



# ***TPC-75***

## ***Compressed air flux feeder***

- **For confined areas**
- **For internal welding**
- **Uses compressed air - safe to use**

### **Flux feed from a remote container**

The TPC-75 flux feeder makes it possible to use submerged-arc welding in confined spaces with no room for the conventional flux hopper mounted on the welding head. For the internal welding, e.g. tubes, box grinders, small diameter cylinders, it often happens that there is insufficient space for the coil holder and the flux hopper. The flux and wire must therefore be fed from a position external to the workpiece.

The TPC-75 holds 75 litres of flux and by compressed air of 0.2-0.4 MPa it can feed the flux within a distance of 13 m max through hose.

### **Design**

TPC-75 consists of a pressure tank with filling funnel, a slag screen and a flux valve which closes when the flux feeder is under pressure. The compressed air is fed to the unit via a pressure regulator with an automatic moisture trap and a nipple for 10 mm compressed air hose.

At the bottom of the tank is the flux feed connection for 1" (25.4 mm) outlet hose. In addition the TPC-75 is fitted with a safety valve and a tap for decompression of the tank.

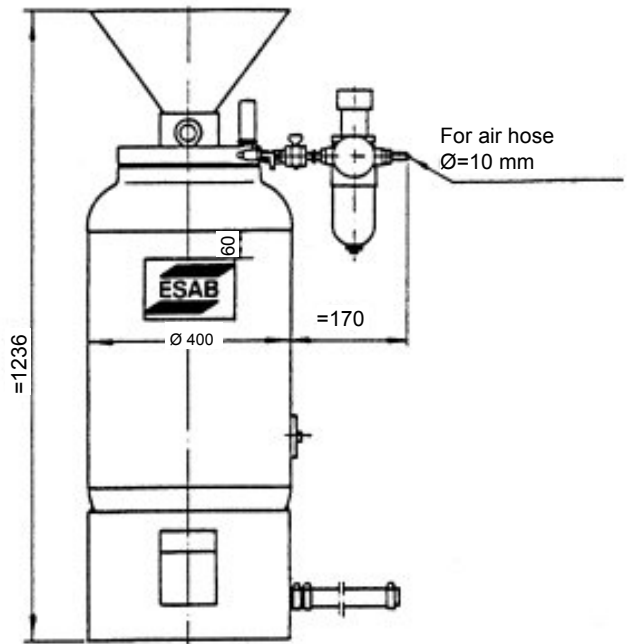


## Technical data

Feed method	Compressed air
Max feed length	13 m
Working pressure	0.2 -0.4 MPa
Max pressure	0.6 MPa
Compressed air hose	Ø = 10 mm
Feed capacity	see diagram
Flux volume	75 litres
Weight without flux	100 kg

## Ordering information

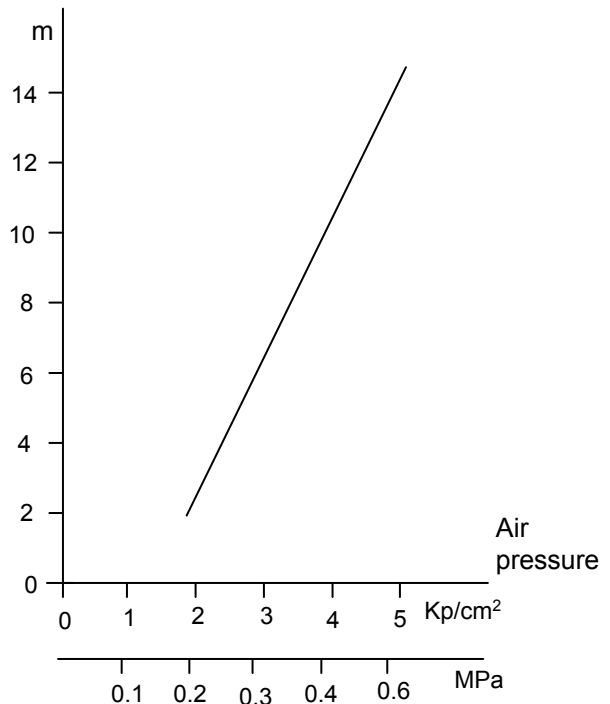
TPC-75 compressed air flux feeder, incl 25 m flux feed hose	0333 225 880
TPC-75 incl suspension device, and 25 m flux feed hose	0333 553 880
Flux feed hose D35/25.4 mm	0190 315 109



## Flux feed rate

Flux feed height as a function of air pressure, for flux supplied at a rate of 2 l/min through a 40 m long 1" plastic hose.

Flux feed height



ESAB reserves the right to alter specifications without prior notice  
ESAB is approved according to ISO 9001:2000



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