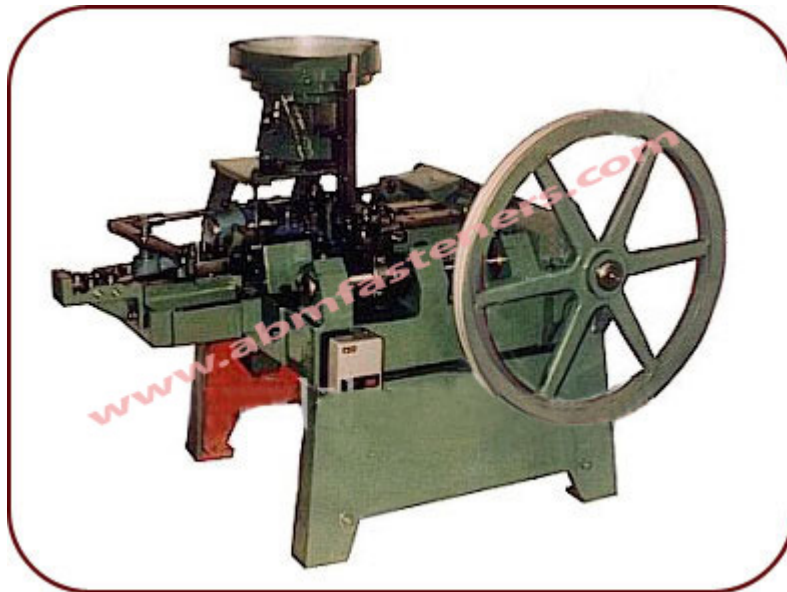


# UMBRELLA TYPE NAIL MAKING MACHINES (Washer Head Roofing Nail Making Machine) (Crank Type)

- (a) Nail and Washer Assembling Machine
- (b) Power Press
- (c) Polishing Drum
- (c) Tool and Cutter Grinder

## NAIL AND WASHER ASSEMBLING MACHINE



### FEATURES

- These machines are used for Nail manufacturing and Washer assembling machine.

### PLANT SPECIFICATION

- The plant consists of the main machine, washer cutting press, polishing barrel and nail cutter and die die grinding machine.
- Suitable for plain type and twisted type roofing nails.
- Twisted Roofing Nails require an Optional Thread Rolling Machine.
- Plain Washers made on the press are fed in the hopper of the main machine. On every stroke, one washer is inserted, given shape and fixed into the nail.
- Ready nails are then polished in the Polishing Barrel.

### SPECIFICATION

<b>Item Code No.</b>	<b>ABM-FM-6640</b>
<b>Wire Dia. S.W.G.</b>	15 to 9 (1.8 to 3.6 mm)
<b>Maximum Length</b>	75 mm (3 Inch)
<b>Effective Length</b>	25 to 75 mm (1 to 3 Inch)
<b>Maximum Nails Per Minute</b>	80 Pcs.
<b>Power Required</b>	5 H.P. (3.7 KW.)

### POWER PRESS



### FEATURES

It is used for Washer Cutting.

### SPECIFICATION

<b>Item Code No.</b>	ABM-FM-6645
<b>Capacity</b>	5 Tons
<b>Motor Required</b>	2 H.P.
<b>Net Weight of Machine</b>	350 Kg.
<b>Gross Weight of Machine</b>	450 Kg.

## POLISHING DRUM



### 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 exhaustor. 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.

## GRINDING MACHINES



### FEATURES

The Grinding Machine is specially designed to sharpen and grinding the dies and cutters of the machine. It is fitted with four grinding wheels of different shapes and special attachments.

One H.P. x 2600 R.P.M. Motor is fitted in it.

### SPECIFICATION

Item Code No.	ABM-FM-6590
No of Grinding Wheels	4
Motor Required	1 H. P. x 2600 R.P.M.
Net Weight of Machine	150 Kg.
Gross Weight of Machine	180 Kg.

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

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



### WEBSITE QR CODE



### VIDEO QR CODE

