

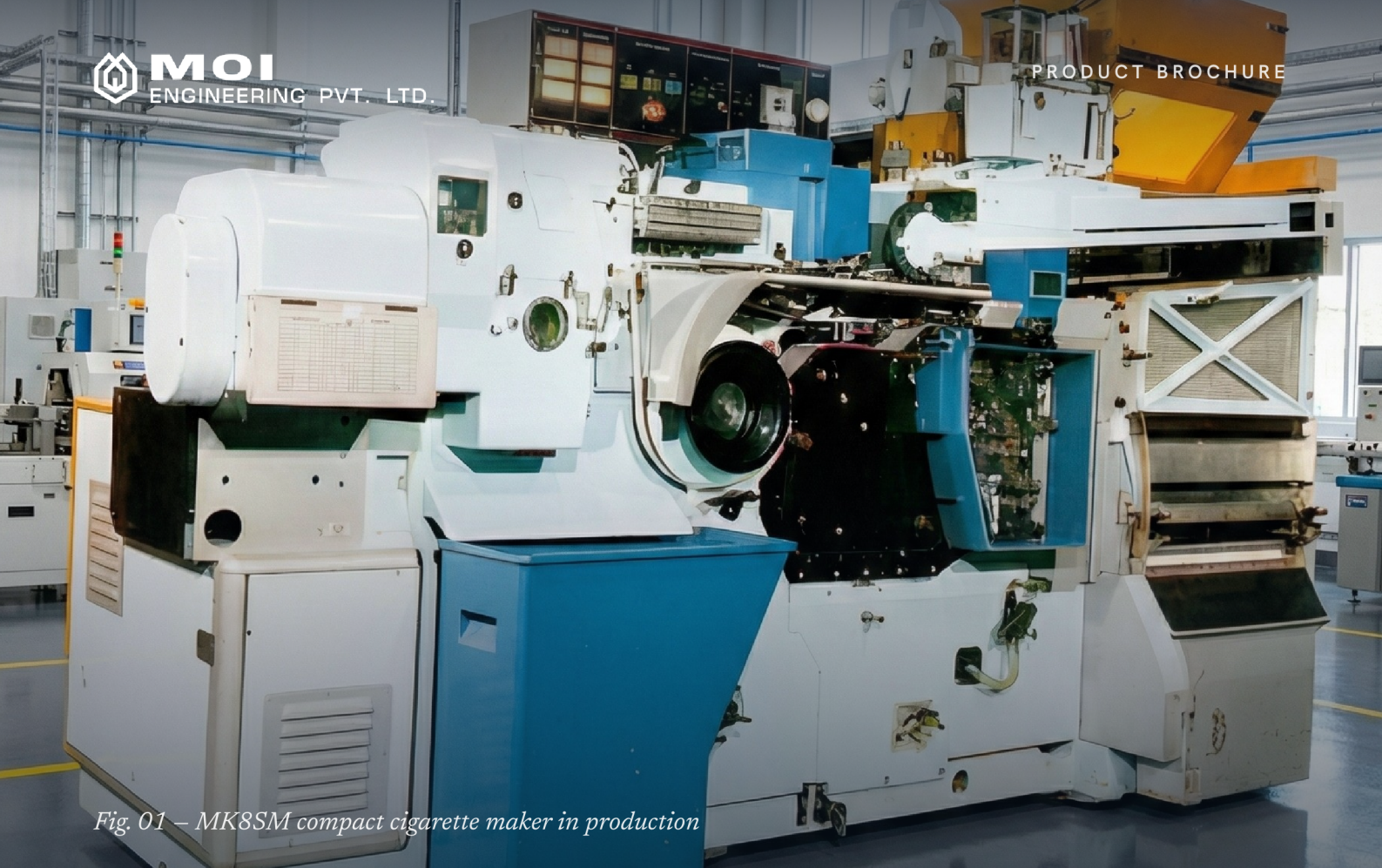


Fig. 01 – MK8SM compact cigarette maker in production

CIGARETTE MAKING · COMPACT ROD MAKER

MK8SM Compact Cigarette Making Machine

MARK 8SM · Proven Molins Design, Upgraded Automation

The compact member of the Molins Mark-8 family – the same proven rod-forming principle in a smaller footprint, making 2,500 cigarettes a minute for modest or variable production volumes.

Cut tobacco is metered, gathered on the garniture, wrapped in paper and sealed into a continuous rod, then cut to length — one smooth, reliable cycle in a space-saving build.

Updated with VFD speed control, PLC, operator interface and solid-state sensors, it runs with negligible rejection — and links to a plug assembler such as the PA 7RO.

EST. 1960

ISO 9001:2015

50+ COUNTRIES

1,000+ INSTALLATIONS

2,500

CIGARETTES / MIN

3.6 M+

CIGARETTES / DAY

175

M/MIN ROD SPEED

Compact

MARK-8 FOOTPRINT

THE PROCESS

Feed · Form · Wrap · Weight · Cut

From loose tobacco to a finished rod

Cut tobacco becomes a continuous, paper-wrapped rod and is cut to length in one uninterrupted high-speed loop.

01	Feed	Cut tobacco is metered by the feeder, which regulates flow to keep rod weight and density even and consistent.
02	Form Rod	A continuously moving garniture tape gathers and shapes the tobacco into an endless rod of controlled diameter.
03	Wrap & Seal	Cigarette paper is wrapped around the rod, then the lap seam is glued and sealed into a stable, finished tube.
04	Weight Control	The hydraulic weight-control unit and écreteur trim the rod to a precise, uniform density before cutting.
05	Cut	A rotating knife cuts the rod into individual cigarettes, transferred downstream to the catcher or plug assembler.

ENGINEERED FOR UPTIME

Hydraulic weight control

Écreteur and adjustable end discs regulate rod density for uniform size, weight and draw.

Centralised dust collection

Integrated suction keeps the operating environment clean and protects product quality.

Flexible tobacco feed

A hopper built for pneumatic or hand (skip) feeding suits modest or variable production runs.

Updated automation

VFD speed control, PLC, operator interface and solid-state proximity sensors give negligible rejection.

GOOD TO KNOW

Maker, then filter assembly

The MK8SM forms the tobacco rod. Filter tipping is added by a coupled plug assembler such as the PA 7RO for finished filter cigarettes.

Branding on the line

An optional "C"-type single- or double-colour printer with bronzing lets you brand cigarettes inline for a premium finish.

1926

The MK8SM is the compact member of the Molins "Mark-8" maker family, tracing back to the Mk.1 of 1926 – the same proven rod-forming principle in a smaller footprint. MOI, founded in 1960 as Molins of India, builds it still.

SPECIFICATIONS

MK8SM

Technical Specifications

PERFORMANCE

Production capacity	2,500 cig/min (70 mm)
Daily output	≈ 3.6 million+ cigarettes
Tobacco rod speed	175 m/min (max)
Running direction	Right to left
Control	PLC + VFD + HMI

FORMAT RANGE

Cigarette length	46–85 mm
Cigarette diameter	6.4–9.5 mm

WHY MANUFACTURERS CHOOSE IT

- 2,500 cig/min in a compact, space-saving footprint
- Negligible rejection from updated PLC/VFD automation
- Uniform size, weight and draw from hydraulic weight control
- Lower capital cost on the proven, rebuildable Mark-8

DELIVERY & SUPPORT

Installation & commissioning

On-site set-up and start-up by MOI engineers.

Operator training

Hands-on training for operators and maintenance teams.

Spares & refurbishment

Genuine parts and full rebuilds for the Mark-8 platform.

APPLICATIONS

Medium-scale cigarette production · Compact-facility manufacturing · Automated cigarette lines (paired with a plug assembler such as the PA 7RO) — ideal for producers with modest or variable production volumes.