

## Generator

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## Product Description

1. Engine: 4-stroke, diesel engine, water cooled , 5 hp capacity Loading: Mechanical rope brake, electrical loading or eddy current dynamo meter Change of compression ratio facility by engine head tilt mechanism with pre calibrated compression ratio scale 2. Instrumentation: RPM indicator, temperature indicator, fuel flue burette, mono meter with air box fitted with orifices plate, load indicator & diesel tank mounted on control panel 3. Rota meter for measurement of water flow rate to engine head Exhaust gas calorie meter for heat balance sheet 4. Engine & dynamo meter mounted on MS channel sturdy frame with anti vibration mount

## 4 Stroke 4 cylinder Petrol Engine with Brake Dynamometer

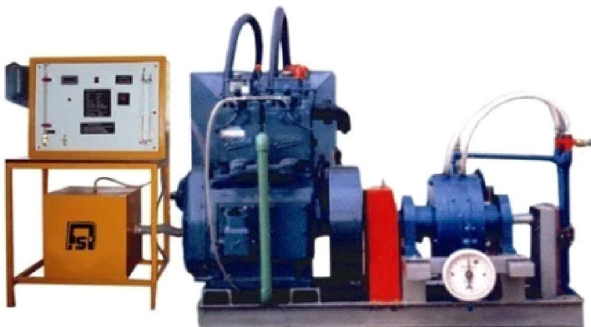
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1. Dynamometer Options: Eddy current dynamometer: water cooled, Capacity 30 kw with electronic controller.
2. Calorimeter: Shell & Tube type Heat Exchanger
3. Air Box: Made in M.S. with damper & Orifice Plate
4. Morse Test Arrangement: Switches to cut off ignition or fuel supply of each cylinder.
5. Instrumentation Console: Load cell with digital indicator for Load Measurement, Range 0-50 Kg - Non-contact type sensor with Digital indicator for Engine speed, Range 0-9999 RPM - U Tube Differential Manometer for Air, Range 0-300 mm - 'K' Type Thermocouples & 8 channel digital temperature indicator, Range 0-600 °C Volumetric Fuel Measurement Unit with digital indicator - Rotameter for water, Range 100-1000 LPH-2 No's

## Power Hacksaw Machine

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**Categories:** [Applied Mechanics](#), [Uncategorized](#)



## Product Description

Technical Specifications:

1. Size: 16"
2. Stroke (Adjustable): 250mm No.of Stroke pe minute: 70( $\pm 5\%$ )

7. Capacity of square bar: 14"

8. Length & Breath: 51" x 15"

## Semi Automatic Industrial Lathe Machine

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### Product Description

Technical Specifications:

1. Machine Type: Floor Lathe
2. Max Swing Over Bed: >1500 mm
3. Max Spindle Speed: >4000 rpm
4. Max Turning Diameter: >2500 mm



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## Product Description

### Technical Specifications:

1. COP of Vapor Compression System Test rig Determination of C.O.P of a Vapor Compression system. 1/3HP capacity Trolley mounted unit with caster wheels
2. Control Panel: Stand Alone Metallic powder coated panel with Caster Wheels.
3. Compressor: Hermetically Sealed, Reciprocating type 1/3 HP with Thermostat Emerson/LG/Voltas/ Equivalent.
4. Condenser : An air cooled condenser of suitable Capacity with Fan
5. Evaporator: An SS, FRP coated copper coiled vessel housed in a metallic chamber with proper insulation
6. Refrigerant: Freon R-134A
7. Energy meter : Energy meter 2.5- 5 Amps, Jaipur Make/equivalent
8. Temperature Indicator : Digital Temperature Indicator,-50 to 150°C with TSS
9. Thermocouples: Teflon coated Cr -Al (K-type)-5 no.
10. Flow Visualization : Sight Glass
11. Gauges : Pressure and Compound gauges for HP and LP
12. Stop Watch: Digital, 1/10 of a second, Racer/Pacer Make

## Total Station

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## Product Description

Technical Specification:

1. Angle Measurement Accuracy: 5 second
2. Magnification: 30X
3. Distance Measurement: 5 km
4. Usage/Application: Survey

## Compressor Testing Machine 200 ton Digital

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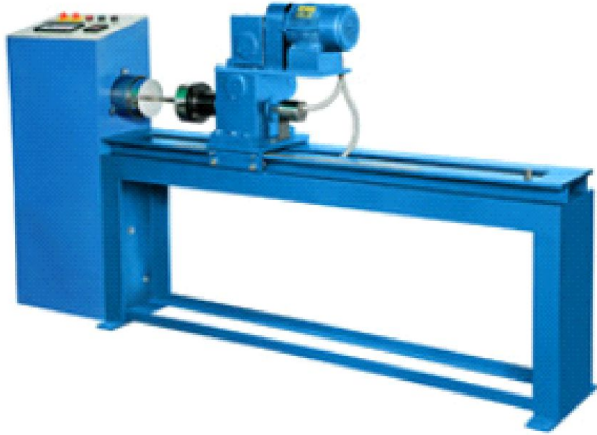
**Categories:** [Applied Mechanics](#)



### Product Description

Technical Parameters:

1. Usage/Application: Laboratory
2. Display Type: Digital
3. Capacity: 200 ton
4. Material: M.S. (Mild Steel)
5. Phase : Single power supply 220V



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## Product Description

Technical Parameters:

1. Frequency :50 Hz
2. Phase: 3 Phase
3. Voltage: 415 V
4. Power : 0.25kW
5. Clearance Between Grips: 0-420mm
6. Capacity: 100Nm
7. Torque Ranges: 20, 50, 100Nm
8. Test Speed: 0.5RPM



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## Product Description

**ADVANTAGES:-** \*Siemens PLC trainer Kit 08 digital Inputs and 04 Relayed Outputs with windows based programming software and PC interface cable with 24V, 4Amps Dc power supply HP 280G6 DESKTOP/CORE I5/WIN 11H HP 280 G6 Core I5 **TECHNICAL PARAMETERS:-**

1. \*8GB RAM/512GB SSD/ 3 YEARS Warranty
2. \*Traffic Light Control Module
3. \*DOL Starter Module
4. \*DOL Starter Module
5. \*Staircase Lighting Module
6. \*Induction Motor, 03- Phase, 0.5 Hp
7. \*Step down Transformer, 01 KVA for star Delta Starter



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## Product Description

### TECHNICAL PARAMETERS:-

1. A DC Power Supply of 1.5V to 15V/250mA for Gate current/Gate Voltage.
2. A DC Power Supply of 2.5V to 35V/500mA for Load Current.
3. A variable load resistance and gate resistance potentiometers.
4. Consists of an SCR, TRIAC, DIAC IGBT
5. Mains operated.
6. Meter unit with 4 digital meters consists of DC Ammeters 2Nos; 0-2A & 0
7. Screen printed MS panel.



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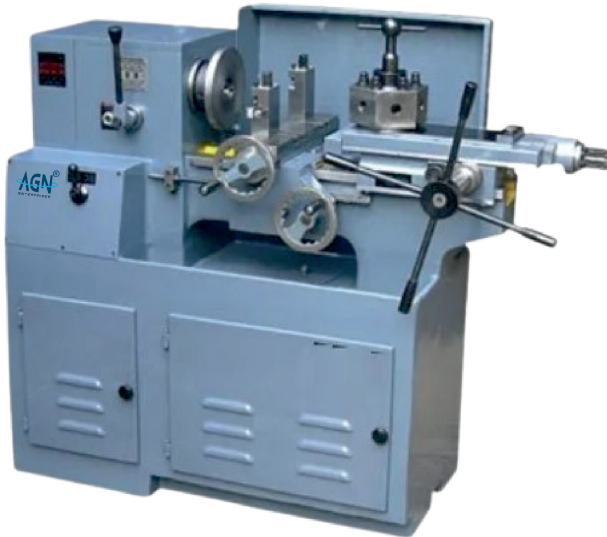
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## Product Description

### TECHNICAL PARAMETERS:

1. 2s accuracy
2. 20' least count
3. 2" angle measurement accuracy
4. 30x magnification



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## Product Description

**Application :-** Capstan Lathe Machines, which is an exclusive array of advanced industrial products and is used for chuck work. Its configuration is off without gear box. It is usually brought in purpose of the sanitary fitting industry and is used in drilling, boring, turning, threading, grooving and many more operations. It is price worthy in use as it produces more components with less fatigue. These Capstan Lathe Machines have been designed after performing several quality measures and can be availed from us at economical prices.

**Definition :-** Capstan Lathe Machine is a cutting-edge precision tool designed for efficient and high-performance machining operations. With its robust construction and advanced features, this model ensures superior accuracy and reliability in turning and shaping metal components. Equipped with a powerful capstan mechanism, it enables rapid tool changes, reducing downtime and boosting productivity. Accommodating a wide range of materials and intricate machining tasks. Its user-friendly interface and modern controls make it an ideal choice for industries demanding precision and speed in manufacturing processes.

### Features :-

- Suitable for batch production or small lot production
- More productive for quick engagement and overlapped functioning of the tools in addition to faster mounting and feeding of the job and rapid speed change
- Enable repetitive production of same job requiring less involvement, effort and attention of the operator for Presetting of work speed and feed rate and length of travel of the cutting tools
- Possesses an axially movable index able turret in place of tail stock



# AGN ENTERPRISES

MANUFACTURER & SUPPLIER  
ALL KINDS OF LABORATORY EQUIPMENTS



- Color :- Air force blue (Firozi)

**Specification :-** Type of head stock : ALL GEARED Swing over bed : 300mm Swing over cross slide : 200mm Center height : 150mm Holding mechanism : Bar type/ Collet chuck Collet chuck capacity : 3 mm-40 mm Range of speed : 300 RPM-1400 RPM Cross slide travel : 150 mm-200 mm Turret slide travel : 150 mm- 200 mm Bore of turret : Hex 25.4 mm Power : 3 phase, 440 volts, 50 Hz Length of bed : 1000-1200 mm Type of bed : Flat type Size of spindle bore : 50mm Type of turret : Hexagonal Front tool post : Four way type

**Accessories :-** - Basic tool and tool kit as per machine - Allen Key Set-01, Set Spanner Set-01, C/Peg Spanner -02, Tool Post Key-01, Bend Key-01 - Coolant system with motor and swarf tray - Turret stop (Bar stop) - Self opening die head with die pieces of standard thread pitches Qty- 06 - Centering tool - Drill holder and reamer holder - Turret stopper bolt key - Set of collets for round bar and hex bar - Boring bar holder - Spanner for spindle nut - Panel board with relay, connector, push button, S/F switch, R/T switch - Flat steady box tool and roller steady box turning tool - Gil cane and grease gun - Rubber mounting pad & Safety Guard - Initial lubricating, gear box and cutting oil