

Type **TS200 / TS250**

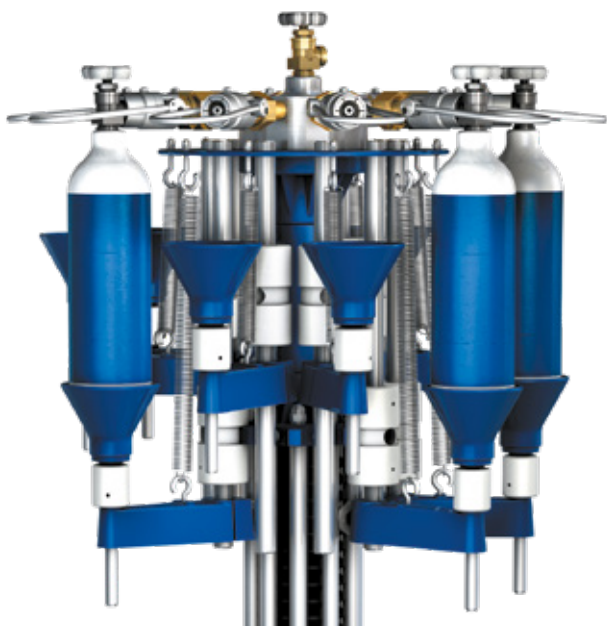
WEH[®] Filling rig

for gas cylinders up to 10 litres nominal volume



General

DESCRIPTION



Features

- Connection in seconds
- No hand tightening required
- The filling rig can be easily connected to existing filling systems without additional and expensive tubing
- Varying cylinder sizes can be filled without additional pedestals, plug-ins, mountings that are necessary for other filling rigs
- Easy access from all sides
- Small footprint
- Innovative distribution head avoids costly high pressure tubing
- Filling of gas cylinders becomes even easier and more efficient

The type TS200 / TS250 radial filling rigs are designed to simultaneously fill between 1 and 10 gas cylinders of sizes varying between 0.5 and 10 litres nominal volume. Ease of operation is achieved by integrating a range of WEH® Connectors: e.g. type TW54, TW57, TW101, TW102 or TW42, TW49 to achieve connection and commencement of filling within seconds. This design avoids placing the cylinders on a pallet filling rig. A spring balance supports the weight of the gas cylinders. Cylinders can be connected without hand tightening.

Application

Radial, rotating filling rig for gas cylinders up to 10 litres nominal volume.

TECHNICAL DATA

Characteristic	Basic version
Pressure range*	PN = 200 bar PS = 250 bar PT = 375 bar PN = 300 bar PS = 375 bar PT = 565 bar
Temperature range*	+5 °C up to +80 °C +5 °C up to +60 °C (O ₂)
Medium	Oxygen, nitrogen, CO ₂ , air, inert/flammable gases, medical gases
Material	Load-bearing central pillar: steel, coated finish Distribution head: corrosion resistant stainless steel Cylinder support adapter: aluminium, coated finish Pallet base frame: steel, galvanized All other parts in corrosion resistant material
Design	WEH® Connector type TW54, TW57, TW101 or TW102 TS200: gas cylinders with a max. height up to approx. 580 mm TS250: gas cylinders with a max. height between 532 mm and 830 mm Filling rig with pallet base frame or optionally with mobile base frame
Weight	Approx. 180 kg

* Pressure and temperature range depending on WEH® Connector used!

Example of use:



Function

FUNCTION

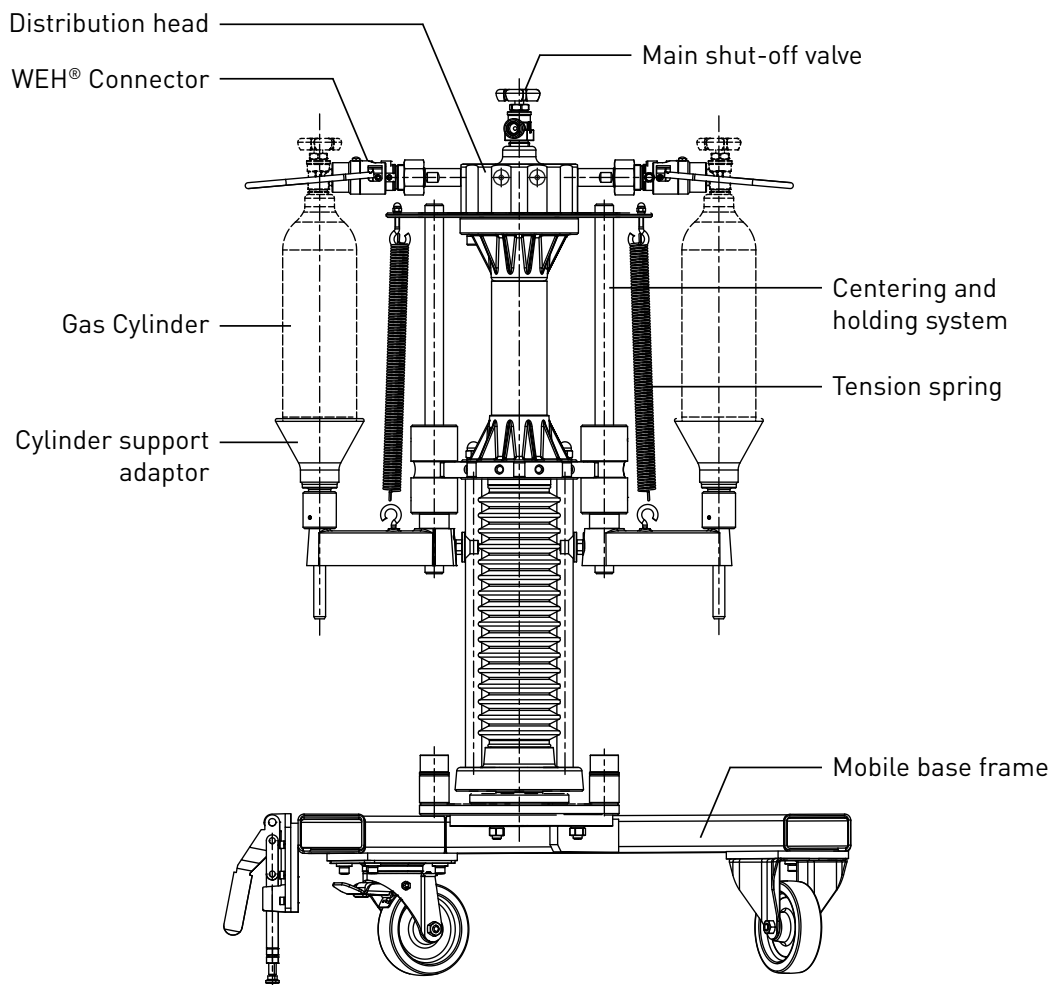
The filling rig is connected by means of a flexible hose to the central main stop valve which has the same termination as the cylinder valve.

The gas flow is distributed in up to ten single gas cylinders via the radial bores of the rotating distribution head and the WEH® Connectors.

Counterbalancing the different heights and weights of the gas cylinders is effected by specific cylinder support adaptors and by the centering system with its tension springs. The distribution head engages at each cylinder position and the centering and holding system facilitates the loading of the filling rig with small cylinders.

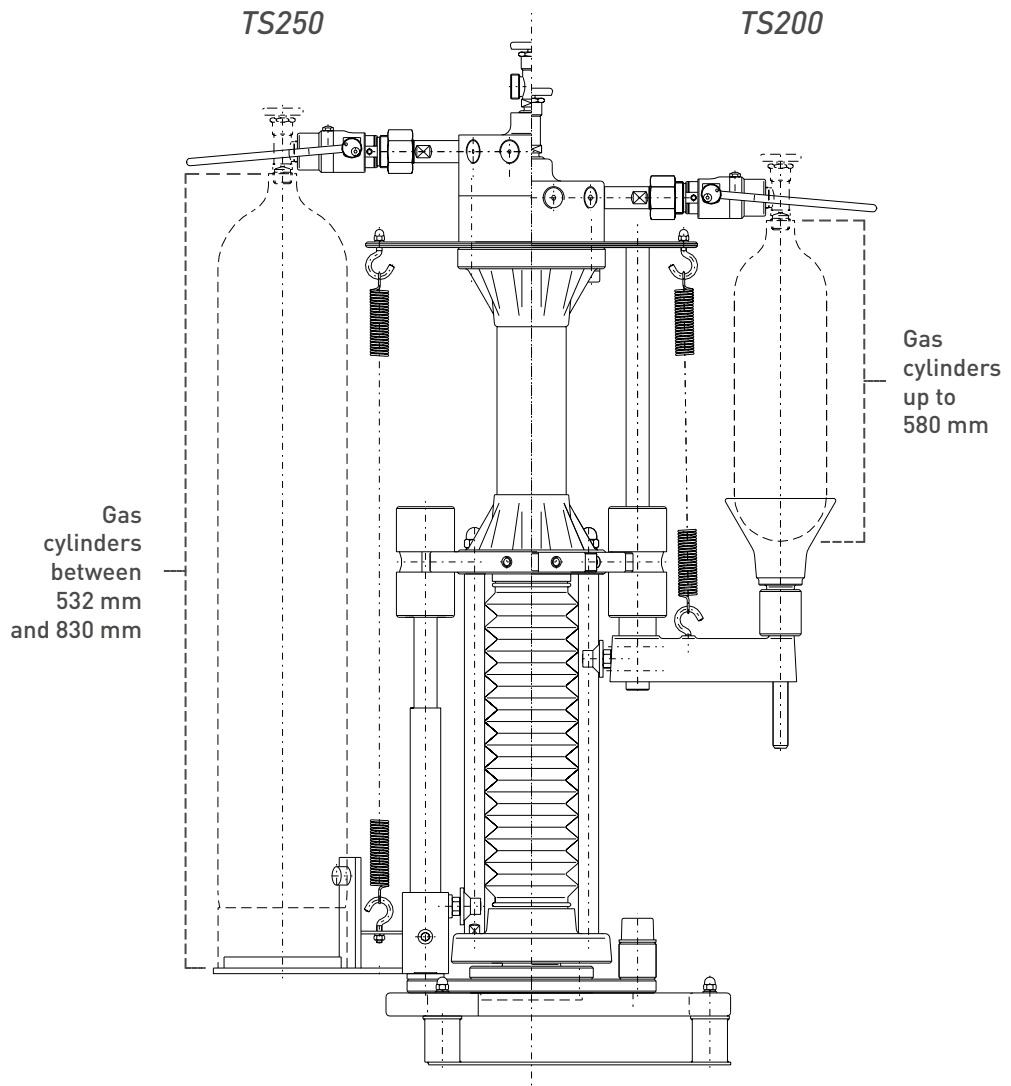
The filling rig can be easily transported with the pallet base frame by means of a fork-lift.

Type TS200/TS250 is also available with a mobile base frame.



Ordering

ORDERING | Radial filling rig TS200 and TS250



Part No.	Description	Pressure (PN)	Max. height of cylinders
On request	TS200 filling rig with WEH® Connectors	200 bar / 300 bar	Up to approx. 580 mm
On request	TS250 filling rig with WEH® Connectors	200 bar / 300 bar	Between 532mm and 830 mm

Accessories

ACCESSORIES

The following accessories are available for type TS200 / TS250:

Mobile base frame with wheels and locking brake

A mobile base frame with braking system is available as an option for the types TS200 and TS250 for in-house transport of the filling rig.



Part No.	Description
W6688	Mobile base frame with wheels and locking brake for type TS200 / TS250

Other products

OTHER PRODUCTS

You will find more products in our current catalogue no. 20



Further information on our homepage
www.weh.com

Abbreviations/Definition

Explanation of abbreviations see technical appendix in the catalogue or www.weh.com

Safe product selection

Our WEH® Products are designed to be operated by qualified professional users (insofar as WEH® Products are also designed to be operated by other users in individual cases, this is explicitly stated in the corresponding operating instructions). You alone are responsible for the selection of WEH® Products and their configuration according to the requirements of your system. In doing so, please particularly consider your intended use, your performance data, your material compatibility, your system concept and your system limits as well as your technical and legal requirements for operation, handling and maintenance. The quality and safety of WEH® Products is our highest priority. For this reason, WEH® Products may not be used outside the specifications in the relevant data sheets and product descriptions. We also strongly recommend that you refrain from using third-party spare parts or a combination of WEH® Products with unsuitable third-party products. You alone are responsible for reviewing the suitability of third-party products. WEH® Products and WEH® Spare parts comply with our quality and safety standards.

Explanation on the Pressure Equipment Directive

These WEH® Products are generally and exclusively classified as pressure accessories for piping in accordance with Article 2 (5) of the Pressure Equipment Directive 2014/68/EU. These WEH® Products may not be used (i) as safety accessories or (ii) for vessels as defined by the Pressure Equipment Directive 2014/68/EU. Therefore, the application of these WEH® Products must comply with their classification as pressure accessories for piping. The assessment with regard to a different classification can, however, be made on request.

External change management

WEH reserves the right to update, optimise and adjust its products continuously. This may result in corresponding changes of the product. Customers will be informed proactively or unsolicited by WEH only in individual cases about product updates, product optimisations and/or product adaptations that have been carried out. You are free to contact WEH at any time to request information about any product updates, product optimisations and/or product adjustments.

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» Contact

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