# EOMAT ECO Mobile assembly machine for EO-2 and PSR hydraulic fittings

H

**The EOMAT ECO is a portable machine for the assembly of EO-2 and EO Progressive Ring fittings.**
This electro-hydraulic unit is simple to operate; the assembly pressure is set on the digital display. The equipment is simple to use, robust and easy to move.
The EOMAT ECO is an ideal piece of equipment for hydraulic service engineers.

## Technical data

| | |
|---|---|
| Application: | assembly of Parker EO-2 and PSR Progressive Ring fittings<br>assembly of cutting ring fittings to DIN EN ISO 8434-1 |
| Process: | pressure-controlled press operation through assembly tools |
| Drive: | electro-hydraulic |
| Assembly corresponds to: | EO-2: gap closed<br>PSR: 11/2 turns of the nut |
| Tube material: | steel and stainless steel Tube |
| diameters: | 6 to 42 mm |
| Series: | L and S |
| Min. U-bend: | 75 mm |
| Speed: | working stroke 15 to 20 secs, total cycle time approx. 20 to 25 secs |
| Dimensions: | L 750 × W 360 × H 300 mm |
| Weight: | 30 kg |
| Electrical power rating: | 230V 1-phase 50 Hz 700 W |

## Operation:

for detailed assembly instructions, see our fittings technology technical handbook, chapter E. For safety information, see machine operating manual.

1. Install assembly cone and backing plate
2. Set the setting pressure on the display in accordance with the chart
3. Insert tube complete with nut and ring
4. Operate START button and keep pressed
5. Hold the tube firmly during the assembly operation and press against the stop
6. The assembly operation is complete when the cylinder has travelled back to its starting position
7. Assembly inspection and final assembly should proceed in accordance with the operating manual.

## Performance:

Economic production quantity: max. 100 assemblies per day.

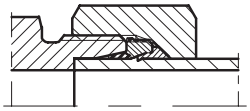
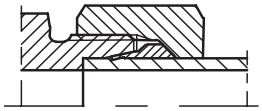
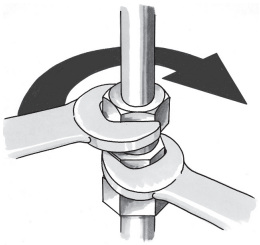
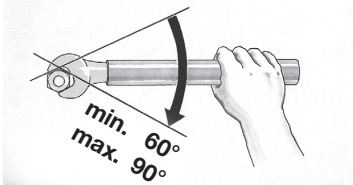
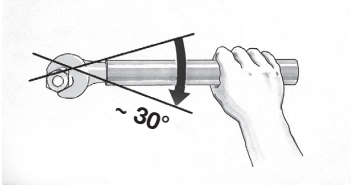
| Type | Order code |
|---|---|
| EOMAT ECO basic machine<br>Ready to operate, including operating manual<br>Without tools, no separate assembly fixture required | EOMATECO230V |
| Bulletin | 4046 via Parker catalogue service EMDC |
| Operating manual UK/DE/FR/IT/ES | EOMATECO/MANUAL |
| Pressure chart sticker | EOMATECO/CHART |
| Standard preventive maintenance | EOMATECO/INSPECTION |



Tel: +45 63 12 83 00 | Email: ps@hymatik.com | www.hymatik.com | Hvidkaervej 27a, DK-5250 Odense SV, Denmark

## Setting pressures

# EOMAT ECO

| Tube-O.D. | EO-2 | PSR/DPR |
|---|---|---|
| |  |  |
| Ø (mm) | P (bar) | P (bar) |
| 6 | 25 | 20 |
| 8 | 35 | 25 |
| 10 | 40 | 35 |
| 12 | 45 | 40 |
| 14 | 60 | 45 |
| 15 | 60 | 45 |
| 16 | 70 | 60 |
| 18 | 70 | 60 |
| 20 | 105 | 75 |
| 22 | 75 | 70 |
| 25 | 135 | 105 |
| 28 | 105 | 90 |
| 30 | 190 | 130 |
| 35 | 160 | 115 |
| 38 | 210 | 180 |
| 42 | 190 | 145 |
|  | Installation   | Installation   |

The stated values are guidelines. The results of pre-assembly should therefore be thoroughly checked.



Tel: +45 63 12 83 00 | Email: ps@hymatik.com | www.hymatik.com | Hvidkaervej 27a, DK-5250 Odense SV, Denmark