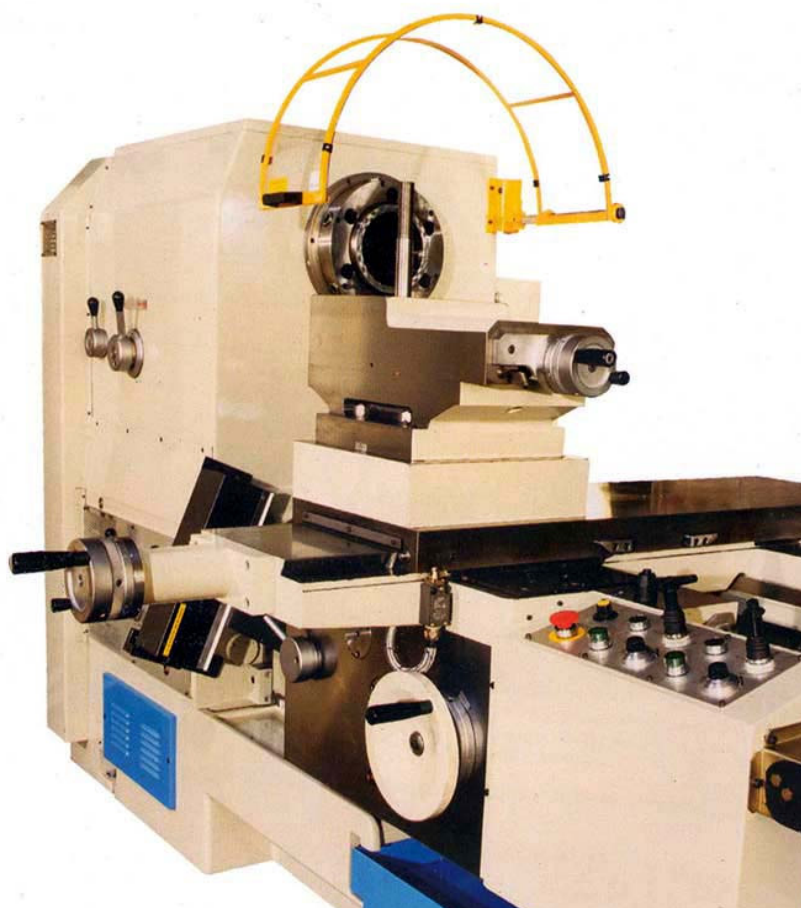




FH 500/600



MAIN FEATURES

HEADSTOCK

Its design ensures stability along with high working precision.

The spindle is big-seized, in special hardened and ground steel, with 11" cam-lock nose, assembled on high-precision ball bearings.

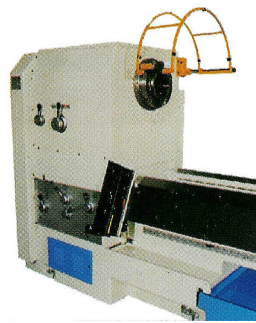
It is operated through a brushless motor and rpm can be adjusted through a potentiometer according to the different requirements of the operator.

Two sets of gear for different power ranges are available.

A lever allows to reverse threading.

A led optical display shows the number of revolutions of the spindle.

The headstock is lubricated through a motor-driven pump.



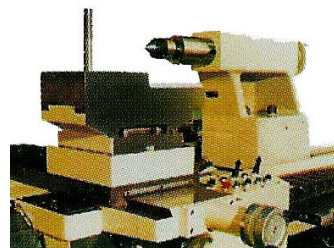
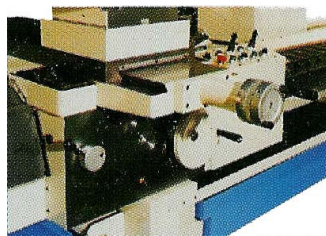
NORTON GEARBOX

Universal type for both meter and inch pitches. Lubrication is pressure type.

APRON

Its design is innovative.

An electronic servomotor allows both longitudinal and cross feeds. An electric selector lever allows feeds and rapid movements in any working direction.



CARRIAGE AND SADDLES

Big-sized and adjustable through tapered gibs. The axial thrust of the screws is offset by means of thrust bearings.

Cross carriage slideways are induction hardened.

BED

Special cast iron with hardened and ground prismatic slideways.

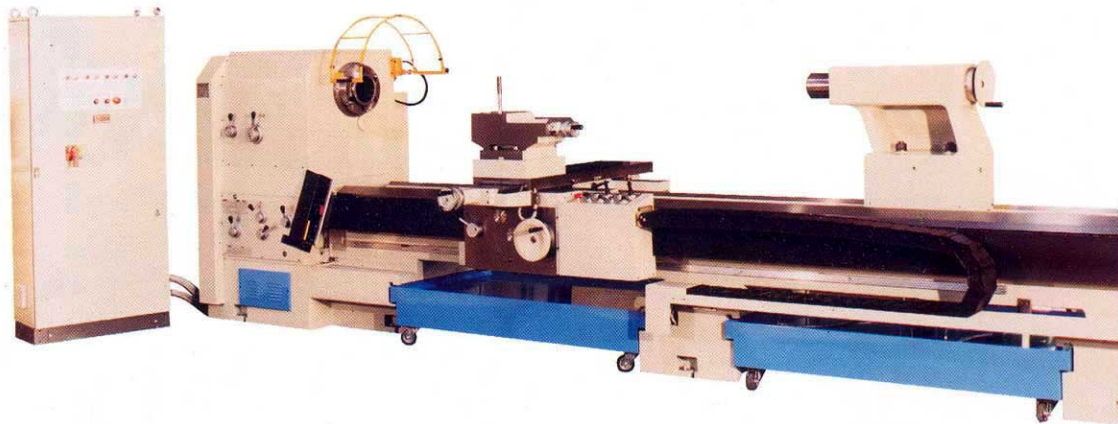
Gap with removable block.

STANDARD EQUIPMENT

Motor and electrical installation with control panel, coolant, steady rest, follow rest, n. 1 spindle reduction sleeve, safety protection for chuck, n.1 set of service wrenches, instructions manual.

SPECIAL EQUIPMENT

4-jaws independent chuck, 3-jaws self centring chuck with back-plate, rear tool post, taper turning device, live centre, quick change tool post, hydraulic copying attachment, lighting installation.



TECHNICAL FEATURES

		FH500	FH600
Height of centres	mm	500	600
Max. swing in gap	mm	1300	1500
Max. swing over bed	mm	1000	1200
Max distance between centres	mm	1500 2000 3000 4000 5000 6000	1500 2000 3000 4000 5000 6000
HEADSTOCK			
Spindle continuous speeds		0-800	0-800
Range of spindle speeds	n	2	2
Spindle bore	mm	156	156
CAMLOCK nose	n	11	11
BED			
Hardened slideways			
Width of bed	mm	570	570
TAILSTOCK			
Sleeve diameter	mm	130	130
Sleeve travel	mm	300	300
Morse taper	mm	6	6
FEEDS AND STANDARD THREADS			
Lead screw diameter	mm	60	60
Lead screw pitch	mm	10	10
Continuous feeds			
Metric pitches	mm	0,5-30	0,5-30
Whitworth pitches	thr./1	1-60	1-60
Power of motor	Kw	17	17
WEIGHT			
Approx. net weight for centre distance 1500	Kg	4500	4900
Approx. net weight for centre distance 2000	Kg	5200	5600
Approx. net weight for centre distance 3000	Kg	6200	6600
Approx. net weight for centre distance 4000	Kg	7200	7600
Approx. net weight for centre distance 5000	Kg	7900	8300
Approx. net weight for centre distance 6000	Kg	8500	8900

Technical specifications are subject to change without notice.

Special machines are available on request, provided that the requested features represent an improvement of the standard features of the machine.



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