



EOMAT ECO

Mobile assembly machine
for E0 hydraulic fittings



ENGINEERING YOUR SUCCESS.

EOMAT ECO

Powerful but easy to use

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: 1 1/2 turns of the nut

Tube material:

Steel and stainless steel

Tube diameters:

6 to 42 mm

Min. 180° tube bend:

75 mm

Series:

L and S

Speed:

Working stroke 10 to 15 secs,
total cycle time approx 15 to 20 secs.

Dimensions:

L 750 x W 360 x H 300 mm

Weight:

30 Kg

Electrical power rating:

230 V 1-phase 50Hz 700 W

Economic production quantity:

max 100 assemblies per day.

Operation:

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

1. Install assembly cone and backing plate
2. Set the 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

The machine is excellently suited to regular use, but not to series production.

Application areas:

- For the repair and maintenance of hydraulic tubing systems in both workshop and field operations

Advantages for the service engineer:

- Professional assembly
- Effort and time savings thanks to the electric drive
- Simple operation
- Portable and light
- Robust and mobile
- Quiet

Economic advantages:

- Inexpensive
- Economical mode of operation
- Existing tools can be used
- Unbeatable price-to-performance ratio

Ordering machine

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



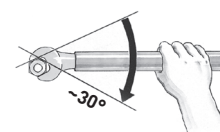
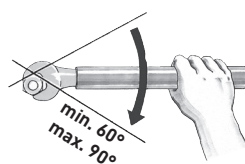
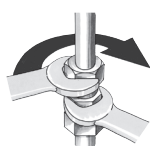
Ordering tools

Size		Order code				
Series	Tube O.D.	Assembly cones for EO PSR/DPR MOK	Assembly cones for EO-2 MOK	Backing plates GHP	Distance control gauges AKL	Cone-templates KONU
LL	04	MOK04LLX	as MOK for PSR/DPR	GHP04X		KONU04LL
	06	MOK06LLX		GHP06X		KONU06LL
	08	MOK08LLX		GHP08X		KONU08LL
	10	MOK10LLX		GHP10X		KONU10LL
	12	MOK12LLX		GHP12X		KONU12LL
L	06	MOK06LX	MOKE0206L	GHP06X ¹⁾	AKL06LS	KNOU06L ¹⁾
	08	MOK08LX	MOKE0208L	GHP08X ¹⁾	AKL08LS	KONU08L ¹⁾
	10	MOK10LX	MOKE0210L	GHP10X ¹⁾	AKL10L	KONU10L ¹⁾
	12	MOK12LX	MOKE0212L	GHP12X ¹⁾	AKL12L	KONU12L ¹⁾
	15	MOK15LX	MOKE0215L	GHP15X	AKL15L	KONU15L
	18	MOK18LX	MOKE0218L	GHP18X	AKL18L	KONU18L
	22	MOK22LX	MOKE0222L	GHP22X	AKL22L	KONU22L
	28	MOK28LX	MOKE0228L	GHP28X	AKL28L	KONU28L
	35	MOK35LX	MOKE0235L	GHP35X ²⁾	AKL35L	KONU35L
	42	MOK42LX	MOKE0242L	GHP42X ²⁾	AKL42L	KONU42L
S	06	MOK06SX	MOKE0206S	GHP06X ¹⁾	AKL06LS	KONU06L ¹⁾
	08	MOK08SX	MOKE0208S	GHP08X ¹⁾	AKL08LS	KONU08L ¹⁾
	10	MOK10SX	MOKE0210S	GHP10X ¹⁾	AKL10S	KONU10L ¹⁾
	12	MOK12SX	MOKE0212S	GHP12X ¹⁾	AKL12S	KONU12L ¹⁾
	14	MOK14SX	MOKE0214S	GHP14X	AKL14S	KONU14S
	16	MOK16SX	MOKE0216S	GHP16X	AKL16S	KONU16S
	20	MOK20SX	MOKE0220S	GHP20X	AKL20S	KONU20S
	25	MOK25SX	MOKE0225S	GHP25X	AKL25S	KONU25S
	30	MOK30SX	MOKE0230S	GHP30X	AKL30S	KONU30S
	38	MOK38SX	MOKE0238S	GHP38X	AKL38S	KONU38S

1. Backing plates, cone-templates and flaring die sets for series L and S for tube outer diameter 6, 8, 10 and 12 are the same.
2. Two-part backing plates for tube OD 35 and 42.

Setting pressures

Tube O.D. Ø mm	EO-2 P (bar)	PSR/DPR P (bar)
06	25	20
08	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



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

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