

# Engine lathe G-Turn 220/1000

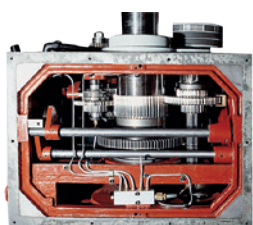


V models with infinitely variable speed control and constant cutting speed



T e c h n i c a l   D a t a s h e e t

- Heavy cast machine bed with strong ribbing helps to minimize vibrations
- Robust overload clutch for protection main spindle
- All guideways are induction hardened and ground
- Transmission gears and shafts of hardened and ground steel special run in oil
- Manual central lubrication.
- 3-post precision bearing main spindle (2-post taper roller bearings, 1-post antifriction bearings)
- Ø 82 mm spindle bore, D1-8 Camlock inclusion



**Infinitely variable speed adjustment**

With inverter:  
3 steps



### Optional configuration:

- Spindle motor with additional power
- 3-jaw chuck (various sizes)
- 4-jaw chuck (various sizes)
- Special bezels
- Guided type centering tips
- Quick change tool system
- Support grinding device
- Rear Tool holder

### Standard configuration:

- ✓ 3-axis position indicator
- ✓ 3-jaw clamping chuck Ø 250 mm
- ✓ 4-jaw clamping chuck Ø300 mm
- ✓ Chucking disc Ø400 mm
- ✓ Stationary and revolving bezel
- ✓ Tailstock
- ✓ Footbrake
- ✓ Coolant system
- ✓ 4-way tool post
- ✓ Rear splashboard
- ✓ Halogen Work lamp
- ✓ Centering tip
- ✓ Reducing sleeve
- ✓ Threading gauge
- ✓ 4-way stop feeding
- ✓ Mounting bolts and machine feet
- ✓ Operating tools and service manual

Technical specifications	G-Turn 220/1500	Technical specifications	G-Turn 220/1500
Swing over bed	Ø440 mm	Quill travel	150 mm
Swing over carriage	Ø272 mm	Tailstock taper	MT 5
Center height	220 mm	Diameter of tailstock quill	Ø65 mm
Center-to-center distance	1000 mm	Whitworth	2-72 TPI (48)
Machine bed width	330 mm	Metric	0.2-14 mm (48)
Swing over bed	660 mm	Diametral	8-60 D.P. (24)
Gap bridge length	300 mm	Modul	0.2-3.5 M.P. (24)
Spindle nose	D1-8 CAMLOCK	No. feeds	36
Spindle bore diameter	Ø86 mm	Longitudinal feed range	0.06-2.00 rev/mm
Spindle taper	MT 5	Transverse feed range	0.03-0.80 rev/mm
Spindle speed steps	12 steps (variable spindle speed with high-middle-low area, V-Typ)	Motorpower	7 kW
Spindle speed range	20-1800 rpm (stepless adjustable spindle speed 10-2000 rpm)	Coolant supply	0.1 kW
carriage cross travel	260 mm	Weight	1900 kg
Toolholder travel	130 mm	Item-No.	<b>1610112</b>
Tool shank dimension	25 mm	item-No. V-Model	<b>1610124</b>

\*The above specifications are subject to change without prior notice, no liability for printing mistakes. Machine may be shown with optional equipment.

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