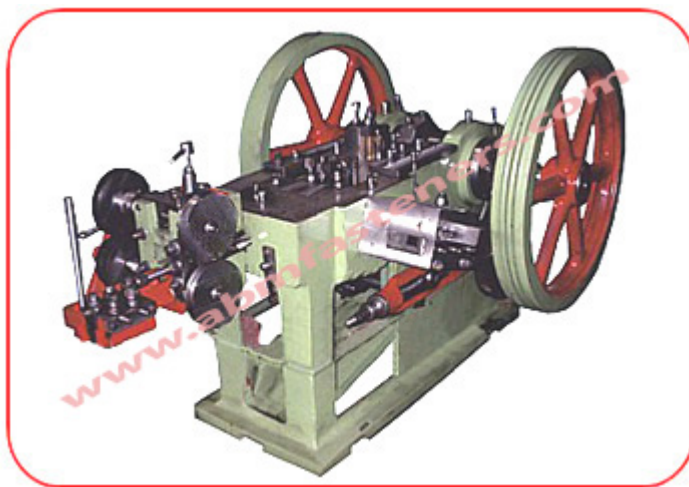


# RIVET MAKING MACHINES

## (High Speed)

- (a) Automatic High Speed Double Stroke Cold Heading Machines
- (b) Automatic High Speed Double Stroke Cold Heading Machines (Baby Model)

### DOUBLE STROKE COLD HEADING MACHINES (Automatic, High Speed)



#### FEATURES

- These cold heading machines are fully automatic and easy to operate with little training, fitted with Solid Die to produce blank for Bolts, Screws, Rivets and other similar components. Cut off and knock out mechanism have safety devices that will stop any major accident if any abnormal function occurs in machines.
- A positive knock out provision had been made on the 1st and 2nd punches to eliminate the possibility of parts sticking to these punches during the operations. The maximum parts of the machines are ground and all the Cames and Rollers from H.C.H.C. ( Hardened & Ground ).
- On some extra charges machines will be equipped with Pneumatic Clutch & Automatic Centralized Lubrications systems which provides sufficient quantity lubricating to all bearing surface.

#### SPECIFICATION (Solid Rivet)

Item Code No.	Length of Rivet	Dia. of Rivet	Production Per Minute	Motor H.P. & R.P.M.
ABM-FM-6480	2 mm to 20mm	1 mm to 3 mm	125 – 150 Pcs	1 x 1440
ABM-FM-6481	4 mm to 36 mm	2 mm to 5 mm	110 – 125 Pcs	3 x 960
ABM-FM-6410	2" (12 mm - 50 mm)	1/4" (3 mm - 6 mm)	90 - 95 Pcs.	5 x 960
ABM-FM-6411	2-1/2" (20 mm - 65 mm)	5/16" (6 mm - 8 mm)	80 - 85 Pcs.	7.5 x 960
ABM-FM-6412	3" (20 mm - 75 mm)	3/8" (6 mm - 10 mm)	70 - 75 Pcs.	10 x 960

### **SPECIFICATION (Semi Tubular Rivet)**

<b>Item Code No.</b>	<b>Length of Rivet</b>	<b>Dia. of Rivet</b>	<b>Production Per Minute</b>	<b>Motor H.P. &amp; R.P.M.</b>
ABM-FM-6480a	2 mm to 20mm	1 mm to 3 mm	125 – 150 Pcs	1 x 960
ABM-FM-6481a	4 mm to 36 mm	2 mm to 5 mm	110 – 125 Pcs	3 x 960
ABM-FM-6410a	2" (12 mm - 50 mm)	1/4" (3 mm - 6 mm)	90 - 95 Pcs.	5 x 960
ABM-FM-6411a	2-1/2" (20 mm - 65 mm)	5/16" (6 mm - 8 mm)	80 - 85 Pcs.	7.5 x 960
ABM-FM-6412a	3" (20 mm - 75 mm)	3/8" (6 mm - 10 mm)	70 - 75 Pcs.	10 x 960

### **DOUBLE STROKE COLD HEADING MACHINES (Baby Model)** (Automatic, High Speed) (Solid Rivet)



### **FEATURES**

- These cold heading machines are fully automatic and easy to operate with little training, fitted with Solid Die to produce blank for Bolts, Screws, Rivets and other similar components. Cut off and knock out mechanism have safety devices that will stop any major accident if any abnormal function occurs in machines.
- A positive knock out provision had been made on the 1st and 2nd punches to eliminate the possibility of parts sticking to these punches during the operations. The maximum parts of the machines are ground and all the Cames and Rollers from H.C.H.C. ( Hardened & Ground ).
- On some extra charges machines will be equipped with Pneumatic Clutch & Automatic Centralized Lubrications systems which provides sufficient quantity lubricating to all bearing surface.

### SPECIFICATION

Item Code No.	Length of Rivet	Dia. of Rivet	Production Per Minute	Motor H.P.
ABM-FM-6480	3/4" (2 mm - 20 mm)	1/8" (1 mm - 3 mm)	125 - 150 Pcs.	1 x 1400

### FEATURES :-

- 1) All the Machines are provided with Adjustable Phosphorous Bronze Plates to reduce wear and tear of the main forging and threading slides.
- 2) All the Main Bushes of the machines are made of Phosphorous Bronze Metal.
- 3) All the Machines and their main forging and threading slides are made of special graded casting and are properly seasoned to ensure high stability for long life.
- 4) Machines are provided with Double Heavy Duty Wheels to ensure balanced movement of crank shafts and precision forging of bolts & auto parts.
- 5) The header machine is provided with slippering wheels to free the machines and avoid damages in case of any accident.
- 6) Heading Machine will be provided with Slide Locking System.
- 7) Heading Machine will have Cutting & Knock – Out Safety System.
- 8) Followers of all cams of the machines are made of special high carbon steels and are provided with Phosphorous Bronze Bushes. They are also provided with Special shockers to reduce vibration and ensure high speed feeding of blanks.
- 9) Machines are designed for increased productivity at lower operational cost and manpower.
- 10) Machines are heavily constructed for high stability and ensure longer machine-life.
- 11) All the cranks & shafts are made of special alloy steels to ensure less wear and tear & proper absorption of load.
- 12) All the cams are made of special alloy steels and properly hardened & tempered to ensure long life.
- 13) Heading machine is provided with special cutting arrangement for straight cutting.
- 14) A high pressure coolant pump is provided to insure proper cooling of dies and proper removal of bur.

All Specifications are subject to change towards improvements without any prior notice.



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