

# CO<sub>2</sub> Cylinder Filling

## ASCO CO<sub>2</sub> Cylinder Filling System LH900

part no. 901351



The **ASCO LH900 Liquid CO<sub>2</sub> Filling Pump** has been developed as a universal unit for filling high pressure CO<sub>2</sub> cylinders by weight.

Like all **ASCO** Equipment, the Cylinder Filling and Weighing System is thoroughly factory pretested before dispatch.

Thanks to the separate control unit, the pump can be placed in a different location if wanted.

### Easy operation

Via the weighing platform the exact bottle weight is determined and shown on the display. This enables the user to check whether the empty bottle weight is correct.

The selected filling weight can now be set on the display (if the same bottle size is filled several times with the same amount, it only has to be entered once).

If the desired filling weight has been reached, the solenoid valves activate the bypass. The CO<sub>2</sub> bottle can now be easily and safely uncoupled. This ensures easy and safe handling.

Specifications	LH900	LH900 TwinFill
<b>Measurements (W×D×H):</b>		
Pump stand	845 x 600 x 675 mm (33 x 24 x 27 in)	845 x 600 x 675 mm (33 x 24 x 27 in)
Control panel	505 x 500 x min. 1'035 mm (max 1'335 mm) (20 x 20 x min. 41 in) (max. 53 in)	915 x 615 x 1'210 mm (36 x 24 x 48 in)
Floor scale	635 x 575 x 2'200 mm (25 x 23 x 87 in)	630 x 590 x 2'200 mm (25 x 23 x 87 in)
<b>Weights:</b>		
Floor weighing platform	150 kg max. loading (330 lb)	150 kg max. loading (330 lb)
Pump stand	134 kg (295 lb)	134 kg (295 lb)
Control panel	37 kg with tripod (81 lb)	94 kg (207 lb)
Floor scale	55 kg (121 lb)	60 kg (132 lb)
Power consumption el. motor	4 KW	4 KW
Voltage	400 VAC ±5 %/50 Hz/3 Ph + PE + N (other voltages and frequencies on request)	400 VAC ±5 %/50 Hz/3 Ph + PE + N (other voltages and frequencies on request)
Safety valve inlet	40 bar (580 psi)	40 bar (580 psi)
Safety valve outlet	130 bar (1886 psi)	130 bar (1886 psi)

## ASCO LH900: Standard scope of supply

### ASCO CO<sub>2</sub> Cylinder Filling Pump LH900

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Complete CO<sub>2</sub> cylinder filling pump with a capacity of 900 kg/h (1'984 lb/h), with automatic revert and automatic shut-off.

Comprising of:

- pump with motor on base frame
- filling armature
- filling stand with weighing system
- control unit
- connection hoses between pump and control stand / control stand and filling stand 1.5 m (59 in)
- **1 x Filling head quick connector standard CO<sub>2</sub> included:**
  - W21.8 x 1/14" DIN 477 Nr.6, Type B-Thread (4043971)



### ASCO CO<sub>2</sub> Cylinder Filling Pump LH900 TwinFill

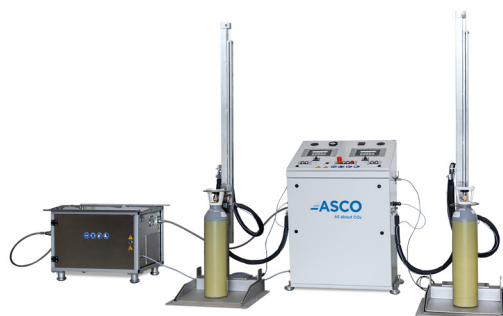
part no. 901280

Complete CO<sub>2</sub> cylinder filling pump with a capacity of 900 kg/h (1'984 lb/h), with automatic revert and automatic shut-off. As TwinFill version, the LH900 has two filling stands with integrated weighing units and an advanced filling control.

The extended filling control unit with connections for two separate filling armatures and two filling stands allows independent operation on each filling stand. Therefore a CO<sub>2</sub> bottle can be prepared on one stand while a bottle is being filled at the other stand. A parallel or alternately filling of both bottles is therefore flexibly possible.

Comprising of:

- pump with motor on base frame
- filling armature
- two filling stands with weighing system
- connection hoses between pump and control stand / control stand and filling stand 1.5 m (59 in)
- **2 x filling head quick connector standard CO<sub>2</sub> included:**
  - W21.8 x 1/14" DIN 477 Nr.6, Type B-Thread (4043971)



## ASCO LH900: Options

Pos. 001

### Adhesive label printer

part no. 4063981

For PE film labels containing

- date / time
- tare
- net and gross weight
- fillers identification

Including interface unit and connection cables. TwinFill version needs 2 printers.

Must be ordered and calibrated with the system. Subsequent installation is not possible.



## ASCO LH900: Options

Pos. 002

### Filling head quick connect standard CO<sub>2</sub>

W21.8 x 1/14" DIN 477 Nr.6, Type B thread

part no. 4043971



Pos. 003

### Filling head quick connect

CGA 320 ANG

part no. 4044082



Pos. 004

### Filling head quick connect

3/4"

part no. 4044006



Pos. 005

### Filling head quick connect

Pin

part no. 4044083



Pos. 006

### Connecting Kit LH900 / LH900 TwinFill

This set of flexible high pressure hoses provides a safe connection between the Cylinder Filling Pump and the LCO<sub>2</sub> pipework.

Length: 1.5 m (4.9 ft)

Connection inlet: 22LR-G3/4"

Connection outlet: 15LR-G1/2"

part no. 4044065



Pos. 007

### Spare parts kit

Includes a recommended selection of spare parts to ensure constant operation.

part no. 4067591



Sample image