

MARK 8SM: CIGARETTE MAKING MACHINE

The MARK SM produces up to 2500 cigarettes per minute.

TECHNICAL SPECIFICATIONS

Output: Tobacco Rod Speed : 175 Mtr. per min (Max)
 70 mm Cigarettes : 2500 cigarette per minute
 Direction : Right To left

Product range :

Cigarette Length : 46 - 85 mm
 Cigarette Diameter : 6.4 - 9.5 mm
 Machine dimension : Length : 3.0 m
 Depth : 1.8 m
 Height : 1.8 m
 Machine weight : 3000 Kg (Approx.)
 Supply : 415 V, 3 phase – 4 wire, 50 HZ
 Power requirement : 7 kW



PA 7RO: PLUG ASSEMBLING UNIT

PA 7RO, the plug-assembling machine assembles filter tips to plain cigarettes and produces up to 2000 filter tipped cigarettes per minute.

TECHNICAL SPECIFICATIONS

PRODUCT RANGE

Overall Cigarette Length	: 65 - 85 mm	Machine dimensions: Height: 1.4 m
Tobacco length	: 49 – 84 mm	Machine weight: 1430Kg (Approx.)
Tobacco section and plug diameter:	6.37 – 10 mm	Supply Input: 415 V, 3 phase-4 wire, 50 HZ
Filter plug-length	: 8 – 25.5 mm	Power requirements: 7 kW
Cork length	: 11 – 30 mm	Air requirement :
Output: Filter tipped cigarettes	: 2000 cigs. per min (Max)	Vacuum – free standing unit: 0.1 m ³ per min @ 510 mm Hg.
		Pressure – free standing unit: 0.075 m ³ per min @ 0.5 atm.



PM4: PLUG MAKING MACHINE

PM4, the plug-making machine produces filter rods at speeds up to 2500 rods per minute (at a maximum speed of 175 meters per minute).

TECHNICAL SPECIFICATIONS

Output:
 Maximum rod speed : 175 meters per min
 70 mm filter rods or pro-rate : 2500 rods per min
 Maximum cut-off speed : 2500 cuts per min
 Rod dimensions:
 Length : 52-120 mm
 Diameter : 6.4-9.5 mm
 Machine weight : 1700 kg
 Supply inputs : 415 V, 3 phase- 4 wire, 50 HZ.
 Power requirements : 3 kW



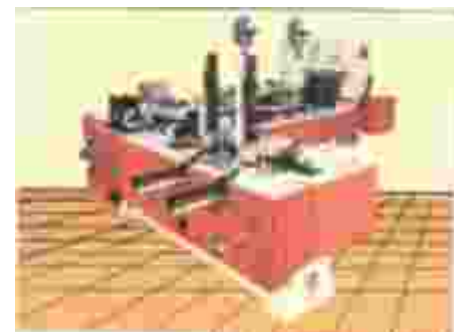
M2 10's DUPLEX: CIGARETTE PACKING MACHINE

The M2 10's Duplex shell and slide machine packs cigarettes at speeds up to 300 packets per minutes. The machine packs two 10's shell and slide packets simultaneously, the cigarettes being wrapped in foil or paper bundles.

OPTIONAL EXTRAS

TECHNICAL SPECIFICATIONS

Output (maximum)	: 300 Packets per minute.	Machine dimensions: Length: 2990 mm
Product range:		Width: 2700 mm
2-row single bundles	: 10 cigs per pack	Height: depends on Link-up.
Cigarette length	: 66 to 85 mm	Machine weight: 2500 Kg (Approx.)
Cigarette diameter	: 7.5 to 8.5 mm	Supply inputs: 415 V, 3 phase- 4 wire, 50 HZ
		Power requirements: 1.5 kW



OUR PRODUCTS :

PHARMACEUTICAL MACHINES

ACMA –XFH: Automatic Empty Hydraulic Hard Shell Gelatine Capsule Making Machine

BOSS I: Inspecting, Cutting, Counting and Collating of Strips

GENERAL PURPOSE OVER WRAPPING MACHINES

WRAPID-350 : Wrapping Machine (350 packets per minute)

GPW III : Wrapping Machine (150 packets per minute)

TOILET & DETERGENT SOAPS OVERWRAPPING MACHINES

SWIFT VX : Soap / Detergent Cake Wrapping Machine with PLC and AC Drive (170 cakes per minute)

TSW-150 :Toilet Soap Cake Wrapping Machine (150 cakes per minute)

FLOW WRAP : Detergent Cake Packing Machine (200 Cake per minute)

CIGARETTE MAKING & PACKING MACHINES

MK8D: Cigarette Making Machine (3000 cigarette per minute)

MK8SM: Cigarette Making Machine (2500 cigarette per minute)

PM4: Plug Making Machine (2500 plugs per minute)

PA7RO: Plug Assembler (2000 cigarette per minute)

WRAPID-350: Wrapping Machine (350 packets per minute)

M2 DUPLEX: Shell and Slide Packer (300 packets per min.)

Our Clients:

- MOI Engineering Pvt. Ltd. is a global player, and its client list includes some of the most reputed companies like:
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AUTOMATIC EMPTY HARD SHELL GELATIN CAPSULE MAKING MACHINE

The machine is fully automatic and makes gelatin capsule bodies and caps by a dipping process and joins them in a completely automatic process. The machine is built from high precision components having the desired metallurgical and heat treatment characteristics resulting in low wear and tear, low maintenance and longer life.

TECHNICAL SPECIFICATIONS

Product	: Single or double lock two piece hard gelatine capsule of standard sizes 0el, 0, 1, 2, 3 & 4.
Machine speed	: Dry Run variable between 30 to 35 Pin Bars per minute.
Machine dimensions	: Length: 15895 mm. (approx.) Width : 1600 mm. (approx.) Height: 2135 mm (approx.) exclusive of Hoods.
Electric supply	: 415 V, 3 phase- 4 wires, 50 Hz
Air Pressure	: Maximum : 5.50 Kg/Sq.Cm. Minimum : 2.75 Kg/Sq.Cm.
Air Volume	: 0.2 CuM/Min (Approx.)

FEATURES

- ❖ Output: Upto 63,000 capsules per hour.
- ❖ Fully automatic.
- ❖ VFD for machine speed control.
- ❖ Fail safe highly sensitive safeties.
- ❖ Machine designed & built as per CGMP standards.
- ❖ Automatic centralised lubrication system.
- ❖ PLC Controlled.
- ❖ Operation interface with LCD screen.
- ❖ SCADA packages.
- ❖ Servo controlled dipping.
- ❖ Dual Speed dish drive (Optional).
- ❖ Temperature control using digital PID controller / PLC.

MODELS

- ❖ ACM – XFH 1100L : Hydraulic version, with all pushers (upper deck, lower deck & rear elevator) operated through hydraulic system .
- ❖ ACM – XFC 1100L : Computerised version, with all pushers (upper deck, lower deck & rear elevator) operated through Servo system.



WRAPID-350: HIGH SPEED PACKET WRAPPING MACHINE

WRAPID-350 is designed for wrapping Cigarette Packets and other Products having similar dimensions. It wraps the product in heat sealable cellophane or BOPP.

TECHNICAL SPECIFICATIONS

Products: Cigarette Packets and similar rectangular shaped products.

Product Limit	: Max.	Min.
Length	: 85 mm (±1 mm)	65 mm (±1 mm)
Width	: 43 mm (±1 mm)	35 mm (±1 mm)
Height	: 18 mm (±1 mm)	15 mm (±1 mm)

Wrapping Material : BOPP/Cellophane

Thickness	: 20 Micron + 5 Micron.
Size limits	: Max. Min. Tolerance
Cut Off Length	: 128 mm 114 mm
Width	: 102 mm 92 mm ± 1 mm
Reel size	:
Core Dia	: 78 mm
Reel Dia	: 300 mm

Output : 350 Packets per minute depending upon quality of input raw-material.

Machine dimension :

Length	: 3.18 M
Width	: 1.34 M
Height	: 1.90 M
Machine weight	: 1500 Kg (Approx.)
Supply input	: 415 V, 3 Phase – 4 wire, 50 Hz
Installed power	: 5 kW
Compressed air consumption	: 0.1 Cu. M/Min. at 5 Bar.



GPW-III: GENERAL PURPOSE WRAPPING SOLUTION

GPW - III over wrapping machine does a single layer over wrapping of BOPP / Cellophane on the rectangular packets with or without tear tape at speeds up to 150 packets per minute.

TECHNICAL SPECIFICATIONS

Product Range :	Length : 40 - 110 mm
	Width : 25 - 80 mm
	Height : 12 - 40 mm
Wrapping material	: BOPP, Cellophane.
Max. Cut Off Length	: 260 mm.
Wrapping material size Limits :	Max. Width : 160 mm. Min. Width : 90 mm.
Max. Reel core dia.	: 76 mm.
Max. Reel dia.	: 320 mm.
Output:	Max. 150 Packets per minute (depending upon size of product)
Dimension :	Length : 2200 mm Width : 800 mm Height : 1800 mm Weight : 800 Kg
	Supply : 415 V, 3 phase – 4 wire, 50 Hz.
Installed power	: 2.2 kW
Compressed air	: 0.12 cubic meter/min at 6 bar



SWIFT : SOLUTION FOR DETERGENT SOAP WRAPPING

Soap Wrapping Machine has been designed to pack detergent cakes in single wrap of wrapping paper.

TECHNICAL SPECIFICATIONS

Product range	Length : 75 - 106 mm (± 1 mm)
	Width : 50 - 62 mm (± 1 mm)
	Height : 16 - 40 mm (± 1 mm)
Maximum speed	Up to 170 cake/minute
Dimension	Length : 3450 mm Width : 800 mm Height : 1710 mm Weight : 700 Kg

Supply input	415 V, 3 Phase- 4 wire, 50 Hz.
Installed power	3 kW
Features:	
Main Drive	Use of conventional variable speed pulley
No product-no wrapper	Provided
Print registration	Automatic (one way)
Electrical controls	Conventional contactor, relay, Timer etc.
Power supply	24 V DC



MARK 8D: CIGARETTE MAKING MACHINE

The MARK 8D produces up to 3000 cigarettes per minute..

TECHNICAL SPECIFICATIONS

Output	: Tobacco Rod Speed : 210 Mtr. per min (Max)
	70 mm Cigarettes : 3000 cigarette per minute
Direction	: Right To left
Product range:	Cigarette Length : 45 - 80 mm Cigarette Diameter : 7 - 9 mm
Machine dimension	: Length : 3.0 m Depth : 1.4 m
Height of hopper	: 1.4 m
Machine weight	: 2800 Kg (Approx.)
Supply	: 415V, 3 phase – 4 wire, 50 HZ
Power requirement	: 11 kW

