

# Parker Product Datasheet



EOMAT machines are designed to match EO-2, EO PSR/DPR rings and Triple Lok® standards. The assembly is achieved with high precision and repeatability even under severe construction site working conditions.

**PART NUMBER:** EOMATECO230V

**TYPE:** Mobile assembly machine for EO-2 and Progressive Ring fittings

**TUBE O.D. (MM):** na

## PRODUCT OVERVIEW

EOMAT machines are designed to match EO-2, EO PSR/DPR rings and Triple Lok® standards. The assembly is achieved with high precision and repeatability.

### Markets:

- Automotive
- Defence
- Energy
- Environment
- Industrial
- Infrastructure
- Machine Tools
- Materials Handling
- Mobile
- Oil and Gas
- Power Generation
- Transportation

#### Applications:

- EOMAT ECO: Portable machine for repair and workshops
- EOMAT UNI: Universal assembly machine for workshop
- EOMAT PRO: Cost effective commercial production

#### Features/ Benefits of assembly machines for EO-2 and Triple-Lok®:

- Universal: Assembly of EO-2, EO PSR/DPR rings and 37° flaring for Triple-Lok® can be done with just 1 machine.
- Efficient: With a cycle time of some 12 to 15 seconds the EOMAT machine greatly saves assembly time and effort. The investment pays back quickly.
- Safe: Proper pre-assembly greatly reduces the danger of leaking fittings or even hazardous tube blow out.

All machines are designed for reliable workshop use even under severe construction site working conditions. Tool handling and machine operation are simple. The following EOMAT machines are available:

#### EOMAT ECO

EO-2: Pressure controlled

D/DPR/PSR: Pressure controlled

Material: Steel, Stainless Steel

Outside diameter: 6-42 mm

Minimum U-bend: 75 mm

Wall thickness: No limitation

EO-2/PSR/DPR, Triple-Lok®: not applicable

Operation setting: Manual pressure adjustment according to selection chart.

Process control: Pressure gauge

Error detection: no

Memory function: no

Oil temperature control: no

Foot operating switch: Not available

Performance: 1 Phase, 230 V

Overall cycle time (sec.):

EO-2: 20

DPR/PSR: 25

Economic production quantity: max. 50 assemblies per day

Continuous operating: 50%

Weight: approx.. 30 kg

## EOMAT UNI

Assembly method:

EO-2: Pressure controlled

D/DPR/PSR: Pressure controlled

Conventional 37° flaring

Material: Steel, Stainless Steel

Outside diameter: 6-42 mm

Minimum U-bend: 65 mm

Wall thickness: No limitation

EO-2/PSR/DPR/Triple-Lok®: 6×1 to 38×4 or 42×3 mm

(Tube O.D. × wall thickness)

Manual pressure adjustment according to selection chart

Depending on: Assembly type, tube dimension, tube material

Process control: Pressure gauge

Error detection: no

Memory function: no

Oil temperature control: no

Foot operating switch: Not available

Performance: 1 Phase, 230 V

EO-2: 12

DPR/PSR: 15

37° flaring: 15

Economic production quantity: max. 300 assemblies per day

Continuous operating: 80%

Weight: approx.. 66 kg

## EOMAT PRO

Assembly method:

EO-2: Pressure controlled

D/DPR/PSR: Stroke controlled

Tube specification:

Material: Steel, Stainless Steel, Copper, nylon

PRO22/PRO42: 4-22/4-42 mm

PRO22/PRO42: approx. 35/70 mm

Wall thickness: No limitation

Tool detection and automatic adjustment

Manual adjustment of pressure is possible

Process control: PLC with display

Error detection: Warning light and message displayed, if deviations in assembly process occur

Memory function: Memory options for custom application on MOK transponderchip

Oil temperature control: Warning light and message displayed

Foot operating switch: Available

Performance: 400 V, 50 Hz, 3-phase

PRO22 / Pro42: approx. 8/10 seconds

PRO22 / Pro42: approx. 10/12 seconds

37° flaring

Economic production quantity: 100 or more assemblies per day

Continuous operating: 100%

Weight: approx.. 90 kg

## TECH SPECIFICATIONS

**DIVISION**

High Pressure Connectors Europe Division