**Machining Shop**



**UNIVERSAL MILLING MACHINE**

**Model**: UF 2

**Make**: BFW

###### C:\Users\Admin\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.Word\WP_20150720_15_52_54_Pro.jpgSpecifications:

|  |  |
| --- | --- |
| Longitudinal movement | |
| Automatic | 800 mm |
| Manual | 830 mm |
| Transverse movement | |
| Automatic | 230 mm |
| Manual | 260 mm |
| Spindle taper | ISO 40 |
| Speed range | 45 – 2000 rpm |
| Clamping area | 1350 mm x 315 mm |
| T-slot / width / CD | 3 Nos/14 mm/63 mm |
| Feeds: |  |
| Longitudinal | 16 – 800 mm/min |
| Cross | 16 – 800 mm/min |
| Vertical | 4 – 200 mm/min |
| Swivel range of table to both sides | 45° |
| Milling spindle Motor | 5.5 kW |
| Feed Motor | 1.5 kW |
| Maximum safe load on table | 400 kg |

**HORIZONTAL / VERTICAL MILLING MACHINE**

**Make :** BATLIBOI

**Model :** BFH-5

**Specifications :**

|  |  |
| --- | --- |
| Longitudinal movement | |
| Automatic | 810 mm |
| Manual | 810 mm |
| Transverse movement | |
| Automatic | 275 mm |
| Manual | 280 mm |
| Spindle taper | ISO 40 |
| Speed range | 45 – 2000 rpm |
| Clamping area | 1350 mm x 320 mm |
| T-slot / width / CD | 3 Nos /14 mm / 63 mm |
| Feeds: |  |
| Longitudinal | 14 – 900 mm/min |
| Vertical | 4 – 250 mm/min |
| Cross | 14 – 900 mm/min |
| Milling spindle Motor | 5.5 kW |
| Feed Motor | 1.5 kW |
| Maximum safe load on table | 275 kg |



**SHAPING MACHINE**

**Make** : SAGAR

**Model** : SM 18 “

**Specifications :**

|  |  |
| --- | --- |
| Stroke length | 18 “ |
| Working surface of table | 407mm X 292mm |
| Maximum size of tool shank | 32mmX16mm |
| Range of ram speeds (Stroke Per Minute) | 17,25,50,75 |
| Motor Capacity & Speed | 1.5KW &960rpm |



**VERTICAL SLOTTING MACHINE**

**Make** : Daljith

**Model** : DS –10

**Specifications** :

|  |  |
| --- | --- |
| Stroke | 10’’ |
| Rotary table | 15’’ |
| Longitudinal movement | 12’’ |
| Cross movement | 10’’ |
| Cutting Speed of RAM (Per Minute) | 40x60 |
| RAM Adjustment | 12’’ |
| Throat Depth | 11’’ |
| Distance from the Tool to the Main Column | 14’’ |
| Motor Capacity | 1.5kw |



**HIGH SPEED PRECISION LATHE** [**MACHINE**](http://machinetools.batliboi.com/product/cm_rdm.aspx)

## **Make** : HMT Ltd

**Model**  : NH26/1500

**Specifications:**

|  |  |
| --- | --- |
| Height of centres | 260 mm |
| Dist. between centres | 1500 mm |
| Swing over bed | 575 mm |
| Swing over cross slide | 350 mm |
| Spindle Nose/Bore | A2-6/53 mm |
| Feed range (longitudinal) | 0.04 – 2.4mm/rev |
| Feed range (cross) | 0.02 – 1.2mm/rev |
| Spindle speed range | 40 – 2040rpm |
| Spindle power | 11KW |



[**RADIAL DRILLING MACHINE**](http://machinetools.batliboi.com/product/cm_rdm.aspx)

**Make**: Batlibai

**Model**: **BVR 3**

**Specifications:**

|  |  |
| --- | --- |
| Max.drilling diameter in Steel | 32 mm |
| Max.drilling diameter CI | 35 mm |
| Drilling Radius max / min | 930 / 340 mm |
| Vertical Traverse of Arm | 520 mm |
| Horizontal Movement of Drill Head | 590 mm |
| Drilling Motor Power | 1.5 kw |

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[**LATHE MACHINE**](http://machinetools.batliboi.com/product/cm_rdm.aspx) **(7NOS)**

## Make: Gujarat Lathe Manufacturing Co. Pvt. Ltd

**Model**: **PANTHER 1350 / 1 Series**

**Specifications:**

|  |  |
| --- | --- |
| Swing | 335 mm |
| Dist. between centres | 540 mm |
| Swing over slide | 200 mm |
| Slide movement | 210 mm |
| Spindle Bore | 42 mm |
| Taper bore in center sleeve | **MT 4** |
| No. of speeds  Range / RPM | 8  45-938 |
| **Motor capacity** | **1.5 kW** |



[**LATHE MACHINE**](http://machinetools.batliboi.com/product/cm_rdm.aspx)**(2NOS)**

## Make: Gujarat Lathe Manufacturing Co. Pvt. Ltd

**Model**: PANTHER 1650 / 1 Series

**Specifications:**

|  |  |
| --- | --- |
| Swing | 410 mm |
| Dist. Between Centres | 1000 mm |
| Swing over Slide | 250 mm |
| Slide Movement | 250 mm |
| Spindle Bore | 42 mm |
| Taper Bore in Center Sleeve | **MT 4** |
| No. of Speeds  Range / RPM | 8  45-938 |
| **Motor capacity** | **2.2 kW** |

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**SURFACE GRINDING MACHINE**

**Make**: **HMT Machine Tools Limited**

**Model**:452 P

|  |
| --- |
| **Specifications :** |
|  |

|  |  |
| --- | --- |
| Work Table | 625 x 220 mm |
| Spindle Motor | 1.5 kW |
| Vertical Traverse | 280 mm |
| Grinding Wheel Size | 200x20x31.75 mm |
| Spindle Speed | 2800 rpm |



**UNIVERSAL TOOL & CUTTER GRINDING MACHINE**

**Make**: **HMT Machine Tools Limited**

**Model**:411

**Specifications**:

|  |  |
| --- | --- |
| Work Area | 750X 110 mm |
| Max. Swing on Cutter Head | 305 mm |
| Circular adjustment | 360° |
| Wheel Head Motor | 0.75 kW |
| Swivel in Vertical plane | 180° |
| Vertical Adjustment | 200 mm |



**UNIVERSAL CYLINDRICAL GRINDING MACHINE**

**Make: HI-LIFE MACHINE TOOLS LIMITED**

**Model:** HL 500

### Specifications:

|  |  |
| --- | --- |
| Centre Height | 150 mm |
| Swing Diameter | 295 mm |
| Max. Grinding Length | 500 mm |
| Grinding Wheel Dia. | 400 mm |
| Grinding wheel width | 40 mm |
| Wheel Head Swivel | + / - 60 ° |
| Work head Centre | MT 5 |
| Tailstock Centre | MT 4 |
| Internal Grinding dia. range | 15-100 mm |



# PEDESTAL GRINDER

### Make : EIFCO Machine Tools (P) Ltd

**Model** : MG 12

### Specifications:

|  |  |
| --- | --- |
| **Size of grinding wheel** | 300 x 40 x 50.8 mm |
| Wheel Centre distance | 645 mm |
| Base to centre line of spindle | 860 mm |
| Diameter of spindle bearings | 35 mm |
| **Power of motor** | 2 HP |
| Speed of Motor (rpm) | 1400 rpm |
| **RPM of Grinding Wheels** | 1910 rpm |



### POWER HACKSAW

### Make: EIFCO Machine Tools (P) Ltd

### Model: HP 300

### Specifications:

|  |  |
| --- | --- |
| Max. Diameter | 300 mm |
| Max. Square | 250 mm |
| Stroke length (non adjustable) | 160 mm |
| No. of speed strokes | 3 |
| Range of speed strokes (per minute) | 80 - 100 - 125 |
| Blade Size | 525 X 45 X 2.25 mm |
| Power of main motor | 1.5 kW |
| Power of coolant motor | 0.09 kW |

