

CO₂ Cylinder Filling

ASCO CO₂ Cylinder Filling System LH900

part no. 901250



The **ASCO LH900 Liquid CO₂ Filling Pump** has been developed as an universal unit for filling high pressure CO₂ cylinders by weight.

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

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

Easy operation

Switch on your **ASCO LH900** and the unit automatically tares itself to „0“ which will show on the indicator display.

After placing a cylinder on the platform, the display will show the accurate tare weight of the cylinder, allowing the operator to check whether the empty cylinder weight is correct.

The chosen filling weight can now be set on the display by pressing the relevant keys (when filling the same size of cylinder, the filling weight needs only be entered once).

When the desired filling weight is reached and displayed, the solenoid valves of the ASCO LH900 will automatically switch to run the system in by-pass. The CO₂ cylinder can now easily be disconnected.

Advantages of an ASCO LH900:

- automatic operation
- accurate filling
- reliable design
- robust construction
- low cost investment
- easy and safe to operate

Specifications

Dimension (L × W × H)	
Pump stand:	845 x 610 x 605 mm (33 x 24 x 24 in)
Control desk:	500 x 505 x 1'035 mm (20 x 20 x 41 in)
Floor scale:	995 x 600 x 2'120 mm (39 x 24 x 84 in)
Weight net:	285 kg (628 lb)
Nominal capacity:	900 kg/h (1'984 lb/h)
Operating voltage:	480 V, 60 Hz, 3 Ph + N + PE (other voltages on request)
Max. power consumption:	4 kW (5.36 HP)
Operating pressure:	100 bar (1'450 psi)
Max. pressure:	130 bar (1'885 psi)
Inlet pressure (approx.)	15 to 20 bar (218 to 290 psi)
CO ₂ inlet connection:	Ø OD 22 mm (0.87 in) (from CO ₂ tank to pump)
CO ₂ outlet connection:	Ø OD 15 mm (0.59 in) (from pump back to tank, by-pass)

ASCO LH900: Standard scope of supply

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Complete CO₂ 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
- weighing system
- control unit
- **1 Filling head quick connector (to choose from below):**
 - W21.8 x 1/14" DIN 477 Nr.6, Type B thread (4043971)
 - CGA 320 ANG (4044082)
 - 3/4" (4044006)
 - with pin (4044083)



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



Pos. 002

Filling head quick connect standard CO₂

part no. 4043971

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



Pos. 003

Filling head quick connect

part no. 4044082

CGA 320 ANG



Pos. 004

Filling head quick connect

part no. 4044006

3/4"



Pos. 005

Filling head quick connect

part no. 4044083

with pin



ASCO LH900: Options

Pos. 006

Connecting Kit LH900

This set of flexible high pressure hoses provides a safe connection between the Cylinder Filling Pump and the CO₂ pipework.

Length: 1.5 m

Connection inlet: 22LR-G3/4"

Connection outlet: 15LR-G1/2"

part no. 4044065



Pos. 007

TwinFill Option LH900

Additional filling stand for the ASCO CO₂ Cylinder Filling System LH900.

Thanks to the additional filling stand one cylinder can be filled while on the second filling stand the next cylinder is prepared for filling.

part no. 901280

