



**ABHIJAT**  
EQUIPMENTS PVT. LTD.

## SINGLE SPINDLE AUTOMATIC LATHE



- ➔ Accuracy
- ➔ Repeatability
- ➔ Maintenance free

**Models:**  
AL-15, AL-25, AL-32, AL-42, AL-60

**Deluxe Models:**  
AL-15 Dlx, AL-25 Dlx, AL-32 Dlx

Abhijat Automats are highly precise, robust and cost effective machines. These Machines find application in Automobile, Electronics, Bicycles, Diesel Engines, Radioes, Electrical, Textile and General Engineering Industries, for economic mass production of turned Components.

- Features of Deluxe Models:**
- Heat Treated Slides
  - Swing Stop with Micro Adjustable Thimble
  - Needle Roller Bearings for Cam Shafts
  - Silent Bar Feed
  - Dual Colour

Export to **Africa** **Bangladesh** **Europe** **Soudi Arabia** .....

*We don't only sell machines, we also build relationship.*



# OUR QUALITY PRODUCTS NOW TOUCHING NEW HORIZONS WORLD WIDE...

## Machine Construction

**Pedestal :** The pedestal (machine base) is a rigid fabricated Construction, properly stress relieved to ensure Precision & vibration-free machining of Components with Superior finish.

**Spindle :** The spindle is manufactured from alloy steel, accurately machined, carefully hardened & precision ground including threads. The Spindle, is mounted in Precision Imported Bearings in the front & precision deep groove ball bearing in the rear.

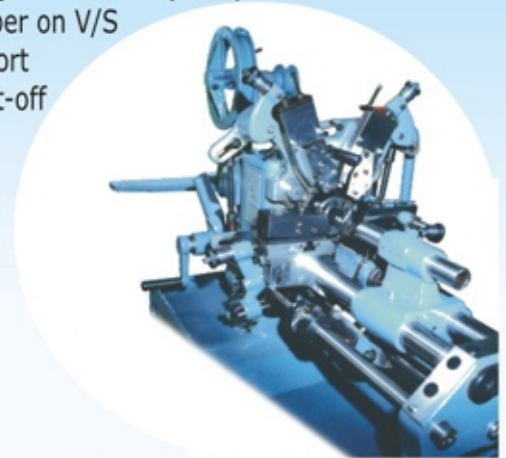
## Standard Equipments

- Front & Rear Cross-Slide
- Bar Stop
- Electrical Drive Motors
- Electrical Coolant Pump
- Bar Feed Attachment
- Set of Change Gears
- Tail Stock
- Drum cam
- Front & Rear Sheet Metal Splash Guards
- Hand Crank
- Tool kit



## Extra Accessories

- Double Vertical Slide / Single Vertical Slide
- Micro-Processor Piece Counter cum Tool life Indicator
- Long Turning Attachment (front)
- Swing Stopper on V/S
- Swing Support
- Electric Shut-off



SINGLE SPINDLE AUTOMATIC LATHE			MODELS				
Technical Specifications			AL-15	AL-25	AL-32	AL-42	AL-60
<b>CAPACITY</b>	SPINDLE CAPACITY ROUND	UPTO mm	15	25	32	42	60
	HEXAGAONAL	UPTO mm	12 A/F	22 A/F	28 A/F	36 A/F	52 A/F
	SQUARE	UPTO mm	10 A/F	18 A/F	22 A/F	29 A/F	42 A/F
	MAIN SPINDLE SPEEDS	RPM	900-6500	550-4000	275-2200	200-2500	200-2500
	ADJUSTABLE PRODUCTION RATE	PCS/HR.	28-2100	28-2100	28-2100	12-1245	12-1245
	DISTANCE COLLET-TAILSTOCK	UPTO mm	240	240	240	340	340
	LONG TURNING LENGTH	UPTO mm	70	70	70	100	100
<b>COOLANT EQUIPMENT</b>	COOLANT CONTAINER	LTR	32	32	32	75	75
	COOLANT MOTOR POWER	Kw	0.1	0.1	0.1	0.18	0.18
	COOLANT MOTOR SPEED	RPM	2800	2800	2800	3000	3000
<b>DRIVE MOTORS</b>	MAIN SPINDLE MOTOR POWER	KW	1.2/1.6	1.2/1.6	1.2/1.6	2.2/2.8	2.2/2.8
	MAIN SPINDLE MOTOR SPEED	RPM	1500-3000	1500-3000	750-1500	750-1500	750-1500
	FEED MOTOR POWER	KW	0.37	0.37	0.37	0.55	0.55
	FEED MOTOR SPEED	RPM	1500	1500	1500	750	750
<b>DIMENSIONS AND WEIGHTS</b>	NET WEIGHT	KGS	530	530	575	1200	1250
	GROSS WEIGHT	KGS	650	650	700	1450	1500
	FLOOR SPACE WITHOUT BAR FEED	MTR	0.56 X 1.1	0.56 X 1.1	0.66 X 1.1	0.8 X 1.7	0.8 X 1.7

OUR OTHER PRODUCTS : 1) CNC Turning Center for 42 mm Bar Capacity 2) Second Operation Turret Lathe STL-25, STL-32, STL-42

Note: We reserve the right to modify specifications in accordance with improved designs.



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### REGD. OFFICE & WORKS

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Authorised Dealer :



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