

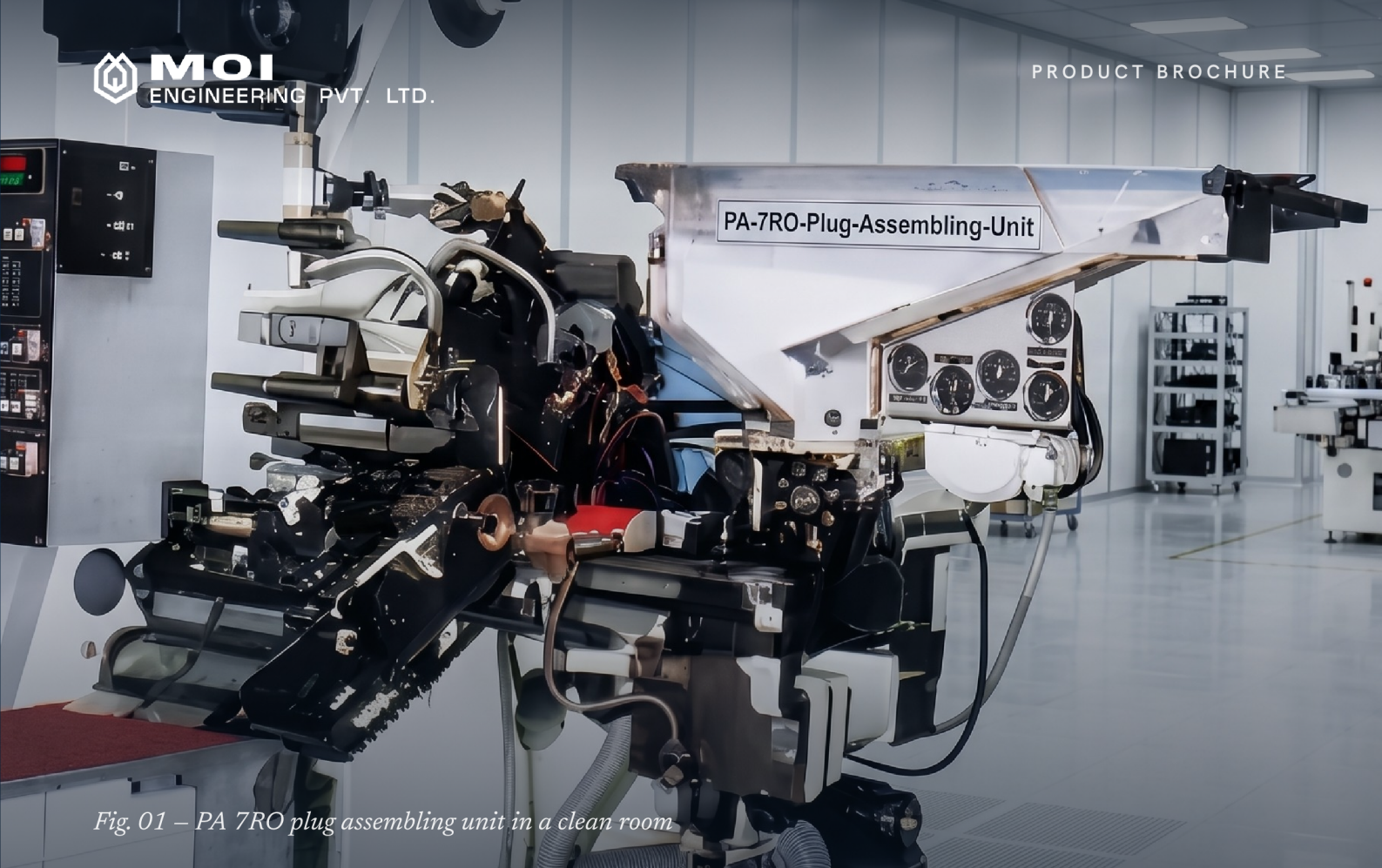


Fig. 01 – PA 7RO plug assembling unit in a clean room

CIGARETTE MAKING · FILTER TIPPING

PA 7RO Plug Assembling Unit

Off-Line Filter Tipping · The Perfect Partner for the MK 8 SM

The unit that turns plain rods into finished filter cigarettes — attaching filter tips at up to 2,000 cigarettes a minute, purpose-built to run alongside the MK 8 SM maker.

Filter plugs are fed, cut and joined between cigarettes, then cork tipping paper is glued, wrapped and rolled — completing every filter cigarette in one continuous off-line cycle.

A temperature-controlled cork drum, turret tip-turning device and integrated vacuum keep tipping precise, adhesion consistent and the workspace clean.

EST. 1960

ISO 9001:2015

50+ COUNTRIES

1,000+ INSTALLATIONS

2,000

FILTER-TIPPED / MIN

65–85

MM CIG LENGTH

8–25.5

MM PLUG RANGE

MK 8 SM

LINE PARTNER

THE PROCESS

Infeed · Insert · Tip · Roll · Turn

From plain rod to filter cigarette

Plain cigarettes from the maker are joined to filter plugs and cork-tipped in one continuous off-line cycle.

01	Infeed	Plain cigarettes from the MK 8 SM maker are received and aligned on the assembling drums.
02	Insert Plug	Filter plugs from the hopper are cut and placed between paired cigarettes on the deflector drum.
03	Tip	Cork tipping paper from the bobbin, coated with adhesive, is wrapped around the plug-to-tobacco joint.
04	Roll & Set	The rolling plate rolls the seam tight while the temperature-controlled cork drum sets the adhesive.
05	Turn & Catch	The turret tip-turning device reorients the finished filter cigarettes to the forward-facing hand catcher.

ENGINEERED FOR PRECISION

Multivariable cork drum

Integrated temperature control and an adhesive reservoir give consistent, uniform tipping every cycle.

Turret tip-turning

End-closure deflector drum and rolling plate work together for precise, repeatable filter assembly.

Cyclone & vacuum unit

A cyclone fan and free-standing vacuum and pressure pump keep the operation clean and dust-free.

Heat-treated build

High-precision, heat-treated components deliver low wear, low maintenance and long service life.

GOOD TO KNOW

Completes the line

The MK 8 SM makes the plain rod; the PA 7RO adds the filter. Together they deliver finished, ready-to-pack filter cigarettes.

Wide format range

Filter plugs from 8 to 25.5 mm and cork from 11 to 30 mm cover a broad range of filter and brand styles.

1960

Since 1960, MOI has built machines for every stage of the cigarette line. Coupled to the MK 8 SM maker, the PA 7RO closes the loop – turning plain rods into finished filter cigarettes, ready to pack.

SPECIFICATIONS

PA 7RO

Technical Specifications

PERFORMANCE

 Output capacity **2,000 tipped cig/min**

 Line partner **MK 8 SM maker**

 Power supply **415 V, 3-Ph 4-wire, 50 Hz**

 Power requirement **7 kW**

AIR UTILITIES

 Vacuum **0.1 m³/min @ 510 mm Hg**

 Pressure **0.075 m³/min @ 0.5 atm**

FORMAT RANGE

 Overall cig length **65 – 85 mm**

 Tobacco length **49 – 84 mm**

 Section & plug dia **6.37 – 10 mm**

 Filter plug length **8 – 25.5 mm**

 Cork length **11 – 30 mm**

 Machine height **1.4 m**

 Weight **≈ 1,430 kg**

WHY MANUFACTURERS CHOOSE IT

- 2,000 filter-tipped cigarettes a minute
- Precise tipping from turret turning & cork drum
- Consistent adhesion from temperature-controlled glue
- Clean, dust-free running with cyclone & vacuum

DELIVERY & SUPPORT

Installation & linking

On-site set-up and coupling to your MK 8 SM maker.

Operator training

Hands-on training for operators and maintenance teams.

Spares & service

Genuine spare parts and ongoing maintenance support.

APPLICATIONS

Filter plug assembly · Filter-tipped cigarette production · Off-line tipping coupled to the MK 8 SM maker — completing plain rods into finished, ready-to-pack filter cigarettes.