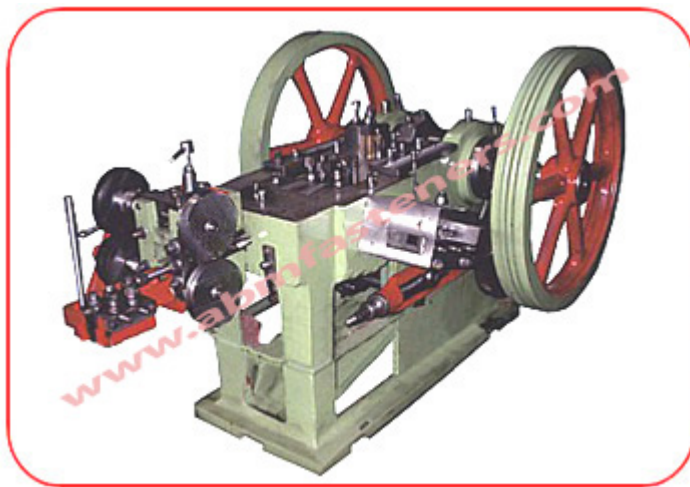


# WOOD SCREW MAKING PLANT (Automatic, High Speed)

- (a) Automatic High Speed Double Stroke Cold Heading Machines
- (b) Automatic Screw Head Slotting Machines
- (c) Automatic Thread Cutting Machines
- (d) Polishing Barrel

## DOUBLE STROKE COLD HEADING MACHINE (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

Item Code No.	Length of Screw	Dia. of Screw	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
ABM-FM-6481	1-1/2" (4 mm - 36 mm)	3/16" (2 mm - 5 mm)	110 - 125 Pcs.	2 x 1400
ABM-FM-6482	2" (7 mm - 50 mm)	1/4" (3 mm - 6 mm)	100 - 110 Pcs.	5 x 960
ABM-FM-6483	2-1/2" (7 mm - 65 mm)	5/16" (4 mm - 8 mm)	90 - 100 Pcs.	7.5 x 960
ABM-FM-6484	3" (10 mm - 75 mm)	3/8" (5 mm - 10 mm)	70 - 75 Pcs.	10 x 960
ABM-FM-6413	4" (25 mm - 100 mm)	1/2" (8 mm - 12 mm)	60 - 65 Pcs.	20 x 960
ABM-FM-6415	6" (50 mm - 150 mm)	3/4" (12 mm - 20 mm)	35 - 40 Pcs.	40 x 960

## SCREW HEAD SLOTING MACHINE (Automatic, High Speed)



### FEATURES

**ABM Tools** Automatic Screw Head Slotting Machines have been developed for fast & economic slotting of big quantities of screws in current dimensions.

#### Advantages for the industry.

- Automatic sequence of operation
- Minimum set-up time.
- Low cost.
- High efficiency

### SPECIFICATION

Item Code No.	Length of Screw	Dia. of Screw	Production Per Minute	Motor H.P. & R.P.M.
ABM-FM-6490	1" (6 mm - 25 mm)	1/8" (2 mm - 3 mm)	90 - 110 Pcs.	1 x 1400
ABM-FM-6491	1-1/2" (8 mm - 40 mm)	3/16" (3 mm - 5 mm)	90 - 100 Pcs.	1 x 1400
ABM-FM-6492	2" (12 mm - 50 mm)	1/4" (4 mm - 6 mm)	80 - 90 Pcs.	2 x 1400
ABM-FM-6493	2-1/2" (25 mm - 65 mm)	5/16" (5 mm - 8 mm)	70 - 80 Pcs.	2 x 1400
ABM-FM-6494	3" (40 mm - 75 mm)	3/8" (6 mm - 10 mm)	50 - 60 Pcs.	3 x 1400
ABM-FM-6495	4" (25 mm - 100 mm)	1/2" (8 mm - 12 mm)	40 - 50 Pcs.	5 x 1400
ABM-FM-6496	6" (50 mm - 150 mm)	3/4" (12 mm - 20 mm)	30 - 40 Pcs.	5 x 1400

## THREAD CUTTING MACHINES (Automatic)



### FEATURES

A Thread Cutting Machine job is to cut thread on blank of wood screws. The slotted blanks are placed in a hopper at top from which automatic slide down with the aid of feeder. A picker hold each blank one by one and feed into a chuck and tool cut thread on the blank and threaded screws falls down in a receptable.

### SPECIFICATION

Item Code No.	Length of Screw	Wire Size S.W.G.	Production Per Minute	Motor H.P. & R.P.M.
ABM-FM-6510	3/8" - 1-1/2"	9 - 14 S.W.G	15 - 25 Pcs.	0.75 x 1440
ABM-FM-6511	1/2" - 2"	4 - 12 S.W.G	10 - 15 Pcs.	1 x 1440
ABM-FM-6512	1/2" - 3"	2 - 12 S.W.G	9 - 12 Pcs.	1.5 x 1440
ABM-FM-6513	1/2" - 4"	8 - 0 S.W.G	4 - 6 Pcs.	1.5 x 1440
ABM-FM-6514	2" - 6"	5 - 0 S.W.G	4 - 5 Pcs.	2 x 1440

## POLISHING BARREL



### FEATURES

This drum is used for scouring and polishing mass produced articles (Wire Nails, Sheet Nails, Buckets, etc.). The nails with nippings are loaded into the drums and suitable quantity of saw dust and leather cutting is added. Thereafter they are tumbled for approximately 20 – 40 minutes depending on the dirt accumulation on the nails. The nippings and scouring can be drawn off together at the end of the process, if the machine is ordered with a dust filter unit with an exhauster. Otherwise the nails can be separated through a sieve also.

### SPECIFICATION

Item Code No.	ABM-FM-6520	ABM-FM-6521
No. Of Drums	Single Drum	Double Drum
Output/ Charge	200 Kg.	400 Kg.
Batch Period (Min.)	30 - 40	30 - 40
Motor Required	2 H.P.	3 H.P.
Net Weight of Machine	500 Kg.	800 Kg.
Gross Weight of Machine	560 Kg.	900 Kg.

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

**Manufactured by ABM Fasteners (India) and Export Marketing by ABM Tools**