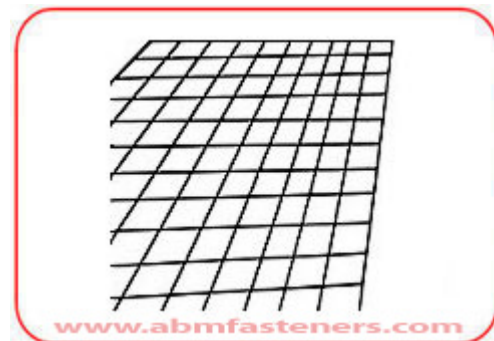


WELDED MESH MACHINE

(Welded Wire Mesh Plant)

- (a) Welded Wire Mesh Making Machine
- (b) Pay Off Stand (Wire Stand)
- (c) Wire Straighting and Cutting Machine
- (d) Automatic Coiler

WELDED WIRE MESH MAKING MACHINE



FEATURES

- The entire system is controlled by Electronic Panel based on Thyristor and D.C. Drive Control Panels.

PLANT DETAILS

- Set the desired welding points and start the machine.
- The line wires from the Pay Off stands / swift standing on the rear side of the machine are drawn through wire straightener.
- Cross wire duly pre straightened and cut to length are dropped from the rack standing on top of welding station.
- The line and cross wires are rhythmically welded as desired.
- The speed of welding is controlled through the control panel.
- Mesh size 15 x 15 mm only possible with wire diameter 1.2 to 1.4 mm in maximum width up to 750 mm
- Mesh size 25 x 25 to 75 x 75 mm only possible with wire diameter 1.6 to 3.0 mm in maximum width up to 1250 mm

SPECIFICATION

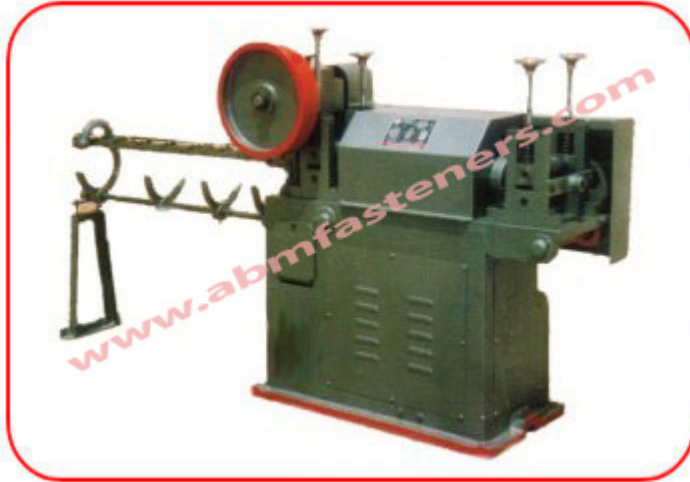
Item Code No.	ABM-FM-6950	ABM-FM-6951	ABM-FM-6952
Max. Welding Width (mm)	1250	1550	2000
Line Wire Spacing (mm)	15 - 75	50 - 150	50 - 150
Cross Wire Spacing	15 - 75	50 - 150	50 - 150
Range of Line Wire	1.2 - 3	3 - 6	3 - 6
Range of Cross Wire	1.2 - 3	3 - 6	3 - 6
Max. Welding Speed (Strokes per Minute)	80	60	60
Power Load (KVA)	200	300	400
Welding Transfer at 50% Duty Cycle (Qty. / KVA)	4 / 50	4 / 100	6 / 100
Motor	12.5 H.P. D/C	15 H.P. D/C	15 H.P. D/C
Net Weight	3150 Kg.	4300 Kg.	6500 Kg.
Gross Weight	3800 Kg.	5000 Kg.	7500 Kg.

PAY OFF STAND (Wire Stand)



Item Code No.
ABM-FM-6960

WIRE STRAITENING AND CUTTING MACHINE



Item Code No.
ABM-FM-6965

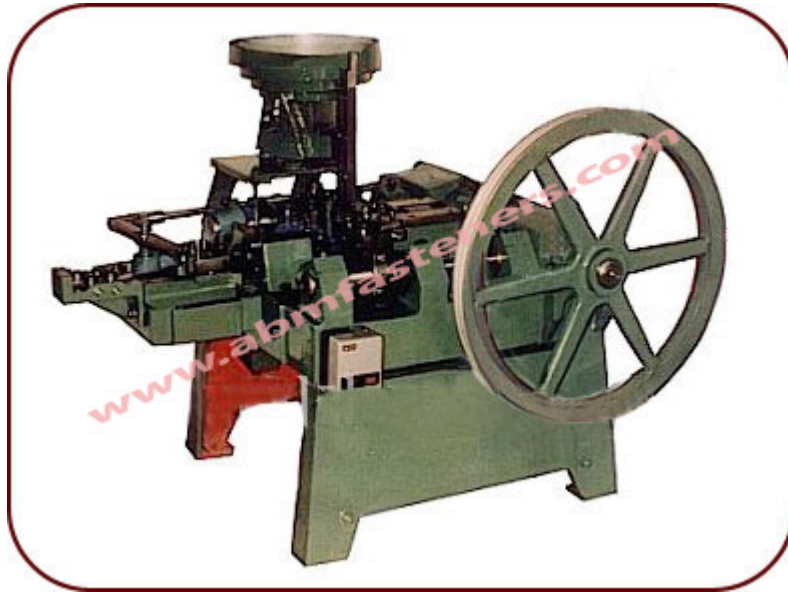
AUTOMATIC COILER



Item Code No.
ABM-FM-6970

- (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

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

POWER PRESS



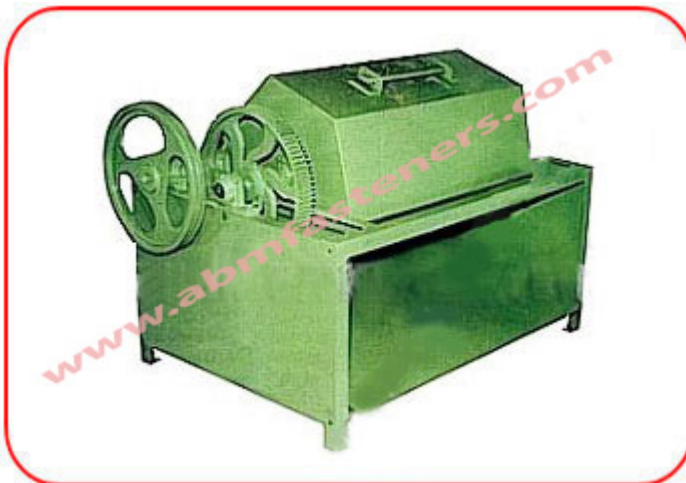
FEATURES

It is used for Washer Cutting.

SPECIFICATION

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



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