



ASCO CO₂ Cylinder Filling System LH900

The ASCO LH900 CO₂ cylinder filling system was developed as a universal device for weight filling of high-pressure CO₂ cylinders. Like all ASCO devices, the entire electronic cylinder filling and weighing system is carefully tested at the factory before delivery.

Easy operation

The weighing platform determines the exact empty bottle weight and displays it on the screen. This allows the user to check whether the empty bottle weight is correct..

The selected filling weight can now be set on the display. Once the desired filling weight has been reached, the solenoid valves activate the bypass. The CO₂ cylinder can now be disconnected easily and safely. This ensures simple and safe working.



Benefits:

- Universal filling
- Precise weighing
- Robust construction
- Adjustable filling weight

Specifications:

	LH900	LH900 TwinFill
Measurements (WxDxH):		
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 (20 x 20 x min. 41 in)	915 x 615 x 1'210 mm (36 x 24 x 48 in)
Floor scale	630x590 x 2'200 mm (25 x 23 x 87 in)	630 x 590 x 2'200 mm (25 x 23 x 87 in)
Weights:		
Floor weighing platform:	150 kg max. loading (330 lb)	150 kg max. loading (330 lb)
Min. height filling connector	575 mm (23 in)	575 mm (23 in)
Max. height filling connector	1750 mm (69 in)	1750 mm (69 in)
Pump stand	134 kg (295 lb)	134 kg (295 lb)
Control panel	37 kg (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	480 VAC ±5 % / 60 Hz / 3 Ph + PE + N	480 VAC ±5 % / 60 Hz / 3 Ph + PE + N
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 CO₂ Cylinder Filling Pump LH900

Art.-Nr. 901250

Complete CO₂ cylinder filling pump with a capacity of 900 kg/h (1'984 lb/h), with automatic reflux and automatic shut-off.

Comprising of:

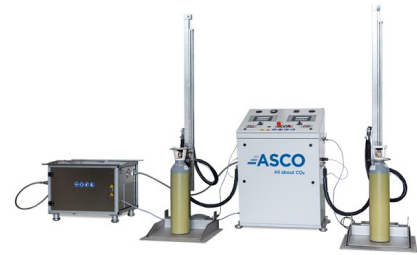
- pump with motor on base frame
- filling armature
- filling stand with weighing system
- control unit
- connection hoses between pump and control stand / control stand and filling stand 1.5 m (59 in)
- **1 x Filling head quick connector standard CO₂ included:**
- W21.8 x 1/14" DIN 477 Nr.6, Type B-Thread (4043971)



ASCO CO₂ Cylinder Filling Pump LH900 TwinFill

Art.-Nr. 901330

Complete CO₂ cylinder filling pump with a capacity of 900 kg/h (1'984 lb / h), with automatic reflux 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 CO₂ 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 CO₂ included:**
 - W21.8 x 1/14" DIN 477 Nr.6, Type B-Thread (4043971)

ASCO LH900: Options

Adhesive label printer

Art.-Nr. 4063981

For PE film labels containing

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



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

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

Filling head quick connect standard CO₂

Art.-Nr. 4043971

Pos. 002

Complete filling fitting with bracket and filling head for W21.8 x 1/14" DIN 477 Nr.6, Type B thread valves.
(Filling head standard CO₂, front part - 4044179)



Filling head quick connect

Art.-Nr. 4044082

Pos. 003

Complete filling fitting with bracket and filling head for CGA 320 ANG valves.
(Filling head CGA 320 ANG, front part - 4044182)



Filling head quick connect

Art.-Nr. 4044006

Pos. 004

Complete filling fitting with bracket and filling head for 3/4" valves.
(Filling head 3/4", front part - 4044178)



Filling head quick connect

Art.-Nr. 4044083

Pos. 005

Complete filling fitting with bracket and filling head for residual pressure valves with Pin. W21.8 x 1/14" DIN 477 No. 6, Type B thread
(Filling head with Pin, front part - 4044180)



Connecting Kit LH900 / LH900 TwinFill

Art.-Nr. 4044065

Pos. 006

This set of flexible high pressure hoses provides a safe connection between the Cylinder Filling Pump and the LCO₂ pipework.
Length: 1.5 m (4.9 ft)
Connection inlet: 22LR-G3/4"
Connection outlet: 15LR-G1/2"



Spare Parts Package für LH900

Art.-Nr. 4067591

Pos. 007

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