

**Edison Electrical Works**

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**Tamil Nadu INDIA**

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## **MACHINE SHOP FACILITIES**

### **1. LATHES**

|                                    | <b>ABC</b> | <b>SOB</b> |
|------------------------------------|------------|------------|
| 1. HMT L45 Heavy Duty Centre Lathe | 5000       | 900        |
| 2. KIRLOSKAR BOMBAY Centre Lathe   | 5000       | 1400       |
| 3. HMT L50 Heavy Duty Centre Lathe | 3000       | 1000       |
| 4. HMT NH26 Centre Lathe           | 3000       | 520        |
| 5. HMT NH26 Centre Lathe           | 3000       | 520        |
| 6. HMT Vikram Centre Lathe         | 1500       | 440        |
| 7. HMT Vikram Centre Lathe         | 1250       | 380        |

**ABC - Admit Between Centres in mm**

**SOB - Swing Over Bed in mm**

### **II. HORIZONTAL BORING MACHINE**

|                |                     |
|----------------|---------------------|
| Make / Model   | HMT / AF 7          |
| Table Size     | 920 mm X 920 mm     |
| Table Traverse | 700 mm X 700 mm     |
| Accuracy       | One micron with DRO |

### **III. UNIVERSAL MILLING MACHINE**

|                |                                     |
|----------------|-------------------------------------|
| Make / Model   | HMT / FN 2U                         |
| Table Size     | 1350 mm X 310 mm                    |
| Table Traverse | 800 mm X 265 mm X 400 mm (Vertical) |

### **IV. RADIAL DRILLING MACHINE**

|                         |             |             |
|-------------------------|-------------|-------------|
| Make / Model            | HMT / RM 65 | HMT / RM 62 |
| Drilling capacity       | 60 mm       | 60 mm       |
| Drilling depth          | 325 mm      | 325 mm      |
| Maximum drilling radius | 2350 mm     | 1500 mm     |

### **V. HYDRAULIC SURFACE GRINDER**

|                |                                      |
|----------------|--------------------------------------|
| Make / Model   | HMT / SFW II                         |
| Table size     | 250 mm X 1500 mm                     |
| Wheel Traverse | 320 mm X 1650 mm X 400 mm (Vertical) |
| Accuracy       | Two microns                          |

### **VI. CYLINDRICAL GRINDING MACHINE**

|                   |                  |
|-------------------|------------------|
| Make / Model      | HMT / G22/2000 U |
| Grinding Diameter | 250 mm           |
| Swing Over Bed    | 450 mm           |
| Grinding Length   | 2060 mm          |
| Accuracy          | 2.50 microns     |

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## **MACHINE SHOP FACILITIES**

### **VII. PLANING MACHINE**

Make / Model                      COOPER / LOUDEN  
Table Size                         900 x 900 x 2400 mm

### **VIII. DYNAMIC BALANCING MACHINE**

Maximum weight of Job         7500 Kgs.  
Maximum diameter of job       2000 mm  
Maximum length of job         2400 mm

ALSO, SITE BALANCING KITS IRD MODELS 306 & 350

### **IX. HYDRAULIC PRESS**

Maximum loading                 1000 Tons with six meters daylight

### **X. TIG WELDING MACHINE**

Make / Model                      PHILIPS / PZ 2521 TIG 300 AD  
Capacity                            300 Amps.

### **XI. MIG WELDING MACHINE**

Make / Model                      IOL / 600 MMR  
Capacity                            600 Amps.

### **XII. PLASMA CUTTING MACHINE**

Make / Model                      PHILIPS / PZ 2660/10 - 100 A  
Capacity                            25 mm in SS and 12.5 mm in Carbon Steels

### **XIII. PORTABLE TOOLS**

All Kinds of Portable Drilling Machines, Grinders, Sanders, Cutters, Slitters, Jig Saws, Power Saws etc.

### **XIV. MATERIAL HANDLING**

INDEF make 10 Ton Electric Hoist & INDEF make 20 Tons Chain Pulley Blocks with six meters daylight and 40 ton with 10 meters daylight