



STAUFF-PRESS

**Local Solutions for
Individual Customers
Worldwide**

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Stauff Tube & Tube Fittings

- ◆ Steel Tube Connectors
- ◆ Seamless Carbon Steel Tube
- ◆ Stainless Steel Tube
- ◆ Seamless Stainless Steel Tube
- ◆ Quick Release Fittings
- ◆ SAE Flanges
- ◆ Tube Cleaning System
- ◆ Clamps
- ◆ Valves

40 Years of Experience Worldwide Distribution Prompt Delivery

STAUFF Tube, Tube Fittings & Clamp applications are almost unlimited. Due to the extraordinary wide program range, all areas of pipe, tube and hose installation are covered:

- ◆ Industrial Hydraulics
- ◆ Mobile Hydraulics
- ◆ Marine Hydraulics
- ◆ General Industrial Pipe Construction
- ◆ Mining Industry
- ◆ Nuclear Reactor Construction
- ◆ Instrumentation and Control Technology
- ◆ Pneumatics.

Flaring and cutting ring pre-assembly machine

The Stauff-Press flare & pre-assembly unit is designed to give leak free assembly of flaring or cutting ring fittings on tube or hose ends with minimum training of operators.

Benefits of the Stauff-Press:

- universally usable for pre-setting metric cutting ring assembly and also flaring inch tubes.
- suitable for all tube diameters from 6 to 42 mm, and 1/4 to 1 1/2 O.D.
- absolute leakage-free assembly due to accurate pressure adjustment.
- considerable reduction of times and cost for assembly.
- short set-up times when changing attachment, tube diameter or the fitting type.

The basic Stauff-Press unit with either its Flaring or Presetting attachment can be used alternatively for the preassembly of cutting rings or the flaring of tube ends at 37°. Different sets of tooling are required to suit tube sizes and fittings used.



For pre-assembling cutting rings, a set of pre-assembly tools and counter-support plates is necessary to fit onto the pre-assembly device. When pre-assembling cutting rings, the choice of correct tooling also depends on the series chosen, L = light or S = heavy which require different pressure for pre-assembly. For each type of cutting ring and tube size, a specific pre-assembly pressure is required and this is listed

in special pressure charts and adjusted via a digital pressure control which is manually set.

The switch over to the flaring function necessitates a separate attachment for flaring together with a set of flaring dies per tube diameter.



Pre-Setting



Ordering Codes:

Code	Description
STAUFF-PRESS	Flaring and cutting ring pre-assembly machine
SPFA	Flaring attachment
SPPSA	Pre-set attachment

Pre-setting cut ring tool metric*	
Code	Description
SPPSCRT06L	6mm
SPPSCRT06S	6mm
SPPSCRT08L	8mm
SPPSCRT08S	8mm
SPPSCRT10L	10mm
SPPSCRT10S	10mm
SPPSCRT12L	12mm
SPPSCRT12S	12mm
SPPSCRT14	14mm
SPPSCRT15	15mm
SPPSCRT16	16mm
SPPSCRT18	18mm
SPPSCRT20	20mm
SPPSCRT22	22mm
SPPSCRT25	25mm
SPPSCRT28	28mm
SPPSCRT30	30mm
SPPSCRT35	35mm
SPPSCRT38	38mm
SPPSCRT42	42mm

Counter support plate metric	
Code	Description
SPCSP06	6mm
SPCSP08	8mm
SPCSP10	10mm
SPCSP12	12mm
SPCSP14	14mm
SPCSP15	15mm
SPCSP16	16mm
SPCSP18	18mm
SPCSP20	20mm
SPCSP22	22mm
SPCSP25	25mm
SPCSP28	28mm
SPCSP30	30mm
SPCSP35	35mm
SPCSP38	38mm
SPCSP42	42mm

*Counter Support Plate required with each Pre-Setting Cut Ring Tool

Flare Die 37deg.imperial	
Code	Description
SPFT6350	6.35mm (1/4") OD
SPFT9530	9.53mm (3/8") OD
SPFT1270	12.70mm (1/2") OD
SPFT1588	15.88mm (5/8") OD
SPFT1905	19.05mm (3/4") OD
SPFT2540	25.40mm (1") OD
SPFT3180	31.80mm (1 1/4) OD
SPFT3810	38.10mm (1 1/2) OD



Once tooling is selected for either the Flaring or Pre-assembly function, the specific pressure for the nominated tube size and material can be selected from the pressure adjustment table located on top of the STAUFF-PRESS or in the operation manual. Accurate adjustment is made manually using the digital pressure control to give a leak free connection.

Technical Data

Capacity of hydraulic tank	3.3 l
Flow rate of hydraulic pump	2.5 l/min
Maximum hydraulic pressure	250 bar
Maximum noise level	65dB(A)
Dimensions	440x250x500 mm
Weight	64 kg
Operating voltage	240V, 50Hz



Flaring