

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.

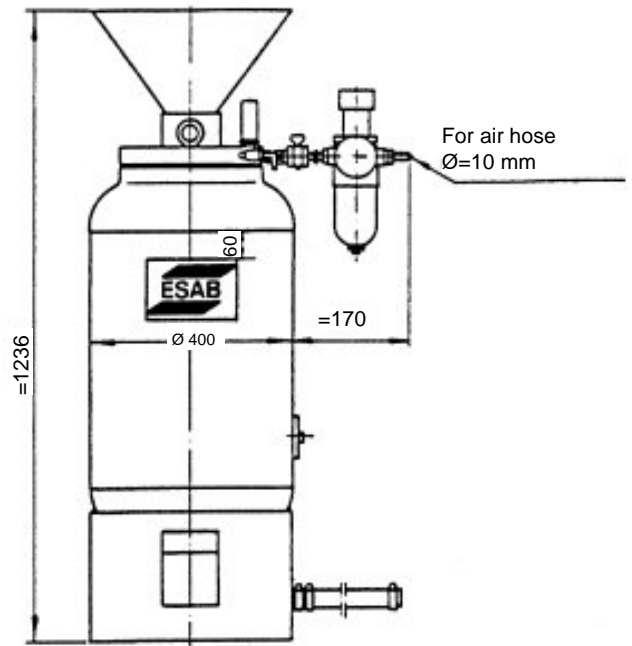


Technical data

| | |
|---------------------|----------------|
| 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

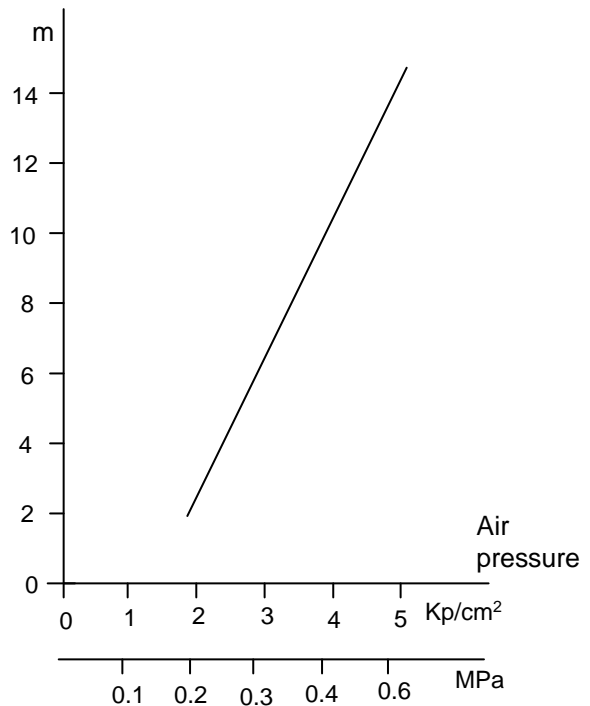
| | |
|---|--------------|
| TPC-75 compressed air flux feeder, incl 25 m flux feed hose | 0333 225 880 |
| TPC-75 incl suspension device, and 25 m flux feed hose | 0333 553 880 |
| Flux feed hose D35/25.4 mm | 0190 315 109 |



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 AB
Welding Equipment
SE-695 81 LAXÅ SWEDEN
Phone: +46 584 81000
Fax: +46 584 411721
E-mail: info@esab.se

www.esab.com

