# Multihead Hydraulic Swaging Unit SMHS Series

# **SUPERLOK**

# SMHS-A



Flaring unit & Cutting ring assembly unit

# SMHS-M

## **Operating Procedures**

- 1. Set swaging pressure
- 2. Install SUPERLOK Nut and Ferrule set.
- 3. Swage Ferrules onto tubing. While Holding the tubing against the piston shoulder, increase the hydraulic pressure by the handpump up to the set pressure until hearing the bell ring.
- 4. Unthread the SUPERLOK nut and remove the preswaged assembly.5. Install the preswaged assembly finger tight into a SUPERLOK body. While holding the body with a back-up wrench,
- tighten the nut 1/2 turn.

#### Features

- 1. Available the setting to adjust the pressure value according to the condition.
- 2. Activate the buzzer sound when complete to install in normal.
- 3. Asssemble it to check the set pressure value by naked eye.
- 4. Available to use without electric power supply.

### Pressure Setting & Recommended Minimum Wall Thickness of Tubing

Tube O.D (inch)	Stainless Steel	
	Tubing Wall inch (mm)	Set Pressure (bar)
3/4	0.065(1.65)	100
1	0.083 (2.11)	120
1-1/4	0.095 (2.41)	140
1-1/2	0.095 (2.41)	170
2	0.109 (2.77)	190

## Features | Equipment

- Compact and rugged table-top unit for mobile and flexible use
- Very well suited for both, assembly of most cutting rings and flaring (37° SAE, 10°) of tubes with Ø 6 42 mm
- Manual pressure adjustment with digital display
- Short assembling times of only few seconds
- Short set-up times when changing the tube diameter or the working method

### Options

• Storage box for cutting ring assembly tooling (assembling connections and counter-support plates)

#### Technical Data

Tube diameter range (OD)	6 - 42 mm
Hydraulics	3.7 l/min
Capacity of the hydraulic tank	31
Maximum hydraulic pressure	200 bar
Feed rate of the piston	7.5 mm/s
Dimensions (WxHxD)	535 x 285 x 500 mm

