



Smart Insert Mobile assembly machine for hydraulic mono fittings



Smart Insert

Powerful but easy to use

The SMART INSERT is a portable machine for the pre-assembly of hydraulic mono fittings. This all pneumatic control unit is simple to operate; the assembly pressure is set by 2-stage pressure regulator. The equipment is simple to use, robust and easy to move and compatible with all types fittings with size up to 2". The Smart Insert is an ideal piece of equipment for hydraulic service engineers.

Technical data:

Application:

Assembly of mono crimping hose fittings and push-lock fittings.

Process:

Clamping and inserting action are pneumatic logic controlled.

Drive:

Pneumatic

Capacity:

Hose I.D.: -32 (DN50)

Insert depth: max. 100mm

Fitting type:

straight, 45°, 90° elbow, flange

Crimping or self-tightening

Speed:

Total cycle time approx 5 to 10 secs.

Dimensions:

L 740 x W 600 x H 140 mm

Weight:

20 Kg

Compressed air source:

10bar

Operation:

For safety information, see machine operating manual.

1. Choose and set insert tool
2. Set the right working pressure in accordance with the chart
3. Mark the insert depth on hose according to fitting specification
4. Lubricate the hose and fitting with a bit of water
5. Manually insert fitting into hose approximate 5mm and set the fitting and hose in position.
6. Hold the hose with left hand and switch the lever valve with right hand to ON position.
7. Assembly inspection and final assembly should proceed in accordance with the operating manual

The machine is excellently suited to either regular service use, or series production.

Application areas:

- For the repair and maintenance or volume production of hose assembling procedure in both workshop and field operations

Advantages:

- Professional assembly
- Effort and time savings thanks to quick tool exchange
- Simple operation
- Portable and light
- Robust and mobile
- Quiet

Economic advantages:

- Inexpensive
- Economical mode of operation
- One cone tools compatible all straight fittings

Ordering machine

Type	Order code
basic machine Ready to operate, including operating manual one cone straight tool, one elbow fitting backing plate, dash size -6 steel scale for insert depth mark	AIO-32
Optional package 1 extending bar for small size fitting	TL-EXTB1
Optional package 2 Backing plates for elbow fitting	TL-#X

*X' indicates dash size 4, 6, 8, 10, 12, 16, 20, 24, 32