

# ARROW AUTOMATS YOUR VERSATILE PARTNER

- ❖ Priced Economically
- ❖ Consistent Accuracy & Proven Quality
- ❖ Easy Interchangeability & Repeatability
- ❖ Cuts - Downtime & Maintenance Costs
- ❖ High Precision Components to be Turned for Mass Production



Model: Arrow 42&60

Model: Arrow 42&60

ARROW SINGLE SPINDLE AUTOMATS

Arrow Automats are ideal Machine for Manufacturing components of Simple, complex & precision from Ferrous, non-ferrous material of rounds, square & hexagonal shapes. These components can be completely machined with minimum setup and consistent quality can be achieved with minimum investment. Now Arrow Automats widely accepted by more than 700 customers throughout India and also abroad.

### SPECIAL FEATURES

**CABINET** : M.S. Strong 16mm Steel Fabricated structure duly reinforced to avoid vibration, and its precisely machined to maintain accuracy.

**SPINDLE** : Main Spindle is made of case hardened steel from forgings and precisely hardened and ground to maintain 5 micron accuracy. All threads are thread grounded. Imported bearings are used in spindle assembly.

**GUIDE SHAFTS** : These shafts are duly hardened & ground and hardchrome done for increased life.

**VERTICAL SLIDES & CROSS SLIDES** : All moving slides are made of Spheroid Graphite Iron, and machined & scrapped to avoid frequent wear & tear.

**BARFEED SYSTEM** : Specially designed Silent barfeed system with weight operated provided for smooth running and to avoid noise.

**ELECTRICALS** : All electricals are reputed make and free from maintenance.

### SPECIFICATIONS

	ARROW 42	ARROW 60
<b>Max Bar Capacity:</b>		
Round	42mm	60mm
Hexagon	36mm	52mm
Square	29mm	42mm
Cross Slide Stroke	28mm	32mm
Max Turning Length with L.T. Slide	100mm	100mm
Max Tail Stock Travel	150mm	150mm
Max Capacity of Tail Stock Collet	22mm	22mm
Spindle Speeds (12 Steps)	200 to 2500 RPM	200 to 2500 RPM
Production Rate	12 to 1245 Pcs/Hr	12 to 1245 Pcs/Hr
Work Spindle Motor	2.7 / 3.5 Hp	2.7 / 3.5 Hp
Feed Drive Motor	0.75 / 1 Hp	0.75 / 1 Hp
Net Weight (Approx)	1200 Kg's	1300 Kg's
Packing Dimension (in mm)	1900 x 1000 x 1800	1900 x 1000 x 1800

### STANDARD ACCESSORIES

Double Vertical Slide Attachment  
Tail Stock Attachment  
Automatic electric shut-off  
Machine Lamp  
Motors & Std Electricals  
Cross Slide Attachment  
Straight Arm Stopper  
Single Open Tool holders Front & Rear  
Silent barfeed attachment  
Conversion Kit

### OPTIONAL ACCESSORIES

Hand Chucking Attachment  
Long Turning Slide Attachment Front  
Step Turning Tool Holder  
Pneumatic Clamping with pedal operation

Note : The Company Reserves the right to change specification without prior information as design is constantly improved

Manufactured by



**ARROW MACHINE TOOLS**

New No. 18, Old No.1, Balaji Nagar, Ambattur,  
Chennai - 600 053., Tamil Nadu, India.

Phone : 91-044-26580059/26582694

Fax : 91-044-26586524, E-mail : arrowmt@rediffmail.com

Website : www.arrowmachinetool.com

Distributed by: