



Introduction

Amit electricals is manufacturing Bench Grinder Machine Since 1978 In brand "ATLAS". We having a wide Experience of manufacturing. Number of Seatishfie Client associated with Us Since 1978. One of the trust Name in Bench Grinder Machine Manufacture.

Range of Production

We having wide Product Range in Production in Bench Grinder machine.

Three Phase

0.25 Hp. To 3 Hp. Three Phase Bench Grinder Machine suitable for 415 +-5% volts 50 HZ + or - 3%

Single phase

0.25 H.P. To 2 H.P. Single Phase Bench Grinder Machine suitable for 215 +-5% volts 50 HZ + or - 3%

Pedestal grinders are also available.

Frame

Bench Grinder Machine are supplied in a robust, rugged cast iron Body. Body is of high-grade cast iron and bolts are designed to assure ample clearance for grinding odd shaped items end long stock.

Shaft

Made from high carbon steel to provide exceptional Strength & rigidity to minimize deflection.

Rotor

Rotors are of high-pressure E.C. Grad aluminum die-cast. Every rotor is dynamically balanced. Its make motor low amplitudes of Vibration & noise

Insulation

All Grinder machine Winding insulated with class 'B' insulation as a safe guard against high temperature rise. In higher horsepower grinders are protected with insulated with class 'F'. Fully impregnated with high grade insulating varnish for tropical climate.

Duty

Bench Grinder Machine are Design for Working Continuous (S1) rated to comply with performance standards.



BENCH GRINDER MACHINE

Bearings

Deep grooved with sufficient lubricant, double sealed to prevent entry of any kind dust or other partial matter inside the bearings.

Wheel Guards

Heavy cast iron Wheel Guards design to afford full protection to the worker with maximum freedom of operation. Easily detachable covers are provided for quick replacement of wheels. All wheel guards Of higher horsepower grinders have exhaust for safe and easy flow of dust particles at the rear side.

Tool Rest

Adjustable tool rest provided for easy operation, safety utility.

Switches

Rotary switches are provided for easy & lifelong operation.

Grinding Wheels

Grinder are fitted with two grinding wheel used for grinding material of high tensile strength such as most steels, carbon steel high speed steels annealed malleable iron wrought and bronzes.

Wheel Size Detail

H.P.	Volts	RPM	Wheel Size
0.25	215/415	2880	4 x 1/2
0.33	215/415	2880	6 x 3/4
0.50	215/415	2880	8 x 3/4
0.75	215/415	2880	8 x 1
1	215/415	2880	10 x 1
2	215/415	2880	12 x 1
2	415	1440	12 x 1.5
3	415	2880	14 x 1.5
3	415	1440	14 x 2

Application

Bench Grinder Machine are Use in Number of application Like Workshop, Machine tools, Steel Industries, Workshop, Rubber industries, Plastic Industries, Ect.

MANUFACTURING BY

AMIT ELECTRICALS
AHMEDABAD, GUJARAT, INDIA

Web :- www.amitelectricals.com / www.twospeedmotor.com

Mail :- Info@amitelectricals.com / jdpatel_78@yahoo.com

