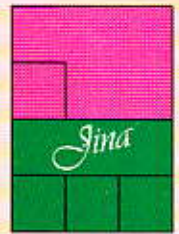
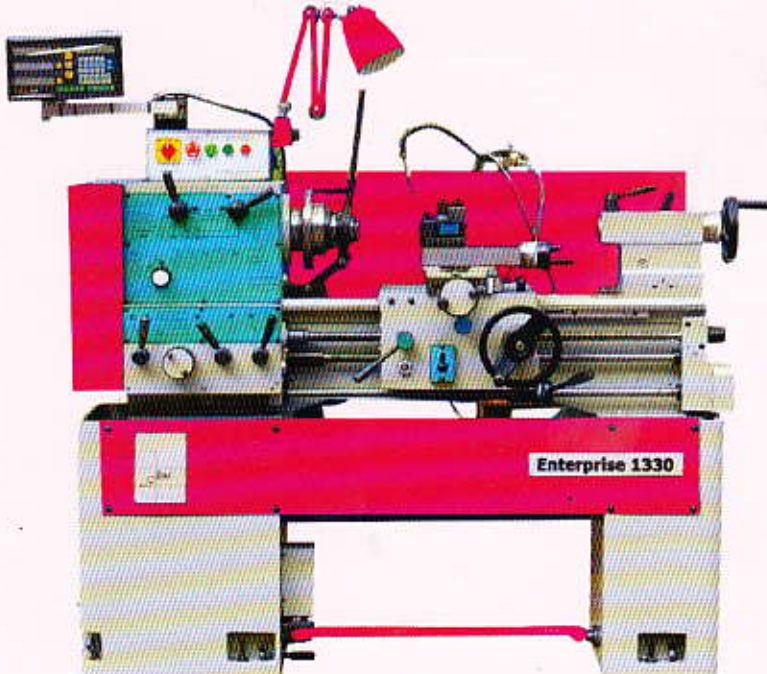


Enterprise

All Geared Head Precision Lathe



ENTERPRISE 1330 : All Geared Head Lathe, comprising of Hardened and Ground Bed, American A2-4 Spindle Nose, R. H. Hand Wheel Apron, Square Tool Post and Electrical item suitable for 415V, 3hp, 50 cycles with 2.2 kw Motor.



Enterprise 1330

Machine Equipped with

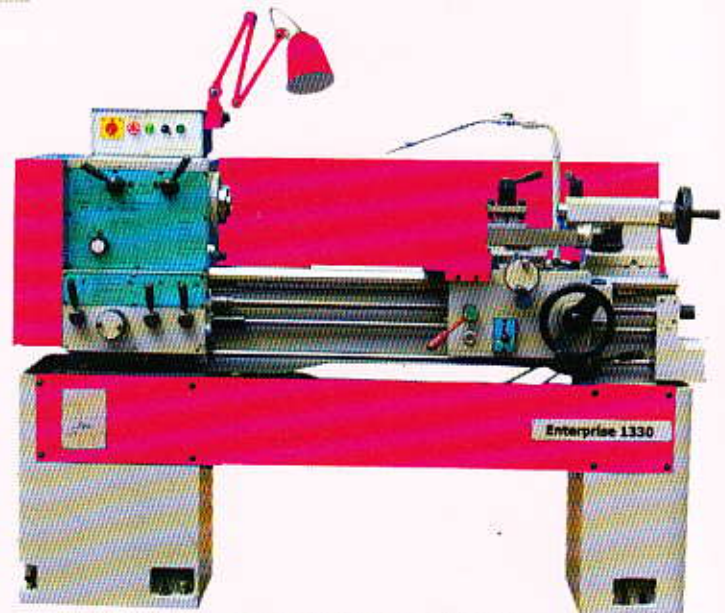
- Dead Centre with Centre Sleeve
- Dead Centre for Tailstock
- Toolkit
- Oil Gun
- Square Tool Post
- Machine Lamp
- Coolant Pump with Cock Equipment
- Thread Dial Indicator
- Dog Plate
- Rear Splash Guard

Salient Features: (For All Models)

- Hardened Ground prismatic guide ways For carriage
- Geared headstock with hardened and ground gears
- Main spindle rigid, accurate, hardened and ground mounted on P5 class Taper Roller Bearings
- Feed box designed for easy selection of wide range of feeds and threads.

Range of Models: Enterprise 1330 Series Lathes

- Model – S 603 St. Bed Centre Height 175mm ABC - 600
- Model - S 803 St. Bed Centre Height 175mm ABC - 800
- Model – G 803 Gap Bed Centre Height 175 mm ABC - 800
- Model – S 1003 St. Bed Centre Height 175 mm ABC - 1000
- Model – G 1003 Gap Bed Centre Height 175 mm ABC - 1000

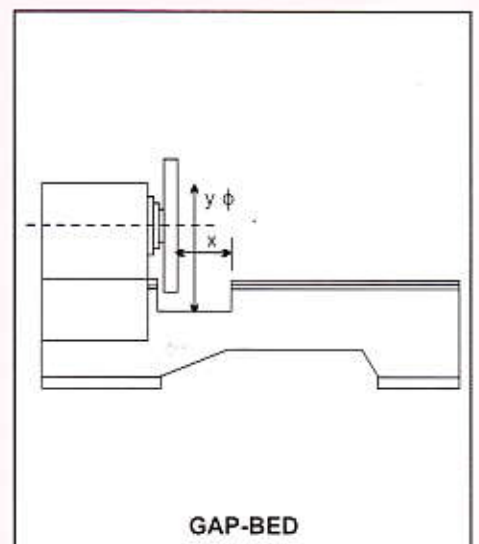
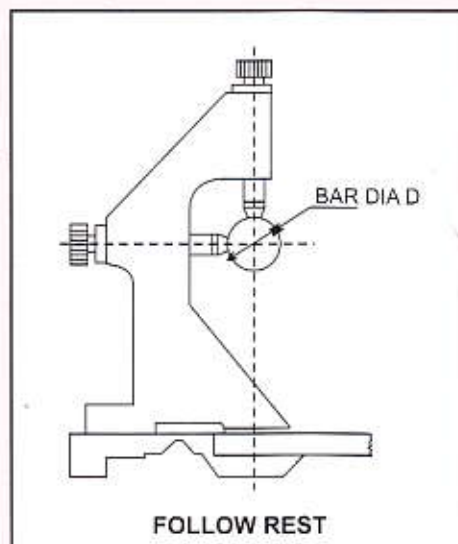
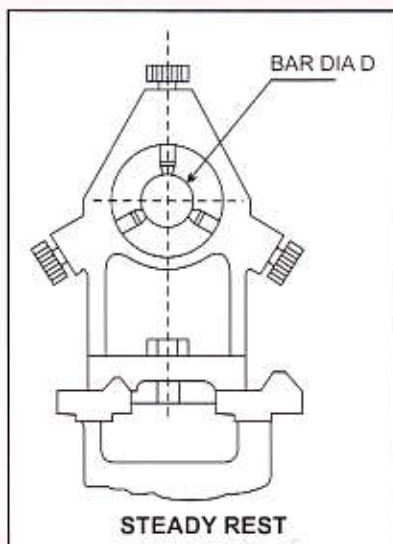


Enterprise 1330

TECHNICAL SPECIFICATION :

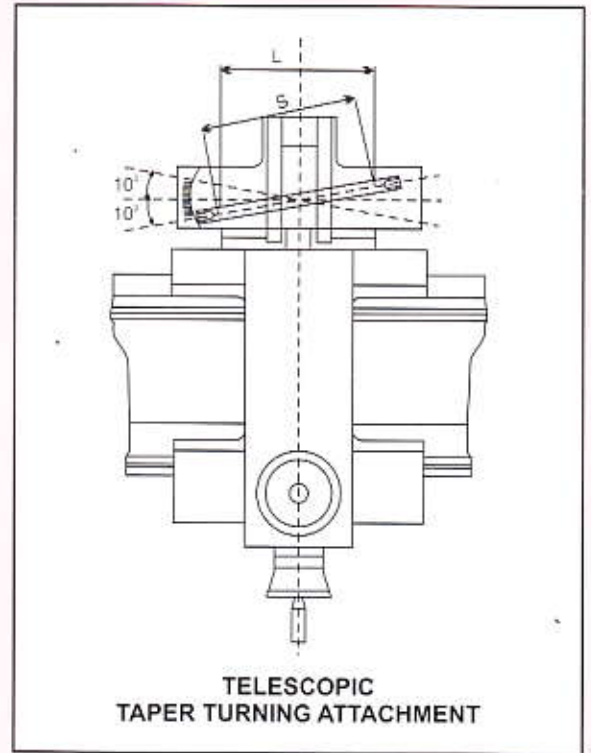
DESCRIPTION	ENTERPRISE 1330	ENTERPRISE 1550	ENTERPRISE 1875
Capacity			
Height of the Centres	175 (7")	200 (8")	235 (9")
Swing over bed	350 (14")	400 (16")	470 (18")
Swing over cross slide	200 (8")	250 (10")	280 (11")
Swing in Gap 'Y φ'	510 (20")	560 (22")	650 (25")
Distance in front of face plate in Gap 'X'	140 (5.5")	140(5.5")	130 (5")
Diameter of face Plate in Gap	510 (20")	510 (20")	560 (22")
Distance between Centres			
ABC 600	600 (24")		
ABC 800	800 (32")	800 (32")	
ABC 1000		1000 (40")	
ABC 1500		1500 (60")	
ABC 1250			1250 (50")
ABC 1650			1650 (66")
ABC 2000			2000 (80")
Cross Slide Travel	185 (7.5")	185 (7.5")	210 (8.5")
Cross Slide Resolution	0.02 mm	0.02 mm	0.02 mm
Bed			
Bed Type	2V, 2 flat	2V, 2 flat	2V, 2 flat
Bed Width	244	244	315
Bed Length			
ABC 600	1458 (5')		
ABC 800	1700 (6')	1700 (6')	
ABC 1000		1900 (6.5')	
ABC 1500		2388 (8')	
ABC 1250			2225(7.5')
ABC 1650			2625 (9')
ABC 2000			2975 (10')
Main Spindle			
Spindle Nose	A2-4	A2-6	A2-6
Spindle Taper Bore	Metric 45	Metric 60	Metric 60
Taper Bore in Centre Sleeve	MT 3	MT 3	MT 4
Spindle Bore	40	55	55
Tail Stock			
Quill Diameter	50	50	60
Taper Bore in Spindle	MT3	MT3	MT4
Quill Travel	140 (5.5")	140 (5.5")	150 (6")
Tool Slide			
Travel Top Slide	100 (4")	100 (4")	125 (5")
Tool Shank Section	20 x 20	25 x 25	25 x 25
Tool Slide Resolution	0.02	0.02	0.02
Lead Screw			
Lead Screw Diameter	25.4	30	30
Pitch	6.0	6.0	6.0

DESCRIPTION	ENTERPRISE 1330	ENTERPRISE 1550	ENTERPRISE 1875
Speeds			
No. of Speeds	8	8	18
Range	71 - 1800	71 - 1600	40 - 2000
Feeds			
No. of Longitudinal Feeds	24	24	48
Range of Feeds	0.04 to 0.63	0.045 to 0.63	0.04 to 2.24
No. of Transverse Feeds	24	24	48
Range of Feeds	0.015 to 0.21	0.015 to 0.21	0.012 to 0.7
Ratio of Transverse Feed to Longitudinal Feeds	1/3	1/3	1/3
Threads			
No. of Metric Threads	24	24	37
Range	0.5 to 7	0.5 to 7	0.25 to 14
No. of inch Threads	24	24	48
Range	56 to 4TPI	56 to 4TPI	112 to 2TPI
No. of Module Threads	24	18	27
Range	0.4 to 3.5	0.25 to 1.75	0.125 to 7
No. of DP Threads	24	18	45
Range	8 to 70	16 to 112	4 to 224
Maximum Weight of Work piece held between Chuck and Tail Stock Centre			
Dead Centre	185	185	315
Live Centre	150	150	250
Electricals			
Main Motor	2.2 Kw (3HP)	3.7 Kw (5HP)	5.5 Kw (7.5HP)
Power Supply	415V 3 Phase 50 cycles	415V 3 Phase 50 cycles	415V 3 Phase 50 cycles
Coolant Tank Capacity	A/C supply 20 Ltrs	A/C supply 20 Ltrs	A/C supply 30 Ltrs
Weight (Approximately)			
ABC 600	650 kg		
ABC 800	850 kg		
ABC 1000		1000 kg	
ABC 1500		1550 kg	
ABC 1250			1550 kg
ABC 1650			1750 kg
ABC 2000			2000 kg

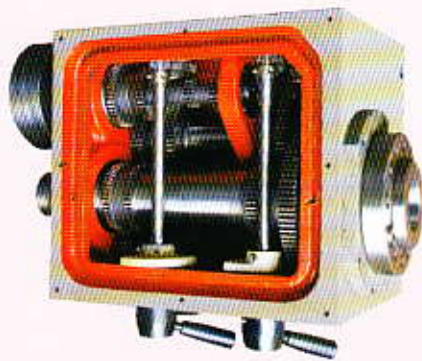


TECHNICAL SPECIFICATION :

DESCRIPTION		ENTERPRISE 1330	ENTERPRISE 1550	ENTERPRISE 1875
Floor Space				
L x B	600 ABC	1800 x 850 (6' x 3')		
	800 ABC	2000 x 850 (6.5' x 3')		
	1000 ABC		2200 x 850 (7.5' x 3')	
	1500 ABC		2700 x 850 (9' x 3')	
	1250 ABC			2520 x 950 (8.5' x 3.5')
	1650 ABC			2920 x 950 (10' x 3.5')
	2000 ABC			3290 x 950 (11' x 3.5')
Capacity of Steady Rest Bar Dia 'D'				
Pad Type	Minimum Dia	10 (0.5")	10 (0.5")	10 (0.5")
	Maximum Dia	100 (4")	100 (4")	125 (5")
Roller Type	Minimum Dia	10 (0.5")	10 (0.5")	10 (0.5")
	Maximum Dia	75 (3")	75 (3")	100 (4")
Capacity of Follow Rest Bar Dia 'D'				
Pad Type	Minimum Dia	10 (0.5")	10 (0.5")	10 (0.5")
	Maximum Dia	100 (4")	100 (4")	100 (4")
Roller Type	Minimum Dia	10 (0.5")	10 (0.5")	10 (0.5")
	Maximum Dia	75 (3")	75 (3")	75 (3")
Capacity of taper Turning Attachment				
	Maximum Taper Angle on either side	10°	10°	10°
	Stroke 'S'	175 (7")	175 (7")	300 (12")
	Maximum Turning Length 'L'	125 (5")	125 (5")	240 (10")



Specification and design characteristics are subject to change without prior notice. Please visit our website for latest updates.



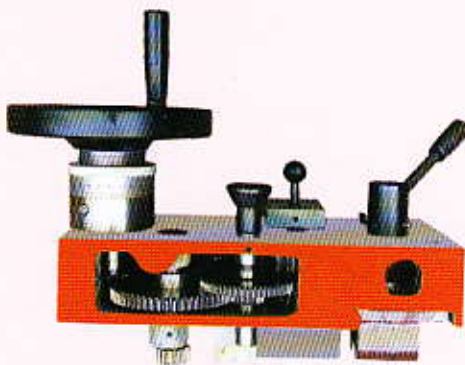
HEAD STOCK (Enterprise1330 & 1550)

(Designed to give 8 speeds with Hardened & Ground gears)



FEED BOX (Enterprise1330 & 1550)

(Designed to give more Threading & Feed options with induction Hardened & Toughened gears)

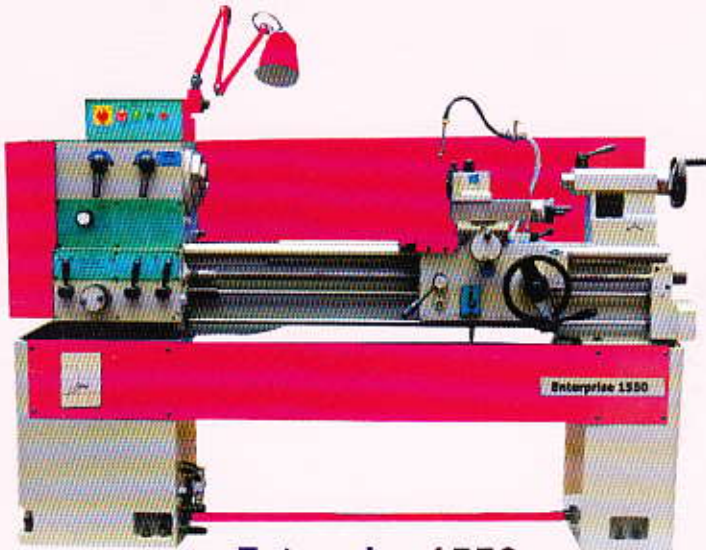
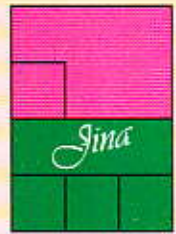


APRON (Enterprise1330 & 1550)

Designed for easy engage & disengage with overload tripping arrangements

Enterprise

All Geared Head Precision Lathe



Enterprise 1550

ENTERPRISE 1550 : All Geared Head Lathe, comprising of Hardened and Ground Bed, American A2-6 Spindle Nose, R.H. Hand Wheel Apron, Square Tool Post and Electrical item suitable for 415V, 5hp, 50 cycles with 3.7 kw Motor.

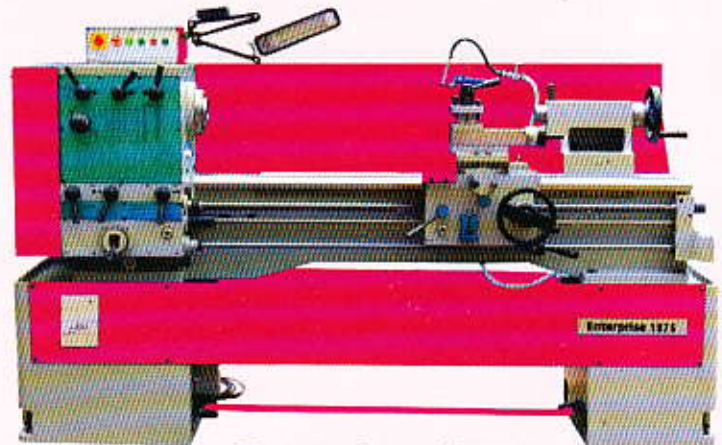
Range of Models : Enterprise 1550 Series Lathes

- Model : S 805 Bed Centre Height 200mm ABC-800
- Model : G 805 Gap Bed Centre Height 200mm ABC-800
- Model : S 1005 St. Bed Centre Height 200mm ABC-1000
- Model : G 1005 Gap Bed Centre Height 200mm ABC-1000
- Model : S 1505 St. Bed Centre Height 200mm ABC-1500
- Model : G 1505 Gap Bed Centre Height 200mm ABC-1500

**Machine Equipped with:
(Enterprise 1550 & Enterprise 1875)**

- Dead Centre with Centre Sleeve
- Dead Centre for Tailstock
- Tool Kit
- Oil Gun
- Square Tool Post
- Machine Lamp
- Coolant Pump with cock Equipment
- Maintained Contact Shaft for Spindle Operating
- Thread Dial Indicator
- Dog Plate
- Electro Magnetic Brake with Foot Pedal

ENTERPRISE 1875 : All Geared Head Lathe, comprising of Hardened and Ground Bed, American A2-6 Spindle Nose, R.H. Hand Wheel Apron, Square Tool Post and Electrical item suitable for 415V, 7.5hp, 50 cycles with 5.5 kw Motor.



Enterprise 1875

Range Models : Enterprise 1875 Series Lathes

- Model - S 1257 St. Bed Centre Height 235 mm ABC-1250
- Model - G 1257 Gap Bed Centre Height 235 mm ABC-1250
- Model - S 1657 St. Bed Centre Height 235 mm ABC-1650
- Model - G 1657 Gap Bed Centre Height 235 mm ABC-1650
- Model - S 2007 St. Bed Centre Height 235 mm ABC-2000
- Model - G 2007 Gap Bed Centre Height 235 mm ABC-2000

JINA MACHINE TOOLS

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