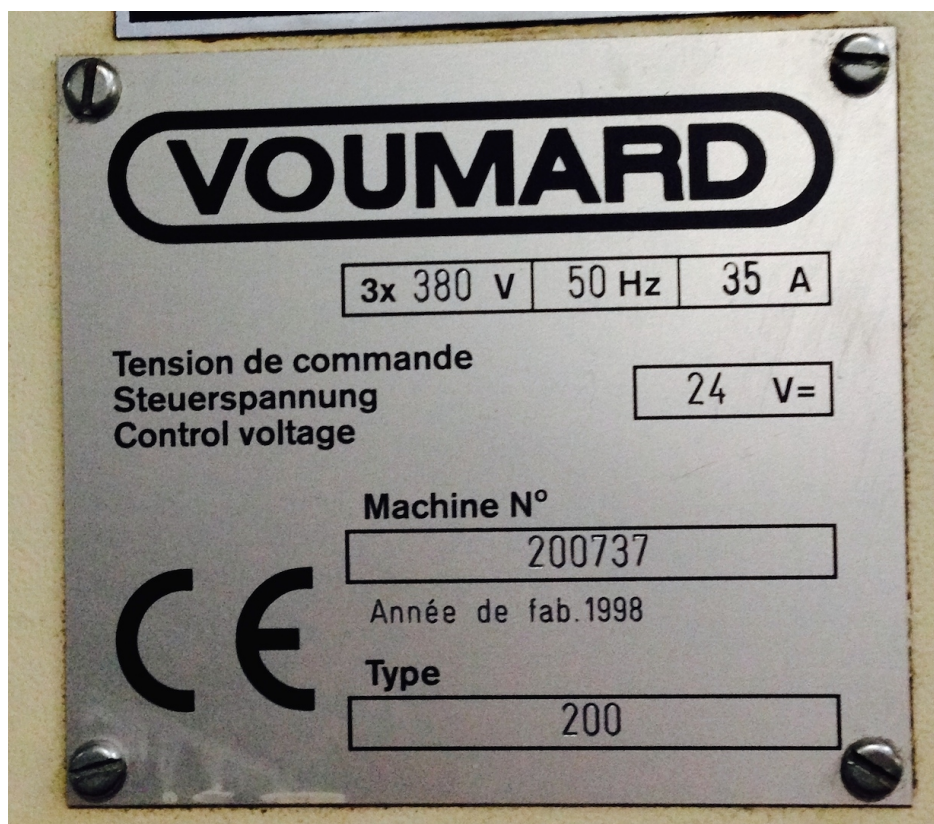
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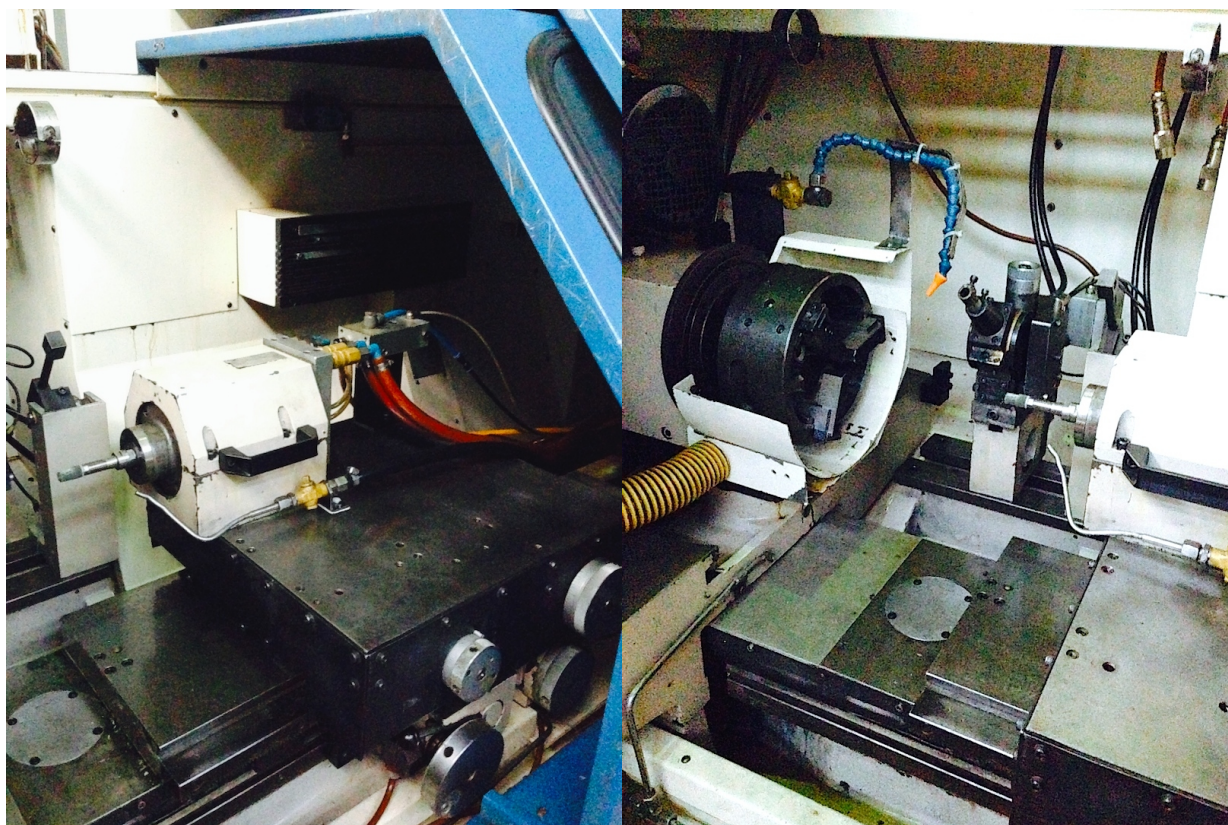
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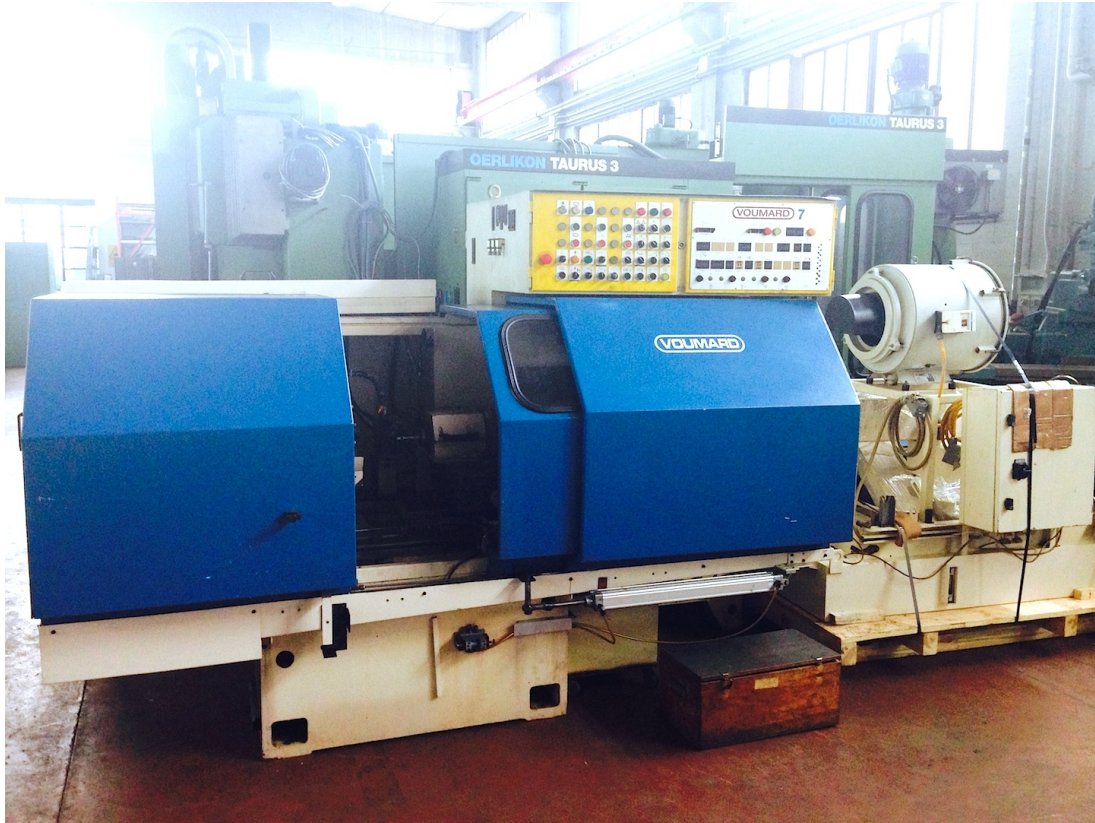
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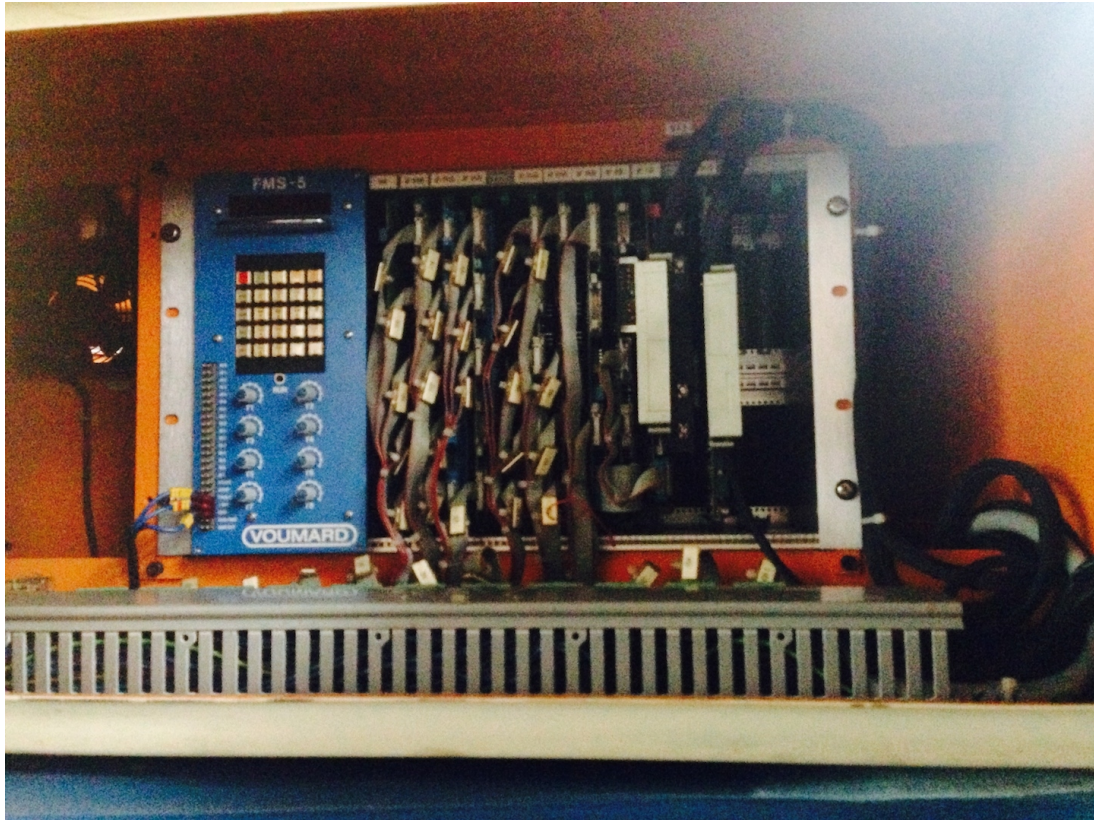
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3. TECHNICAL DATA, SYSTEM 200	
<u>BASIC MACHINE</u>	
- Grinding diameter	up to 100 mm
- Maximum grinding depth, with	
300 mm table traverse	120 mm
550 mm table traverse	230 mm
- Minimum table reciprocation	2 mm
- Reciprocating rate	o ± 300/min
- Traversing 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	Metric 40
standard workhead	Metric 70
reinforced workhead	
- Workspindle speed, with	
standard workhead	150, 300, 500, 1000, 750, 1500 min <sup>-1</sup>
(frequency 50 Hz)	
reinforced workhead	140, 280, 435, 870, 560, 1120 min <sup>-1</sup>
- Speed range of the grinding spindles	3600 ÷ 120000 min <sup>-1</sup>
- 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 <sup>3</sup> /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 <sup>-1</sup>
finishing speed rate	o ÷ 0,9 mm min <sup>-1</sup>
- 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 motor spindle	3000 RPM
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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