

ICON LSE

Electric



	ICON LSE 50 EM	ICON LSE 100 EM	ICON LSE 100 ET
Charging rate	50 l/min	100 l/min	100 l/min
Filling time ¹	40 min	20 min	20 min
Engine power	1,1 kW Single-phase electric	2,2 kW Single-phase electric	3 kW Three-phase electric
Dimensions ² (L x D x H)	61 × 37 × 39 cm 24 × 14.5 × 15.3 in		61 × 35 × 39 cm 24 × 13.8 × 15.3 in
Weight ² (dry weight)	39 kg 83.7 lb		

¹ Filling time 10 l empty cylinder - 0/200 bar (tolerance ±5%)

² Standard model. Weight and dimensions may vary depending on accessories.

A great little portable

The Icon LSE series are the world's most widely used portable compressors. Due to their small size and light weight, the models are perfect for a wide range of needs: high-pressure breathing air for diving, recreation, fire fighting and paintball facilities. The models are available with petrol or electric motors, both three-phase and single-phase, and are equipped with the GP 100 pumping unit. Standard equipment includes a hose fill port with operating pressures from 232 to 330 bar. The user experience is highly customizable with the various options available such as pressure maintenance valve, automatic condensate drain and autostop.

Working pressure from 232 to 330 bar

Standard equipments



Filling connection
DIN 232 bar



Filling connection
DIN 300 bar



Filling connection
INT/YOKE 232 bar



Filling hose of 1.2 m
length



Hour meter
Only for single-phase
electric motor



Frame color Black
RAL 9005

Optional



Autostop



Automatic condensate
drain with timer



C-Monitor



Pressure maintaining
valve

ICON LSE Stainless steel

Electric



	ICON LSE INOX 50 EM	ICON LSE INOX 100 EM	ICON LSE INOX 100 ET
Charging rate	50 l/min	100 l/min	100 l/min
Filling time ¹	40 min	20 min	20 min
Engine power	1,1 kW Single-phase electric	2,2 kW Single-phase electric	3 kW Three-phase electric
Dimensions ² (L x D x H)	61 x 37 x 39 cm 24 x 14.5 x 15.3 in		61 x 35 x 39 cm 24 x 13.8 x 15.3 in
Weight ² (dry weight)		39 kg 83.7 lb	

1 Filling time 10 l empty cylinder - 0/200 bar (tolerance ±5%)
2 Standard model. Weight and dimensions may vary depending on accessories.

A great little portable

The Icon LSE Stainless steel series are the world's most widely used portable compressors. Due to their small size and light weight, the models are perfect for a wide range of needs: high-pressure breathing air for diving, recreation, fire fighting and paintball facilities. The models are available with petrol or electric motors, both three-phase and single-phase, and are equipped with the GP 100 pumping unit. Standard equipment includes a hose fill port with operating pressures from 232 to 330 bar. The user experience is highly customizable with the various options available such as pressure maintenance valve, automatic condensate drain and autostop.

Working pressure from 232 to 330 bar

Standard equipments



Filling connection
DIN 232 bar



Filling connection
DIN 300 bar



Filling connection
INT/YOKE 232 bar



Filling hose of 1.2 m
length



Hour meter
Only for single-phase
electric motor



Stainless steel frame

Optional



Autostop



Automatic condensate
drain with timer



C-Monitor



Pressure maintaining
valve

ICON PETROL

Petrol



ICON 100 SH
Petrol HONDA GP 200

ICON 100 SK
Petrol KOHLER SH 265

Charging rate

100 l/min

100 l/min

Filling time¹

20 min

20 min

Engine power

4,3 kW
Petrol HONDA GP 200

4,1 kW
Petrol KOHLER SH 200

Dimensions²
(L x D x H)

61 × 37 × 39 cm
24 × 14.5 × 15.3 in

Weight²
(dry weight)

39 kg
83.7 lb

¹ Filling time 10 l empty cylinder - 0/200 bar (tolerance ±5%)

² Standard model. Weight and dimensions may vary depending on accessories.

Dedicated to the most extreme journeys

Part of the **ICON PETROL** series are the most widely used portable compressors in the world. By virtue of their small size and low weight, the models are perfect for widely varying needs: high-pressure breathing air for diving, recreation, fire services, and paintball facilities. The models are available with gasoline or electric motors, either three-phase or single-phase, and are equipped with the GP 100 pumping unit. Standard equipment includes a hose fill connection with operating pressures from 232 to 330 bar. The user experience is highly customizable with the various options available such as pressure maintenance valve, automatic condensate drain and autostop.

Working pressure from 232 to 330 bar

	ICON 100 SH Petrol HONDA GP 200	ICON 100 SK Petrol KOHLER SH 265
Fuel tank capacity	3,1 liters	3,1 liters
Fuel consumption at continuous power	1,7 l/h – 3600 rpm	1,7 l/h – 3600 rpm

Standard equipments



Filling connection
DIN 232 bar



Filling connection
DIN 300 bar



Filling connection
INT/YOKE 232 bar




Filling hose of 1.2 m
length




Frame color Black
RAL 9005


Optional




Autostop




Automatic condensate
drain with timer
Only with battery



C-Monitor



Remote suction hose
kit



Pressure maintaining
valve

ICON PETROL

Stainless steel

Petrol



ICON INOX 100 SH
Petrol HONDA GP 200

Charging rate

100 l/min

Filling time¹

20 min

Engine power

4,3 kW
Petrol HONDA GP 200

Dimensions²
(L x D x H)

61 × 37 × 39 cm
24 × 14.5 × 15.3 in

Weight²
(dry weight)

39 kg
83.7 lb

¹ Filling time 10 l empty cylinder - 0/200 bar (tolerance ±5%)

² Standard model. Weight and dimensions may vary depending on accessories.

Dedicated to the most extreme journeys

ICON INOX 100 SH Petrol HONDA GP 200

Fuel tank capacity	3,1 liters
Fuel consumption at continuous power	1,7 l/hour – 3600 giri/min

Working pressure from 232 to 330 bar

Standard equipments



Filling connection
DIN 232 bar



Filling connection
DIN 300 bar



Filling connection
INT/YOKE 232 bar



Filling hose of 1.2 m
length



Stainless steel frame

Optional



Autostop



Automatic condensate
drain with timer
Only with battery



C-Monitor



Remote suction hose
kit



Pressure maintaining
valve

MINI COMPACT

Electric



MINI COMPACT 100 EM

MINI COMPACT 100 ET

Charging rate

100 l/min**100** l/minFilling time¹**20** min**20** min

Engine power

2,2 kW
Single-phase electric**3** kW
Three-phase electricDimensions²
(L x D x H)**62,4 × 38 × 43** cm
24.5 × 15 × 16.9 inWeight²
(dry weight)**57,1** kg
125.8 lb¹ Filling time 10 l empty cylinder - 0/200 bar (tolerance ±5%)² Standard model. Weight and dimensions may vary depending on accessories.

Powerful, portable and a great looking frame

The MINI COMPACT range of compressors are very popular in the marine industry thanks in part to their reinforced, more enveloping chassis. All equipped with the popular GP 100 pumping unit, they are available with gasoline or electric motors, both three-phase and single-phase. The equipment includes a filling connection for flexible hose with working pressure from 232 to 330 bar. Optional extras include a pressure maintenance valve, automatic condensate drain and auto-stop, all of which allow the product to be tailored to the user's needs.

Working pressure from 232 to 330 bar

Standard equipments



Filling connection
DIN 232 bar



Filling connection
DIN 300 bar



Filling connection
INT/YOKE 232 bar



Filling hose of 1.2 m
length



Hour meter
Only for single-phase
electric motor



Frame color Black
RAL 9005

Optional



Autostop



Automatic condensate
drain with timer



C-Monitor



Pressure maintaining
valve

MINI COMPACT

Petrol



MINI COMPACT 100 SH
Petrol HONDA GP 200

Charging rate

100 l/min

Filling time¹

20 min

Engine power

4,3 kW
Petrol HONDA GP 200

Dimensions²
(L x D x H)

80 × 37 × 44 cm
31.5 × 14.5 × 17.3 in

Weight²
(dry weight)

47 kg
104 lb

¹ Filling time 10 l empty cylinder - 0/200 bar (tolerance ±5%)

² Standard model. Weight and dimensions may vary depending on accessories.

Maximize performance

MINI COMPACT 100 SH
Petrol HONDA GP 200

Fuel tank capacity	3,1 liters
Fuel consumption at continuous power	1,7 l/hour – 3600 giri/min

Working pressure from 232 to 330 bar

Standard equipments



Filling connection
DIN 232 bar



Filling connection
DIN 300 bar



Filling connection
INT/YOKE 232 bar




Filling hose of 1.2 m
length




Frame color Black
RAL 9005


Optional




Autostop




Automatic condensate
drain with timer
Only with battery



C-Monitor



Remote suction hose
kit

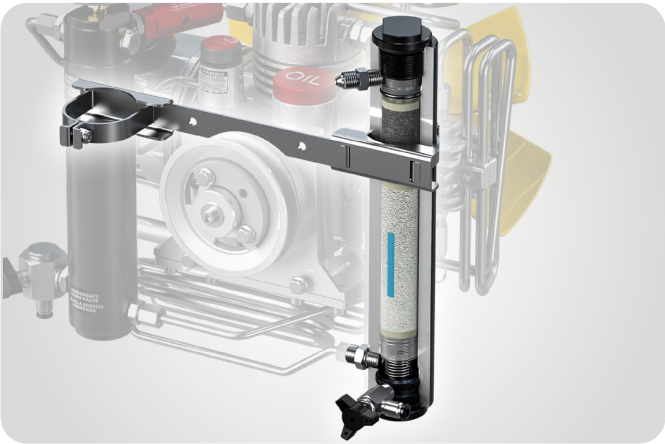


Pressure maintaining
valve

Purification system

Purification system ECO-FILTER

ECO-FILTER disposable cartridge



Separator system

- Final separator for removal of oil/water condensate
- Final safety valve, mounted on the separator housing



Purification system ECO-FILTER

Purification system	Eco-Filter
Operating pressure (Standard)	232 bar / 330 bar
Operating pressure max. (PS)	360 bar
Processable air capacity (air inlet temperature in the filter 20° C at 300 bar) ¹	210 m ³

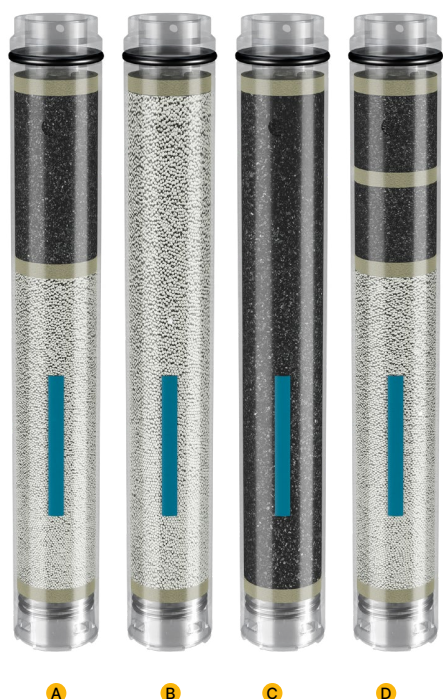
¹ When using a filter cartridge without HOPCALITE CO CATALYST.
If a cartridge with CO removal is used, the process air capacity is reduced by about 20%.

Separator system

Contamination	Maximum content as per DIN EN 12021:2014	Air quality*
H ₂ O	25 mg/m ³	≤ 10 mg/m ³
CO	5 ppm(v)	≤ 4
CO ₂	500 ppm(v)	≤ 500
Oil	0,5 mg/m ³	≤ 0,5 mg/m ³

* Measured at our facility using ASCO HORA 160 ANALYZER.
¹ Only with special filter cartridge with HOPCALITE CO CATALYST. and up to a maximum concentration of 25 ppm CO in intake air.
The compressed clean breathing air then contains a maximum of 5 ppm CO.
² The level of CO₂ in the intake air must not exceed the maximum level of CO₂ as per EN 12021:2014
³ Reported values exceed ISO 8573-1 standards.

ECO-FILTER cartridges



- A** With molecular sieve and activated carbon
Standard on electric motor compressors.
- B** With molecular sieve
- C** With activated carbon
- D** With molecular sieve, activated carbon and CO-catalyst
Standard on petrol motor compressors.

Lubricants

Synthetic Coltri Oil ST 755 1 liter

A fully synthetic oil specifically developed for long lasting lubrication of process gas compressors and especially for breathing air. It provides outstanding performance in all types of compressors.



Special Motor Oil for 1 liter petrol and diesel engines



Optional

Automatic condensate drain with timer

Available only for compressors with electric motor.

The automatic condensate drain removes water from the intermediate separator and the final separator automatically during operation (every 7 minutes).

Composed of:

- 1 x timer
- 1 x solenoid valve



Autostop

Compressor automatically switches off when it reaches the final pressure.

Composed of:

- 1 x Pressure switch
- 230 bar - COD. SC000521/232 (safety valve 250 bar)
- 300 bar - COD. SC000521/300 (safety valve 330 bar)












Double pressure regulator 232/300 bar

Available only on Mini Compact compressors



C-Monitor

Final filter monitoring system, oil change and technical interface.

The interface consists of an LCD display, a button  and two indicators (, ). The decimal points next to the digits are indicator lights to indicate alarms or warnings in progress. Each dot is associated with an explanatory icon (, , ). The icon  indicates an alarm condition while the symbol  indicates normal operation. Press the button  to scroll through the different functions of the menu. When pressed, the function is displayed and after two 2 seconds the corresponding data is displayed.

