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



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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 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 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:

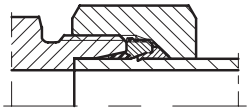
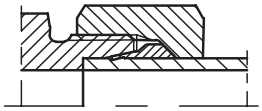
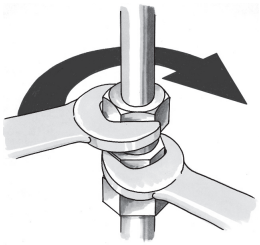
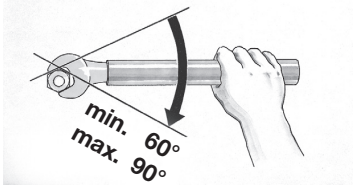
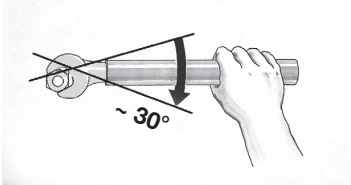
Economic production quantity: max. 100 assemblies per day.

Type	Order code
EOMAT ECO basic machine Ready to operate, including operating manual 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

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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.

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