



HANDY

250 - 280 - 330 - 360

**Protected Longitudinal Guideways
Natural Gap**



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HANDY / Features

Technical Specifications		250	280	330	360
Height of centres	mm	250	280	330	360
Swing over bed	mm	500	560	660	720
Swing over cross slide	mm	310	370	470	530
Swing in gap	mm	680	740	840	900
Distance between centers	mm	1500 - 2200 - 3000			
Bed width	mm	400			
Spindle bore	mm	80	102		
Spindle nose	Camlock	8"			
Number of spindle speeds	N.	16			
Spindle speed range	rpm	18:1500	15:1260		
Main motor power	Kw	7.5 (9.2)		9.2 (11)	
Range of longitudinal feeds	mm/rev	(160) 0.05 - 11.52			
Range of transversal feeds	mm/rev	(160) 0.025 - 5.76			
Range of threads Metric	mm	(62) 0.05 - 112			
Range of threads Whitworth	T.P.I.	(80) 1/4 - 56			
Range of threads Module	mm	(54) 0.25 - 56			
Range of threads Diametral Pitch	DP	(80) 1/2 - 112			
Cross slide travel	mm	360			
Top slide travel	mm	150			
Tailstock quill diameter	mm	80			
Tailstock quill travel	mm	230			
Tailstock quill taper	Morse	5			

Weigth		250	280	330	360
HANDY x 1500	Kg	3400	3500	3700	3900
HANDY x 2200	Kg	3800	3900	4100	4300
HANDY x 3000	Kg	4600	4700	4900	5100

Optional			
Lathe with height of centres		mm	400

HANDY / Equipment

Standard equipment

- **Protected longitudinal guideways**
- **Natural gap**
- **Double mechanical clutch**
- **Electromagnetic brake**
- **Rapid feeds**
- Bed – Legs – Headstock – Tailstock – Carriages made of cast iron
- Bed guideways are induction hardened and ground
- Headstock with induction hardened and ground gears; spindle is assembled on high accuracy bearings
- **Carriages are sliding on antifriction material**
- **Air device on the tailstock to ease the displacement along bed**
- Electric plant with low voltage control panel; it is placed in a suitable airtight cabinet. Make of components is Siemens and/or Schneider
- Spindle reduction sleeve
- 2 Dead centres
- **Safety protections according to EC standards:** plexiglas safety chuck guard with microswitch – turret plexiglas safety guard – **rear protection along full length of the machine** – protection of leadscrew and feed bars – emergency mushroom button
- Chip tank on wheels
- Cooling system with electro-pump
- Central lubrication of guideways with **automatic pump**
- **Steady rest and follow rest**
- Service tools and wrenches – Test certificate – Full electric diagram – Operation and maintenance book – Machine built according EC standards

Optional equipment

- Manual tool holder turret: Squared (4-way tool post) – Quick change turret – Indexing turret – Multifix turret
- 3 or 4 jaw self centering chuck
- 4-jaw independent chuck
- Live centre
- 2 or 3 axis digital readout
- Steady rest with larger Ø than standard one
- 6 position longitudinal stop
- Thread chasing dial
- Work area lighting
- Variable spindle speeds (Inverter)
- Cutting Surface Speed
- Powered small tool post
- Powered displacement of tailstock along bed
- Taper turning attachment
- Grinding equipment
- Levelling and anchoring pads