

# CFA MOBIL Carbon Dioxide Filling Unit

***Easy and precise filling of CO<sub>2</sub>  
from the liquid phase***

***Transportable filling unit***

***Modular filling concept***

All CO<sub>2</sub> bottles from 2 – 30 kg can be filled using the CFA MOBIL Carbon Dioxide Filling Unit. Various additional equipment guarantees that many other filling applications are possible.

For supplying CO<sub>2</sub> the unit can be connected to CO<sub>2</sub> bottles with an ascending pipe or to CO<sub>2</sub> medium-pressure tanks (approx. 50 bar). The filling valve and the connection hoses are supplied as standard items.

The unit inlet contains a special steel filter, which protects the pump from impurities from the CO<sub>2</sub> storage bottle or the CO<sub>2</sub> storage tank.

Internal CO<sub>2</sub> cartridges, external CO<sub>2</sub> bottles and CO<sub>2</sub> fire extinguishers up to 6 kg can alternatively be filled with the supplementary components Digital I or Digital II, which are available as accessories. These units are connected to the CFA MOBIL electrically and with a CO<sub>2</sub> high-pressure hose.



***Fig. 1: The CFA MOBIL is a filling unit with all-round qualities. A particular advantage is the option of extending the equipment at a later date should the requirements increase.***



***Fig. 2: The modular design of the CFA MOBIL facilitates application-oriented work places. For example, in this case the CFA MOBIL is mounted on the work bench, which is available as an accessory, with the supplementary component Digital II, including the F1 filling head. Larger CO<sub>2</sub> bottles can be processed with the additional floor scales platform for the supplementary components Digital I or Digital II.***

## **Accessories (extra charge):**

Digital floor scales platform for CO<sub>2</sub> bottles up to 20 kg (see Fig. 2)  
**Art. No. 186158**

Work bench (see Fig. 2)  
**Art. No. 186332**

Tool board for work bench  
**Art. No. 186333**

Holder for a CO<sub>2</sub> storage bottle  
**Art. No. 186330**

Collecting line for connecting 2 to a maximum of 6 CO<sub>2</sub> storage bottles (with ascending pipes)  
**Art. No. 186106**  
(per connector)



**Fig. 3: Digital floor scales for CO<sub>2</sub> bottles 2 – 20 kg, with programmable display unit and automatic cut-out, including drop-down ramp (without bottle).**

(Filling valve and connection hose are already supplied with the CFA MOBIL as a standard item)  
**Art. No. 186149**

## Modular filling concept with expandable applications

System		Filling Application
CFA MOBIL (standard equipment)		CO <sub>2</sub> bottles, 2 - 30 kg
<u>with accessory</u>	or	<u>with accessory</u>
- - -		Supplem. component Digital II (Fig. 6)
Digital Floor Scales (Fig. 3)		Supplem. component Digital II (Fig. 6) plus digital floor scales platform (Fig. 2)
Supplem. component Digital I (Fig. 4)		Supplem. component Digital II (Fig. 6) plus F3 filling head (Fig. 8)
Supplem. component Digital I (Fig. 4) plus F2M filling head (Fig. 5)		Supplem. component Digital II (Fig. 6) plus F2 filling head (Fig. 7)
		Internal CO <sub>2</sub> cartridges
		CO <sub>2</sub> bottles up to 20 kg
		CO <sub>2</sub> bottles up to 6 kg CO <sub>2</sub> fire extinguishers, 2-6 kg
		External CO <sub>2</sub> bottles up to 300 g

### Accessories (extra charge):



Fig. 4: Supplementary component Digital I with automatically cutting-out scales and F3M filling head for CO<sub>2</sub> bottles up to 6 kg and CO<sub>2</sub> fire extinguishers from 2-6 kg  
[Art. No. 186156](#)



Fig. 5: F2M filling head for external CO<sub>2</sub> bottles with turning valve up to 300 g  
[Art. No. 186102](#)



Fig. 6: Supplementary component Digital II with automatically cutting-out scales and F1 filling head for internal CO<sub>2</sub> cartridges  
[Art. No. 186155](#)

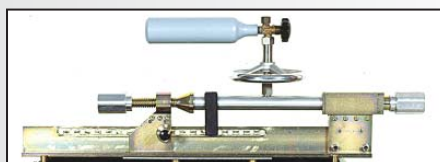


Fig. 7: F2 filling head for external CO<sub>2</sub> bottles with turning valve up to 300 g  
[Art. No. 186103](#)

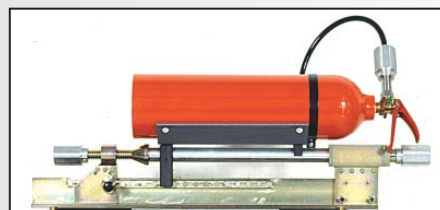


Fig. 8: F3 filling head for CO<sub>2</sub> fire extinguishers, 2 - 6 kg  
[Art. No. 186104](#)

### Additional accessories

for filling CO<sub>2</sub> cartridges which are compatible with the F1 filling head (please state make and model of the fire extinguisher):



Fig. 9: (examples) Attachment flange  
[Art. No. 186108](#)



Fig. 10: (examples) Locking inserts  
[Art. No. 186105](#)

### Technical data for CFA MOBIL

(EN ISO 12100-1, EN ISO 12100-2, EN 60204)

[Art. No. 186141](#)

Filling output: 3.5 kg/min

Mechanical safety valve: 130 bar



Protection Class: IP54

### Electric motor:

230 V, 50 Hz, 1.1 kW, 1440 min<sup>-1</sup>  
Special voltages and other frequencies available on request

5 m cable feed, oil and acid-resistant:  
H07RN-F 3 G 1.5 mm<sup>2</sup>

Weight: 42 kg

Dimensions:  
315 mm height  
560 mm width  
360 mm depth

Colour:  
Silver grey, hammer finish