

## **Supernova – 3000** **(Double Head Centreless Polishing Machine)**

This center less polishing machine is an import substitute boasting of international features and comes with one or more working heads and is perhaps the most well designed polishing machine suitable for cylindrical surfaces of steel, stainless steel alloys, Resin or any other material so long as it is bar or tube shaped.

The rigid built of the machine ensures vibration free polishing. It uses flap wheels, the latest in polishing technology, and gives extremely good finish requiring no further processing. The motorized wheel head unit moves on guide ways to accommodate reduction in diameter of the flap wheels. The control wheel head is driven by synthetic oil bath lubricated Italian GEAR BOXES which are maintenance free and have a very long life. The tilting Control Wheel head allows variable advancement speed. The units come with optional dust extraction facility.





<b>SPECIFICATIONS</b>	
<b>Capacity</b>	75 mm O.D Tube
<b>Flap wheels Size</b>	350 X 180 X 50 2 Nos. / unit.
<b>Electricals</b>	3.5 KW / 5 H.P 1400 RPM 3 Phase wheel head Motor / unit. 0.35 KW /.5 HP1400 RPM 3 Phase control wheel Motor / Unit.
<b>Machine Dimensions</b>	1300 x 1100 x 1500mm.
<b>Gross Weight</b>	740 Kgs
<b>Distance between Centers</b>	750mm

### **Technical Appraisal Supernova-3000**

(Double Head Centreless Tube Polishing Machine)

S.No.	DESCRIPTION	Qty.	Price	
1.	<b>Supernova – 3000</b> <i>(Double Head Center less polishing Machine.)</i>	1	Rs.	2,90,000.00
2.	16 Sets of Feed Double Rollers for 5 mtr Feed <i>(S.H/D.H)</i>	2	Rs.	48,000.00
3.	<b>Note:-Dust Collector To be arranged by the buyer</b>			

### **FEATURES**

- Polishes cylindrical surfaces of steels, stainless steel & Alloys.
- Requires no further pre plating process or finish.
- #3 finish to #8 finish possible in single pass.
- Rigid built.
- Wider polishing face [100mm each head].
- No special skills required for Machine operation.
- Rapid Adjustments possible in all planes.
- Allows Variable Advancement speed of the component.
- Rapid change of size possible.
- The machines with Multiple heads have unique feature of single point synchronization of Feed control Units.
- The Tube feed system is also synchronized for single point control for up and down movement.



### **STANDARD ACCESSORIES**

1. One Set of Keys and Main Nut spanner.
2. Electricals complete with wiring suitable for 415 V 50 c\s 3 phase supply.
3. Standard color Casablanca white/ orange.

### **SCOPE OF WORK**

1. Basic machine complete with electrical.
2. Tooling whatever ordered.
3. Training, Inspection and trial at our end.

### **NOT INCLUDED IN OUR SCOPE OF WORKS.**

1. Tooling that is not ordered.
2. Civil installation at your end.
3. Any other feature not mentioned above.

### **TERMS & CONDITIONS**

<b>RATES</b>	:	Ex-Works
<b>PACKING</b>	:	At Actuals
<b>TAXES</b>	:	18% GST/IGST As Applicable.
<b>PAYMENT</b>	:	40% advance and balance at the time of delivery.
<b>DELIVERY</b>	:	45 Days after the confirmation of order.



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