

Horizontal Machining Center

Mitsubishi MPA 80A

Table: -

Pallet = 1000 x 1000mm Twin

Index = 360 x 1° min

Loading Capacity = 2000Kg. Max. each Pallet

X-axis Travel = 1500mm

From Spindle Centre = ± 750 mm

Y-axis Travel = 1000mm

Above Table = 0 - 1000mm

Z-axis Travel = 800mm

Between Spindle & Table Centre = 350 - 1150mm

ATC: - 60 Tools Magazine

CNC System: - Fanuc 6M model B

Spindle Nose Taper: - BT-50 (7/24 Taper) JIS B6101 No.50

Speed 20 – 2000 RPM Infinitely Variable



Dashmesh Engineering
Performance Spindles

CNC Turning Center

Miven Warner & Swasey WSU-12

Main Spindle = A2 – 8

Chuck Size = \varnothing 315mm Hollow Hyd. Actuation

Max. Turning Dia between Centers = \varnothing 380mm

Max. Turning Dia Chucking = \varnothing 600mm

Max. Turning Length = 1000mm

Spindle Speed Range = 30 - 3000rpm Infinitely Variable

Spindle Power Rating = 18.5/22 kW

Rapid Traverse = 12 M/min

Turret = 12 Station W & S Drum Type

Tail Stock = MT-4 Programmable

CNC System = Fanuc Oi TA Color Display with AC unit

Steady Rest = \varnothing 30 - \varnothing 150mm Hydraulic Programmable



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CNC Grinding Center

Schaudt PF - 43

Height of centre = 180mm

Centre Distance = 1000mm

Maximum Dia = \varnothing 350mm

Max. Job Length Straight Plunge = 1000mm

Max. Job Length 30° Angular Plunge = 750mm

Table Travel = 1300mm

X-Axis resolution = 0.0005mm

CNC Controller = Siemens 820Ga3

Max. Job Weight = 200 Kgs.

Measuring Probe = SCHAUDT Diatronic

Measuring range = \varnothing 10mm to \varnothing 170mm

Gauging Unit = MARPOSS E5

Wheel Head Swivel = 0 - 180° Programmable 0.001° Min. Increment

Wheel Head Speed = 20 – 45 M/Sec infinitely variable

Work Head Speed = 1 – 1200rpm

Tail Stock Taper = MT – 4 Hydraulic

Wheel Balancing = SBS Hofmann Dynamic On-Line Hydrokompenser hk-5000.

Coolant System = BEDA Paper Band Filter



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Performance Spindles

Vertical Machining Center AMS ACER

Table: -

Table = 1000 x 510mm

Loading Capacity = 500Kg. Max.

X-axis Travel = 800mm

Y-axis Travel = 510mm

Z-axis Travel = 500mm

Distance Between Spindle & Table = 175 - 675mm

4th Axis = UCAM URX-250 Continuous Rotary Table

ATC: - 24 Tools Magazine

CNC System: - Fanuc 0i MF +

Spindle Nose Taper: - BT-40 (7/24 Taper) JIS B6101 No.40

Speed 20 – 6000 RPM Infinitely Variable



Dashmesh Engineering
Performance Spindles

Cyl. Grinding

Matrix GU - 33 x 1650

Height of Centre = 170mm

Centre Distance = 1650mm

Max. Dia = ϕ 330mm

Max. Job Weight = 500 Kgs.

Work Head Taper = MT - 5

Tail Stock Taper = MT - 4 Manual

Table travel = 1800mm

Table angular adjustment = 0 - 8°

Work Head Speed = 14 - 200 rpm infinitely variable

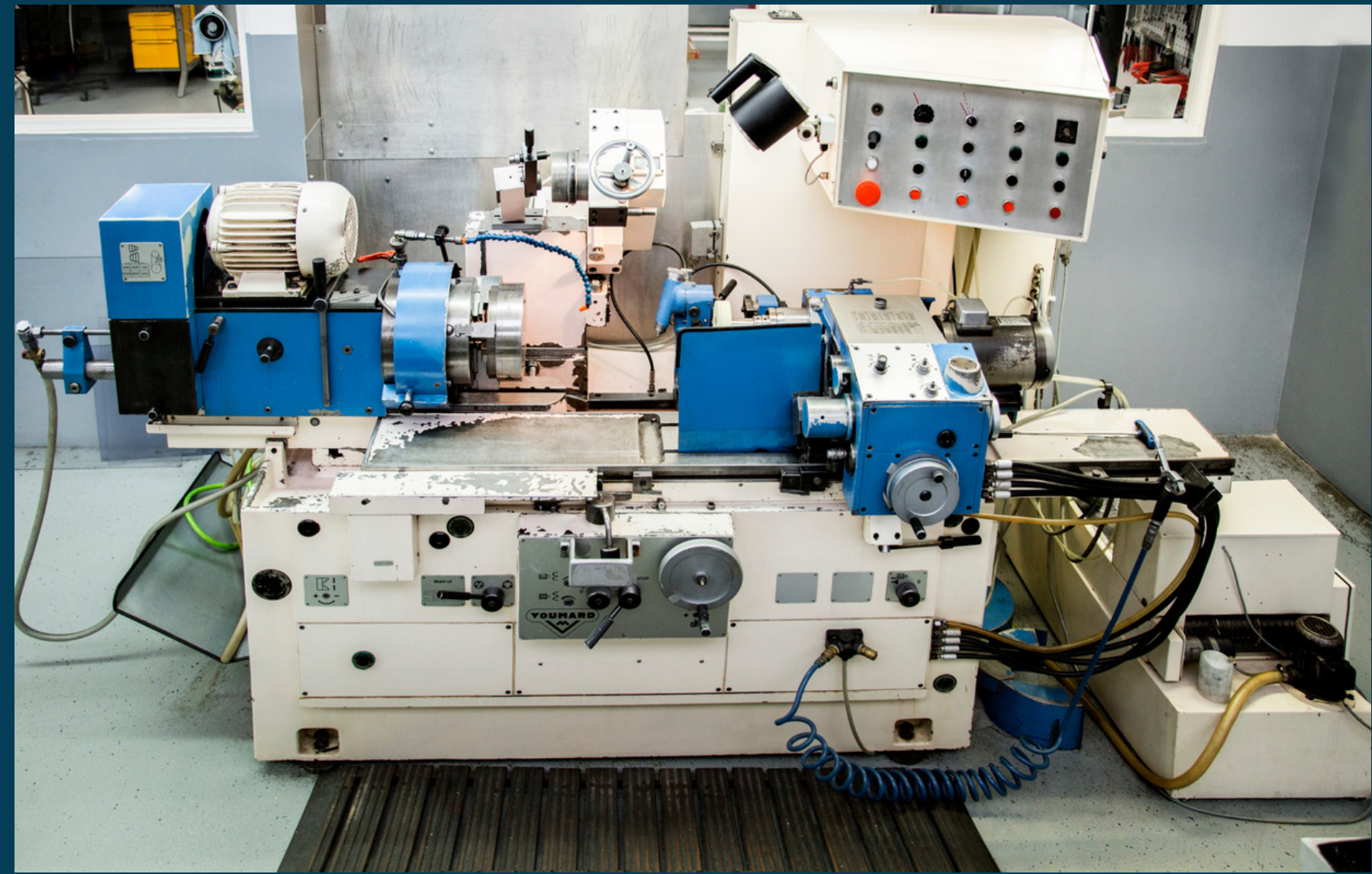
Coolant System = DARENTH Paper Band Filter



Dashmesh Engineering
Performance Spindles

Internal Grinding

VOUMARD - 5A LP 1500



Hole Dia Max / Min = ϕ 200mm / ϕ 5mm

Height of centre = 180mm

Workpiece length = 1500mm Max.

Chuck = Reishauer ϕ 200 RHF-195

Workhead swivel angle with facing attachment = 0 - 25°

Maximum Diameter inside chuck guard = ϕ 300

Diameter of hole in chuck centre = ϕ 50

Workhead spindle taper = 70 metric

Workhead speeds = 1 - 1440 rpm infinitely variable.

Table stroke = 3 - 600mm

Grinding spindle speeds = 3600 - 40,000 rpm



Dashmesh Engineering
Performance Spindles

Cyl. Grinding

SCHAUDT A501-N1000

Height of Centre = 170mm

Centre Distance = 1000mm

Max. Dia = \varnothing 330mm

Max. Job Weight = 300 Kgs.

Work Head Taper = MT - 5

Tail Stock Taper = MT - 4 Hydraulic

Table travel = 1200mm

Table angular adjustment = $+9^{\circ}$ - 6°

Work Head Speed = 14 - 200 rpm infinitely variable

Coolant System = DARENTH Paper Band Filter



Dashmesh Engineering
Performance Spindles

Spline Milling

Rouchaud FH 60CS

Table: -

Table = 1000 x 300mm

Loading Capacity = 500Kg. Max.

X-axis Travel = 600mm

Y-axis Travel = 510mm

Z-axis Travel = 50mm

Distance Between Spindle & Table = 175 - 475mm

4th Axis = Pneumatic Actuated Index Table

Index = 1, 2, 3, 4..... 36.

Programming: - PLC System Matrix Programming

Spindle Nose Taper: - ISO-50 (7/24 Taper) DIN:2080 No.50

Spindle Speed 20 – 600 RPM



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Performance Spindles