

# DIAMOND POLISHING BENCH

ETS 750D Auto

ELITE TECHNO  
SYSTEM SURAT,INDIA

**ISO 9001:2015**



IndiaMART Certification  
Trust Seal Verified



IndiaMART Verified Exporter

**CE**

### Polishing Arm details:

- Polishing arm can make 16 Pavilion Facets & 8 Crown Facets
- can polish a wide range of diamonds, including CVD-HPHT ranging from 0.10 Ct. to 20 Ct., 100 % Automatic
- Exceptional Cut Quality and Symmetry
- Real-time Cutting Load Feedback
- Optimized Feed Rates
- Customizable Settings
- Efficient Production Rates
- Weight: 8.5kg
- Two / Four Polishing arm can be operate on single bench.
- Dimension: 390 X 230 X 300 mm (L X W X H)



### **Bench features:**

- 1) Highly Aesthetic Look With User Friendly Design.
- 2) Four polishing arm fitting design.
- 3) All Components Machined On CNC Turning And Milling Machine To Achieve Best Accuracies On All Dimensions.
- 4) Extreme Rotational Accuracy.
- 5) Stable, Vibration Free, Soundless And Efficient Electric Motor.
- 6) 90 Frame Motor Body Ensures Long Life Of Electric Motor.
- 7) Electric Motors Designed With Two Super Precision Ceramic Angular Contact Bearings To Take Axial And Radial Load.
- 8) The Shaft And Drive Rotor Is Dynamically Balanced To Gyroscopic Level Of rotational Accuracy.
- 9) Easy Leveling Arrangement In The Table Legs With Base Mounting Pad.
- 10) Under Bench Dust Collection Filter Is Available.
- 11) Bench Size: 30 " W X 30 " L X 39 " H
- 13) Bench Height : 39" (Adjustable )
- 14) Total Weight of The Machine: 450 Kg (With Motor).
- 15) Sealed For Life To Give Many Years Service.

### **Motor Spindle details:**

- ❖ Power : 0.75 Hp
- ❖ Scaife Nose : 50 mm.
- ❖ Voltage : 440 V
- ❖ Max. Current : 1.40 amp
- ❖ Cont. Current : 0.8 To 1 Amp
- ❖ Phase : 3 Phase
- ❖ Frequency : 50 hz & 60 hz
- ❖ Duty : S1
- ❖ Insulation : F Class
- ❖ Speed : 2880 RPM (Can be adjust upto 4000 RPM)

**Note: (Single phase In 220v available on request)**



### **What is in the Package?**

- 1 Motor Fitted In Bench In Standard Color (Blue Top plate / Black Bottom)
- Two / Four polishing arm (As per package) with Standard accessories.
- Variable Frequency Drive (VFD) With Braking System
- 4 Nos. Adjustable Foot With Rubber Pad
- 1 Nos. Standard Shed light 2' X 2' (Lamps)
- Setup For Dust Collector Vacuum
- Standard Accessories (Allen Keys, Nut Bolts, Grubs For Balancing .)

- 1 Nos. Metal Scaife Plate (Coated), 50 mm I.d. x 330 mm O.D. (On Extra Cost) - Optional
- Portable Handheld Balancing System (On Extra Cost) – Optional

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## Elite techno system

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