STAUFF Press
Portable Cutting Ring Assembly Machine with Manual Pressure Setting (Set)
Type SPR-PRC-H-SET

Product Description

With the battery-operated STAUFF Press Assembly Machine SPR-PRC-H-M, STAUFF provides an ergonomically designed, light-weight and at the same time robust device for the assembly of cutting rings in the Light Series (L) as well as in the Heavy Series (S) according to ISO 8434-1 / DIN 2353 on metric tube ends with outer diameters from 6 mm to 42 mm.

The machine has been designed for hand-held, tripod- or table-mounted operation and offers the best technical compromise between maximum flexibility, economic efficiency and a high level of process reliability with considerable reduction of time and cost for the assembly of cutting ring fittings.

Short tool change and setup times (with only a few seconds required to manually adjust the assembly pressure) make it possible to carry out the assembly of medium and even small quantities of cutting ring fittings, e.g. during maintenance, servicing, conversion and repair works on hydraulic pipe and tube systems. With the rechargeable battery being able to typically cover more than 200 assembly cycles per charge (depending on pressure settings and other influencing factors), the machine is also suitable for mass processing and production.

The assembly machine is by default supplied in a heavy-duty trolley transport case that is equipped with a range of accessories and also provides suitable space for the assembly studs.





Mode dial to manually adjust the pressure (settings indicated on the machine housing)



Status lights on the back of the machine housing





Assembly machine attached to a tripod stand using a mounting bracket

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Technical Data

Area of Application

- Function: Pressure-controlled assembly of cutting rings acc. to ISO 8434-1 / DIN 2353 on metric tube ends
  Light (L): 6, 8, 10, 12, 15, 18, 22, 28, 35 and 42 mm
  Heavy (S): 6, 8, 10, 12, 14, 16, 20, 25, 30 and 38 mm

Dimensions / Weight

- Dimensions (L x H x W): 440 mm x 330 mm x 80 mm
  17.32 in x 12.99 in x 3.15 in
  (including rechargeable battery)
- Weight (basic machine): 6,8 kg / 15 lbs
  (including rechargeable battery)
- Weight (case): 16,5 kg / 36 lbs
  (including assembly machine and accessories)
- Case: IP67 certified, equipped with o-ring seal and automatic pressure valve

Materials

- Machine cover: Plastic
- Tool head: Steel, uncoated, hardened
- Assembly studs: Stainless steel, hardened

Rechargeable Battery

- Typically covers more than 200 assembly cycles per charge (depending on pressure settings and other influencing factors)
- Battery type: Lithium-ion (18V / 3.0 Ah)

Charging Unit

- Charging time for empty batteries is approximately 75 minutes
- Power supply: 230 V AC @ 50 Hz - single-phase
- Electrical connection: 2-pin grounded safety plug (CEE 7/4, type F / Schuko)
- Cable length: 1,10 m / 3.61 ft

List of Components

Set supplied in a heavy-duty trolley transport case:

① Light-weight and ergonomically designed cutting ring assembly machine for the hand-held, tripod-mounted or table-mounted operation
② Rechargeable battery
③ Additional replacement battery
④ Battery quick charging unit
⑤ Clips (to keep the assembly stud in position)

Not displayed: Shoulder strap

Equipment to be ordered separately:

⑥ Assembly oil with brush (to lubricate the taper of the assembly stud)
⑦ Cutting Ring Assembly Studs **FI-MVK-PRC-H-M-HR**

Spare Parts

- Assembly oil with brush **SPR-PRC-H-M-OS**
  (required to lubricate the taper of the assembly stud)
- Rechargeable Battery **SPR-PRC-H-M-BP**
- Battery Quick Charging Unit **SPR-PRC-H-M-BC**

Accessories



- Tripod Stand **SPR-PRC-H-M-TP**



- Table Stand **SPR-PRC-H-M-TS**



- Mounting Bracket **SPR-PRC-H-M-MH**
  (required as a machine holder for both the tripod stand and the table stand)

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Cutting Ring Assembly Stud for Machine-Assisted Assembly
Type FI-MVK-PRC-H-M ▪ Series L / S



Series	Tube OD ($^{mm}/_{in}$)	Ordering Codes
L	6	FI-MVK-06L-PRC-H-M-HR
	.24	
	8	FI-MVK-08L-PRC-H-M-HR
	.31	
	10	FI-MVK-10L-PRC-H-M-HR
	.39	
	12	FI-MVK-12L-PRC-H-M-HR
	.47	
	15	FI-MVK-15L-PRC-H-M-HR
	.59	
	18	FI-MVK-18L-PRC-H-M-HR
	.71	
	22	FI-MVK-22L-PRC-H-M-HR
	.87	
	28	FI-MVK-28L-PRC-H-M-HR
	1.10	
	35	FI-MVK-35L-PRC-H-M-HR
	1.38	
	42	FI-MVK-42L-PRC-H-M-HR
	1.65	
S	6	FI-MVK-06S-PRC-H-M-HR
	.24	
	8	FI-MVK-08S-PRC-H-M-HR
	.31	
	10	FI-MVK-10S-PRC-H-M-HR
	.39	
	12	FI-MVK-12S-PRC-H-M-HR
	.47	
	14	FI-MVK-14S-PRC-H-M-HR
	.55	
	16	FI-MVK-16S-PRC-H-M-HR
	.63	
	20	FI-MVK-20S-PRC-H-M-HR
	.79	
	25	FI-MVK-25S-PRC-H-M-HR
	.98	
	30	FI-MVK-30S-PRC-H-M-HR
	1.18	
	38	FI-MVK-38S-PRC-H-M-HR
	1.50	

Materials / surface finishing: **HR** Stainless steel, hardened

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