

# SEACOMAIR High Pressure Compressors



## Specifications Portable SCA100 Electric - SCA100 Gas - SCA100 Electric & Gas Compact



**SCA100SR/6**

Construction: Air cooled, four stage, four cylinder hp compressor all stainless steel interstage and final stage coolers  
**Priority/Back pressure maintaining valve**  
**Final pressure relief valve**  
**Filling hose with On/Off valve and bleed with SCUBA INT yoke, DIN200 or DIN300**

Max Pressure: 220bar/3200psi or 300bar/4350psi (option)  
 Approx. Output: SCA80: 80 l/min. / 3.4 scfm charging rate\*  
 SCA100: 100 l/min. / 4.2 scfm charging rate\*

Oil Capacity: 0,3 l (11 oz) synthetic compressor oil ISO VG190  
 Drive Motors: 6 hp Subaru, 5.5hp Honda® Gasoline engine  
 220/400/440V/50Hz or 60Hz electric motor with 1 or 3 Phase

Fact.Options: SCA80E21/3W Filling panel with one outlet for 300bar/4400psi Airgun Cartridges

Weight: SCA100E: 38kg (85 lbs)  
 SCA100GH/55: 38 Kg (85 lbs)  
 SCA100SR/6: 39 Kg (86 lbs)  
 SCA100E: 43kg (95 lbs)

Dimensions: L 30" (75) x D 14" (35) x H 15" (38 cm)



**SCA100E43/4**



**SCA100GH/55 Compact**



**SCA80E21/3W 300 bar**

| Model               | Description          | Charging Rate*               | Drive Motor                         |
|---------------------|----------------------|------------------------------|-------------------------------------|
| SCA80E21/3          | Compressor 80 l/min  | 80 l/min/ 3,4 scfm/ 4,8 m³/h | 2,2kW el. 110/230V/50-60Hz 1Ph      |
| SCA80E21/3W         | Compressor 80 l/min  | 80 l/min/ 3,4 scfm/ 4,8 m³/h | 2,2kW el. 230V/50-60Hz 1Ph          |
| SCA100E21/4         | Compressor 100 l/min | 100 l/min/ 4,2 scfm/ 6 m³/h  | 3,0kW electric 230V/50-60Hz 1Ph     |
| SCA100E43/4         | Compressor 100 l/min | 100 l/min/ 4,2 scfm/ 6 m³/h  | 3,0kW electric 400/440V/50-60Hz 3Ph |
| SCA100SR/6          | Compressor 100 l/min | 100 l/min/ 4,2 scfm/ 6 m³/h  | 4,5kW 6HP Subaru Gas                |
| SCA100GH/55         | Compressor 100 l/min | 100 l/min/ 4,2 scfm/ 6 m³/h  | 4,0kW 5,5HP Honda Gas               |
| SCA100E43/4 Compact | Compressor 100 l/min | 100 l/min/ 4,2 scfm/ 6 m³/h  | 3,0kW electric 400/440V/50-60Hz 3Ph |
| SCA100GH/55 Compact | Compressor 100 l/min | 100 l/min/ 4,2 scfm/ 6 m³/h  | 4,0kW 5,5HP Honda Gas               |

## Specifications Open Frame SCA140-215-265 Electric - SCA265 Gasolin - SCA140-265 Diesel



**SCA215E43/55OSS**

Construction: **Heavy Duty Stainless Steel Inox Frame**  
 Continuous duty air cooled, three stage, three cylinder high pressure compressor all stainless steel interstage and final stage coolers  
**Pressure maintaining/Priority valve**  
**Pressure relief valve on all stages**

Max Pressure: 220bar/3200psi or 340bar/5000psi (option)  
 Approx. Output: SCA140: 150 l/min/ 6,5 scfm charging rate\*  
 SCA215: 240 l/min/ 10 scfm charging rate\*  
 SCA265: 300 l/min/ 13 scfm charging rate\*

Oil Type: 1,7 l (59 oz) synthetic compressor oil ISO VG150  
 Features: **Two (2) Filling hoses with SCUBA INT yoke, DIN200 or DIN300 On/Off Filling valve and bleed**

Drive motors: AC electric motors 220/400/440V/50Hz or 60Hz with 1 or 3 Phase  
 6 or 9hp Subaru, 9hp Honda® Gas  
 6 or 9hp Yanmar diesel

Weight: SCA140DY/6: 279 lbs (127 kg)  
 SCA215E43/55: 262 lbs (119 kg)  
 SCA265E43/75: 262 lbs (119 kg)  
 SCA265GH: 277 lbs (126 Kg)  
 SCA265DY/9: 342 lbs (155 kg)

Dimensions: SCA215E: L 39" (100) x D 20" (50) x H 28" (71 cm)  
 SCA265GH: L 43" (110) x D 20" (50) x H 28" (71 cm)



**SCA140DY/6OSS**



**SCA265DY/9OSS**



**SCA265GH/9OSS**

| Model           | Description          | Charging Rate*              | Drive Motor                    |
|-----------------|----------------------|-----------------------------|--------------------------------|
| SCA140E21/4OSS  | Compressor 150 l/min | 150 l/min/6,5 scfm/9,3 m³/h | 3,0kW el. 110/230V/50-60Hz 1Ph |
| SCA140DY/6OSS   | Compressor 150 l/min | 150 l/min/6,5 scfm/9,3 m³/h | 4,5kW 6HP Yanmar Diesel        |
| SCA215E43/55OSS | Compressor 240 l/min | 240 l/min/10 scfm/14,5 m³/h | 4,0kW el. 400/440V/50-60Hz 3Ph |
| SCA215SR/9OSS   | Compressor 240 l/min | 240 l/min/10 scfm/14,5 m³/h | 6,6kW 9HP Subaru Gas           |
| SCA265E43/75OSS | Compressor 300 l/min | 300 l/min/13 scfm/18 m³/h   | 5,5kW el. 400/440V/50-60Hz 3Ph |
| SCA265GH/9OSS   | Compressor 300 l/min | 300 l/min/13 scfm/18 m³/h   | 6,6kW 9HP Honda Gas            |
| SCA265DY/9OSS   | Compressor 300 l/min | 300 l/min/13 scfm/18 m³/h   | 6,6kW 9HP Yanmar Diesel        |

SeaComAir compressors meets all international breathing air standards for CGA Grade "E" Air & DIN EN12021

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 All pricing in EURO EX-Works. Price and Specification are subject to change without notice.

[www.seacomair.com](http://www.seacomair.com)

ISO9001: 2009 Certified Factory  
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## Specifications Compact Stainless Steel Frame SCA215-265 Electric - SCA265 Gas - Diesel



**SCA265E43/55CSS**

Construction: **New Weight optimized Stainless Steel Frame with Lightweight Cover**  
**Option: Titanium Lightweight Frame**  
 Continuous duty air cooled, three stage, three cylinder high pressure compressor  
 all stainless steel interstage and final stage coolers  
**Pressure maintaining/Priority valve**  
**Pressure relief valve on all stages**  
 Max Pressure: 220bar/3200psi or 340bar/5000psi (option)  
 Approx. Output: SCA215: 240 l/min/ 10 scfm charging rate\*  
 SCA265: 300 l/min/ 13 scfm charging rate\*  
 Lubrication: Splash lubrication with oil thrower pin  
 Oil Type: 1,7 l (59 oz) synthetic compressor oil ISO VG150  
 Features: **Two (2) Filling hoses with SCUBA INT yoke, DIN200 or DIN300 On/Off Filling valve and bleed**  
 Drive motors: AC electric motors 220/400/440V/50Hz or 60Hz with 1 or 3 Phase  
 9hp Subaru or Honda® Gas, 9hp Yanmar diesel  
 Weight: SCA215E43/55: 264 lbs (120 kg)  
 SCA265E43/75: 275 lbs (125 kg)  
 Dimensions: L 40,5" (103) x D 19" (49) x H 26" (67 cm)



**SCA265GH/9CSS**

| Model           | Description          | Charging Rate*              | Drive Motor                    |
|-----------------|----------------------|-----------------------------|--------------------------------|
| SCA215E43/55CSS | Compressor 240 l/min | 240 l/min/10 scfm/14,5 m³/h | 4,0kW el. 400/440V/50-60Hz 3Ph |
| SCA265E43/75CSS | Compressor 300 l/min | 300 l/min/13 scfm/18 m³/h   | 5,5kW el. 400/440V/50-60Hz 3Ph |
| SCA265SR/9CSS   | Compressor 300 l/min | 300 l/min/13 scfm/18 m³/h   | 6,6kW 9HP Subaru Gas           |
| SCA265GH/9CSS   | Compressor 300 l/min | 300 l/min/13 scfm/18 m³/h   | 6,6kW 9HP Honda Gas            |
| SCA265DY/9CSS   | Compressor 300 l/min | 300 l/min/13 scfm/18 m³/h   | 6,6kW 9HP Yanmar Diesel        |

## Specifications SCA265-300 Compact Cabinet - SCA300 Silent



**SCA265E43/CFS**

Construction: Continuous duty air cooled, three stage, three cylinder high pressure compressor  
 Mounted on a free standing, shock mounted frame or powder coated steel cabinet  
**Compressor CFSAP: Additional Purification**  
**Silent: Sound absorbing housing**  
 Max Pressure: 220bar/3200psi or 340bar/5000psi (Option)  
 Approx. Output: SCA300: 330 l/m / 14 scfm charging rate\*  
 Oil Capacity: **1,7 Liters (59 oz.) SCA synthetic oil ISO VG150**  
 Drive motors: AC electric motors 220/400/440V/50Hz or 60Hz with 1 or 3 Phase  
 Noise level: SCA300 CFSF3: 82 dB (ISO3746)  
 SCA300 Silent: 69,8 dB (ISO3746)  
 Features: **Automatic condensate drain**  
**Hour meter**  
**Interstage pressure gauges and final gauge**  
**Final pressure switch with automatic shut-off**  
**Low oil shut down switch**  
**Cabinet High Temperature shut down switch**  
**Phase Control prohibit wrong rotation**  
**Two (2) Filling hoses with SCUBA INT yoke, DIN200 or DIN300 On/Off Filling valve and bleed**  
**SCA265E43/CFSAP Equipped with Three large capacity Oil/Moister Separators for hot and humid climates**



**SCA265E43/CFSAP**



**SCA300E43/CFSF3**

Weight: SCA265 CFS: 341 lbs (155 Kg)  
 SCA265 Silent: 490 lbs (222 Kg)  
 Dimensions: SCA265 CFS: L 35"(90) x D 24"(60) x H 33,5"(85cm)  
 SCA265/300 Silent: L 35"(90)x D 34"(87)x H 52"(132 cm)



**SCA300E43/Silent**

| Model            | Description          | Charging Rate*            | Drive Motor                    |
|------------------|----------------------|---------------------------|--------------------------------|
| SCA265E43/CFS    | Compressor 300 l/min | 300 l/min/13 scfm/18 m³/h | 5,5kW el. 400/440V/50-60Hz 3Ph |
| SCA265E43/CFSAP  | Compressor 300 l/min | 300 l/min/13 scfm/18 m³/h | 5,5kW el. 400/440V/50-60Hz 3Ph |
| SCA300E43/CFSF3  | Compressor 330 l/min | 330 l/min/14 scfm/20 m³/h | 7,5kW el. 400/440V/50-60Hz 3Ph |
| SCA265E43/Silent | Compressor 300 l/min | 300 l/min/13 scfm/18 m³/h | 5,5kW el. 400/440V/50-60Hz 3Ph |
| SCA300E43/Silent | Compressor 330 l/min | 330 l/min/14 scfm/20 m³/h | 7,5kW el. 400/440V/50-60Hz 3Ph |

\*Based on charging an 11 Liter / 80 Cu. Ft. Cylinder from 35 bar / 500 psi to 200 bar / 3000 psi.

SeaComAir 80 & 100 Portable Compressors are non-continuous duty compressors.

SeaComAir compressors meets all international breathing air standards for CGA Grade "E" Air & DIN EN12021

[www.seacomair.com](http://www.seacomair.com)





## Specifications Cabinet & Silent SCA650-750 & Heavy Duty SCA1400F



**SCA750E43/HDF-OP**

Construction: Continuous duty air cooled, four stage, four cylinder high pressure compressor  
**Mounted on a free standing, shock mounted frame**  
**Silent with Sound absorbing housing**

Max Pressure: 220bar/3200psi or 330bar/4700psi  
 440bar/6000psi (Option)

Approx. Output: SCA650HDF-SL: 650 l/m / 27 scfm charging rate\*  
 SCA1400OF: 14000 l/m / 49 scfm charging rate\*

Oil Capacity: 4,5 Liters (158 oz.) or 9,2 Liters

Drive motors: AC electric motors 400/440V/50Hz or 60Hz with 1 or 3 Phase

Noise level: SCA650 HDF Silent: 70 dB (ISO3746)  
 SCA1400OF: 90 dB

Features: **Main control panel with Hour meter**  
**Low oil level warning light with Auto shut-off**  
**Phase controller prohibits reverse rotation**  
**Fully automatic condensate drain**  
**Final pressure switch with gauge and auto-stop**  
**Temperature digital display with Auto shut-off**  
**Pressure gauges installed after each stage**

Weight: SCA650 HDF-Silent: 970 lbs (440 Kg)  
 SCA1400OF: 1520 lbs (690 Kg)

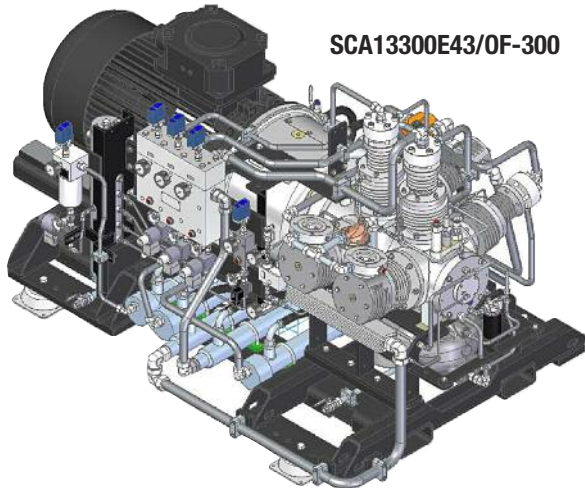
Dimensions: HDF-SL: L 37" (94) x D 82" (132) x H 66" (169 cm)  
 HDF-OP: L 37" (94) x D 52" (132) x H 66" (169 cm)  
 1400OF: L 62" (157) x D 41" (105) x H 42,5" cm (108)



**SCA1400E43/OF-350**

| Model             | Description              | Charging Rate*                           | Drive Motor                   |
|-------------------|--------------------------|--|-------------------------------|
| SCA650E43/HDF-SL  | Compressor 650 l/min     | 650 l/min/27 scfm/39 m <sup>3</sup> /h   | 11kW el. 400/440V/50-60Hz 3Ph |
| SCA750E43/HDF-OP  | Compressor 750 l/min     | 750 l/min/30,5 scfm/45 m <sup>3</sup> /h | 15kW el. 400/440V/50-60Hz 3Ph |
| SCA1400E43/OF-350 | Compressor OP 1400 l/min | 1400 l/min/49 scfm/84 m <sup>3</sup> /h  | 37kW el. 400/440V/50-60Hz 3Ph |

## Specifications Water Cooled Open Frame Continuous Duty Compressors



**SCA13300E43/OF-300**

Water Cooled Open Frame High Pressure Compressors. **Free Air delivery up to 60.000 l/min./2.120 cfm/3.600 m<sup>3</sup>/h. Maximum Pressure up to 410 bar. Compatible with Air, Inert Gases Helium, Nitrogen and gases such Natural Gas, Biogas.**

Construction: Continuous duty Air-Water cooled, Five stages, Six cylinders,  
 Max Pressure: 300bar/4350psi or 410bar/5950psi (Option)  
 Oil Capacity: 35 Liters (1180 oz.)  
 Drive motors: AC electric motors 400/440V/50Hz or 60Hz, 3 Phase  
 Noise level: 95 dB  
 Features: Compressor complies with EN 1012-1  
 Plasma-Nitrided cylinders surface with special pistons rings guarantee long maintenance intervals  
 Direct power transmission through flanged electric motor  
 Pressure resistant oil tank for low oil consumption  
 Maintenance-free oil and water separators for all pressure stages  
 Simultaneous removal of the condensate drain  
 Pressure monitor for each pressure stage and the crankcase

Weight: 3100 kg (6830 lbs)  
 Dimensions: L 256 (100") x D 157 (62") x H 147cm (58")

| Model               | Description             | Free Air Delivery                             | Drive Motor                    |
|---------------------|-------------------------|---|--------------------------------|
| SCA13300E43/OFW-300 | Water Cooled Compressor | 13300 l/min - 470 cfm - 800 m <sup>3</sup> /h | 160kW el. 400/440V/50-60Hz 3Ph |

## Specifications Low Pressure 300 Nitrox Silent



Construction: Rotary Screw Low Pressure Compressor with Semi-Permeable Membrane  
 Mounted in plastic coated steel cabinet  
 Sound proofing system  
 LP Filtration for Membrane  
 Two Nitrox O<sub>2</sub> Analyzers  
**Operates on CGA Grade D Air**

Working Pressure: 6-10 bar/90-145 psi  
 Capacity: 1000 l/min / 35 cfm @ 10 bar  
 Drive motors: 7.5 kW 230/400/440V/50 or 60Hz el. motor 3 phase

Features: **Final pressure gauge**  
**Emergency shut-off**  
**Automatic Condensate Drain**  
**High Pressure Automatic Shut Off**  
**Temperature Automatic Shut Off**

Noise: 71 dB (ISO3746)  
 Weight: 660 lbs (300 Kg)  
 Dimensions: L 59" (150) x D 30" (76) x H 48" (122 cm)



| Model         | Description                   | Capacity @ 10 bar** | Drive Motor                    |
|---------------|-------------------------------|---------------------|--------------------------------|
| SCA300E43/EAN | Low Pressure Nitrox Generator | 1000 l/min - 35 cfm | 7,5kW 230/400/440V/50-60Hz 3Ph |

## Specifications Natural Gas SCA150-400-1000-2000 CNG Compressors



**SCA150E43/CNG-SL**



**SCA400E43/CNG-SL**

Construction: Continuous duty air cooled, three and four stage, three and four cylinder high pressure compressor  
 Mounted in plastic coated steel cabinet, Sound proofing system  
**Meets all international Natural Gas standards ATEX 94/9/EC PED 97/23/EC, Machine 98/37/EC**

Max Pressure: 220bar/3200psi or 300bar/4350psi  
 Approx. Output: SCA150 CNG: 200 l/min / 7 cfm  
 SCA400 CNG: 400 l/min / 14 cfm  
 SCA1000 CNG: 1000 l/min / 36 cfm  
 SCA2000 CNG: 2000 l/min / 74 cfm

Oil Capacity: 1,7 Liters (59 oz.) 4,5 Liters (158 oz.) 9,5 Liters

Drive motors: 220/400/440V/50Hz or 60Hz, 1 or 3 Phase

Noise level: SCA150 CNG: 70 dB  
 SCA400 CNG: 70 dB  
 SCA1000-2000 CNG: 90 dB

Features 150-400: **Remote MECP Electric Control Panel**  
**Emergency OFF switch**  
**Hour meter**  
**Rotation control warning light**  
**Final recharge pressure gauge**  
**Filling hose with CNG filling nozzle**

Weight: SCA150 CNG: 396 lbs (180 Kg)  
 SCA400 CNG: 925 lbs (420 Kg)  
 SCA2000 CNG: 1540 lbs (700 Kg)

Dimensions: SCA150 CNG: L 27,5" (70) x D 26" (67) x H 41" (105 cm)  
 SCA400 CNG: 32" (82) x 52" (133) x 70" (179 cm)  
 SCA2000 CNG: 62" (159) x 40,5" (103) x 44" (111cm)



**SCA2000E43/OF-CNG**

### Specifications Natural Gas FS240CNG Fill Station

- Compressed Natural Gas Fast Filling System with Daily Rate 230000 Liter/8120 cu.ft./230 m<sup>3</sup>
- Daily performance of 8120 cu.ft./230 m<sup>3</sup> is sufficient to operate 3-6 vehicles or forklifts
- CNG Fast Filling system with three 80 liter cylinders with max. pressure 350bar/5000psi
- Durable powder coated, compact cabinet for stationary operation
- Seamless Steel Gas Cylinder
- Steel cylinder according EN 1964
- Cylinder standard valves EN 849
- Remote MEPC Main Electric Control Panel
- Suction valve to connect Natural Gas
- Filling hose with CNG filling nozzle
- Filling hose Brake Away Safety Controll



**FS240CNG-C150**

| Model             | Description                  | Free Air Delivery F.A.D.                 | Drive Motor                  |
|-------------------|------------------------------|--|------------------------------|
| SCA150E43/CNG-SL  | CNG Natural Gas Comp. 200bar | 200 l/min/7 cfm/12 m <sup>3</sup> /h     | 4kW el. 400/440V/50-60Hz 3Ph |
| SCA400E43/CNG-SL  | CNG Natural Gas Comp. 200bar | 400 l/min/14 cfm/24 m <sup>3</sup> /h    | 9kW el. 400/440V/50-60Hz 3Ph |
| SCA1000E43/OF-CNG | CNG Natural Gas Comp. 300bar | 1000 l/min/36 cfm/62 m <sup>3</sup> /h   | 30kW el. 400/440V/50Hz 3Ph   |
| SCA2000E43/OF-CNG | CNG Natural Gas Comp. 300bar | 2000 l/min/74 cfm/125 m <sup>3</sup> /h  | 36W el. 400/440V/50Hz 3Ph    |
| FS240CNG-C150     | CNG Natural Gas Fill Station | 60m <sup>3</sup> /2120cu.ft./240l@250bar | 4kW el. 400/440V/50-60Hz 3Ph |

### Specifications Containment Fill Station

#### CFS-2M Two Position high pressure Containment Fill Station

- Accommodate 2 SCBA or SCUBA Cylinders up to 12 Liter / 88 Cu. Ft.
- Fills two SCBA or SCUBA cylinders at a time
- Working Pressure up to 450 bar/6500 psi
- Dual fill pressure with High Pressure Regulator (option)
- Flow Restrictors thru needle valve to optimize air flow for accurate filling
- One Inlet Pressure Gauge to Monitor Inlet Pressure
- Two (2) Panel Valves to Control Fill Process
- Two (2) Fill Pressure Gauges to Monitor Fill Process
- Two (2) Fill Hoses with Bleed Valve and Fill Adapter
- One connection with Valve for Cascade system
- Safety Control Lock Door System manually
- Certified by a Licensed Engineering Testing Facility TUV Germany
- Dimensions L 30"(78) x D 21"(53) x H 59"(150 cm)
- Weight 350 Kg (770 lbs)



**CFS-2MFD**



**CFS-2MSD**

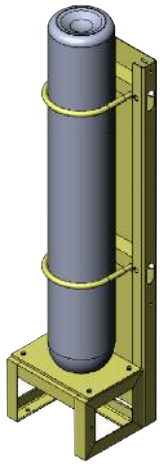
| Model    | Description                          | System                      | Outlets & Inlets               |
|----------|--------------------------------------|-----------------------------|--------------------------------|
| CFS-2MFD | Fill Station 2 Position Fall Door    | 2 x SCBA or SCUBA cylinders | 1 Inlet & 2 Filling Connection |
| CFS-2MSD | Fill Station 2 Position Sliding Door | 2 x SCBA or SCUBA cylinders | 1 Inlet & 2 Filling Connection |



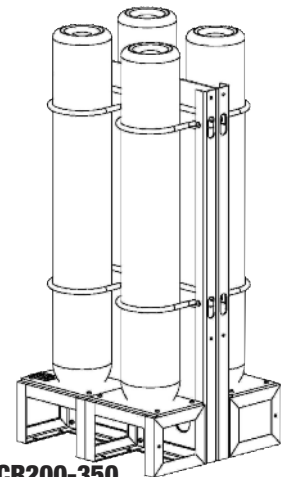
## Specifications Air Storage Cylinder Racks

### ASCR Air Storage Cylinder Racks

- High pressure, air storage system with one, two, three, four 50 liter 350bar/5000psi or 450bar/6500psi cylinders
- Construction Durable, powder coated steel cabinet Lightweight Steel Alloy
- Working Pressure 350bar/5000psi or 450bar/6500psi
- Test Pressure 525bar/7600psi or 675bar/9800psi
- Pressure Equipment Directive PED CE certified
- Seamless Steel Gas Cylinder according EN ISO 9809-2
- One connection 8S
- Water drain manually
- TÜV Certificate according EC Directive 97/23/EC regulations AD2000
- Cylinders are ADR qualified (EU Agreement International Carriage of Dangerous Goods by Road)
- Modular system, available also in vertical 6, 8 or 9 pack



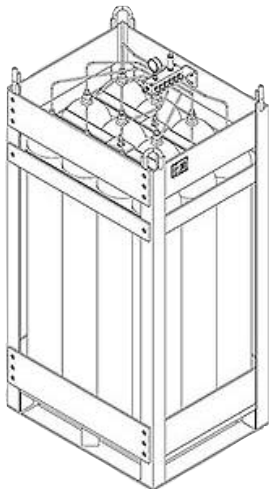
**ASCR50-350**



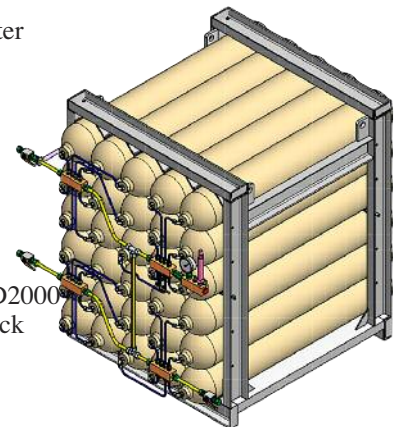
**ASCR200-350**

### ASCLR Air Storage Cylinder Lift Racks

- Four Point Lift Rack
- Construction Durable, steel frame
- High pressure, Breathing air storage system with twelve (12) 50 liter or thirty (30) 80 liter cylinders
- Working Pressure 350bar/5000psi or 450bar/6500psi
- Test Pressure 525bar/7600psi or 675bar/9800psi
- Pressure Equipment Directive PED CE certified
- Seamless Steel Gas Cylinder according EN ISO 9809-2
- High Pressure INOX Panel with connection 8S, G1/4" or G3/8"
- Safety Pressure valve
- Storage pressure gauge 0-450bar/6500ps
- TÜV Certificate according EC Directive 97/23/EC regulations AD2000
- Modular system, available also in vertical or horizontal 6, 8, 12 pack



**ASCLR600-350**



**ASCLR2400-350**

| Model         | Description                    | System                       | Options                                 |
|---------------|--------------------------------|------------------------------|---|
| ASCR50-350    | Air Storage Cylinder Rack      | 1x50 Liter cylinder 350 bar  | Inox Panel, Safety Valve, Manometer, 8S |
| ASCR100-350   | Air Storage Cylinder Rack      | 2x50 Liter cylinder 350 bar  | Inox Panel, Safety Valve, Manometer, 8S |
| ASCR150-350   | Air Storage Cylinder Rack      | 3x50 Liter cylinder 350 bar  | Inox Panel, Safety Valve, Manometer, 8S |
| ASCR320-350   | Air Storage Cylinder Rack      | 4x80 Liter cylinder 350 bar  | Inox Panel, Safety Valve, Manometer, 8S |
| ASCLR600-350  | Air Storage Cylinder Lift Rack | 12x50 Liter cylinder 350 bar | Inox Panel, Safety Valve, Manometer, 8S |
| ASCLR2400-350 | Air Storage Cylinder Lift Rack | 30x80 Liter cylinder 350 bar | Inox Panel, Safety Valve, Manometer, 8S |

## Specifications Filling Panels

### FP3/2SL filling panel

- 2x300bar/4400psi and 2x220bar/3200psi
- Inlet fitting 300bar for high pressure compressor
- Two (2) 400bar/5800psi pressure gauges
- Two 300bar/4400psi filling fittings with On/Off filling valves
- Two 220bar/3200psi filling fittings with On/Off filling valves
- Pressure reducer for simultaneous filling
- Weight: 20 kg (44 lbs)
- Dimensions: L 75 (29,5") x D 35 (14") x H 37 cm (14,5")

### FP3/2SSC filling panel

- 2x300bar/4400psi and 2x220bar/3200psi
- Inlet fitting 300bar for high pressure compressor
- 300bar/4400psi pressure gauge
- 220bar/3200psi pressure gauge
- Two 300bar/4400psi filling fittings with On/Off filling valves
- Two 220bar/3200psi filling fittings with On/Off filling valves
- Pressure reducer for simultaneous filling
- Weight: 8 kg (17.5 lbs)
- Dimensions: L 63 (25") x D 16 (6.5") x H 20 cm (8")



**FP3/2SL**



**FP3/2SSC**

| Model    | Description                 | System            | Options                               |
|----------|-----------------------------|-------------------|---------------------------------------|
| FP3/2SSC | Filling Panel 300bar/200bar | Panel-System INOX | 2x300bar/2x200bar, Level Valves, Hose |
| FP3/2SL  | Filling Panel 300bar/200bar | Panel-System      | 2x300bar/2x200bar, Level Valves, Hose |

**Specifications Low Pressure Screw Compressors**



**SCA-BKSR1550-10**



**SCA-BKDSR1550-10-90**



**SCA-HSR1300-18**

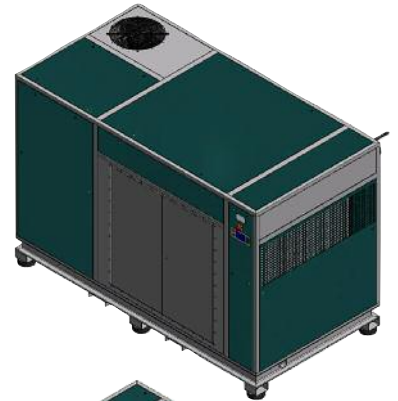
- SCA-HSR & BSR & BDSR Screw Compressors
- SCA-HSR Output from 900 up to 1300 l/min @ 18 bar
- SCA-BSR Output from 300 up to 1550 l/min @ 10 bar
- SCA-BDSR Compressor with Air Receiver up to 250 Liter
- SCA-BKSR & BKDSR Compressors with Air Dryer
- Max. Pressure from 7,5 up to 20 bar / 109-290 psi
- Screw technology has longer service life
- Lower maintenance costs
- Effective oil-air cooler guarantees operational safety and excellent air quality
- Duty cycle are extremely higher then piston compressors
- Heavy Duty Steel Frame according Safety Regulations
- Lower noise level
- Intensive cooling combined with an effective aftercooler
- Pulsation-free compressed air
- Compressor stage cooling by oil injection
- Phase rotation controll as option
- Integrated oil control valve
- **Available with refrigeration Air Dryer as option**
- Available also with variable speed control as option
- Electronic Controll System with LCD Display as optionH
- SCA-BKSR1550-10 Dimensions L 97 x D 54 x H 71 cm
- Weight 160 Kg (352 lbs)
- SCA-HSR1300-18 Dimensions L 114 x D 66 x H 103 cm
- Weight 326 Kg (717 lbs)

| Model               | Description Compressor            | Free Air Delivery F.A.D.     | Drive Motor                   |
|---------------------|-----------------------------------|------------------------------|-------------------------------|
| SCA-BKSR1550-10     | Screw Low Pressure                | 300-1550 l/min - 10,5-55 cfm | 2,2-11kW 400/440V/50-60Hz 3Ph |
| SCA-BKDSR1550-10-90 | Screw with Air Receiver 90-250 L  | 300-1550 l/min - 10,5-55 cfm | 2,2-11kW 400/440V/50-60Hz 3Ph |
| SCA-HSR1300-18      | Screw Continues Duty Low Pressure | 900-1300 l/min - 32-44 cfm   | 11-15kW 400/440V/50-60Hz 3Ph  |

**Specifications Low Pressure Screw Direct Driven Compressors & Water Cooled Compressors**



**SCA-DSR32000-7.5**



**SCA-WDSR38000-15**

- SCA-DSR & WDSR Screw Direct Driven Compressors
- SCA-DSR Output/Capacity from 15000 l/min @ 15 bar up to 50.000 l/min @ 7,5 bar
- SCA-WDSR Output/Capacity from 38000 l/min @ 15 bar up to 50000 l/min @ 10 bar
- Max. Pressure from 7,5 up to 15 bar / 109-218 psi
- 1:1 direct drive connects the air end directly to the motor
- Soft start, zero loss power transmission
- Screw technology has longer service life
- Duty cycle are extremely higher then piston compressors
- Regular maintenance reduced to lubrication of the motor
- Lower maintenance costs
- Cooler unit with large surface area, highest performance and effectiveness for quieter running
- Lower noise level
- Heavy Duty Steel Frame according Safety Regulations
- Separation system guarantees 100% compressed air quality
- Pulsation-free compressed air
- Phase rotation controll as option
- Electronic Controll System with LCD Display as standard
- **Water-Cooled version as option**
- **Energy saving frequency converter with overload protection as option**
- **Tropical version up to 47°C ambient temperature as option**
- SCA-DSR32000-7.5 Dimensions L 350 x D 210 x H 227 cm
- Weight 4700 Kg (10340 lbs)
- SCA-WDSR38000-15 Dimensions L 350 x D 210 x H 230 cm
- Weight 6200 Kg (13640 lbs)

| Model            | Description Compressor           | Free Air Delivery F.A.D.         | Drive Motor                |
|------------------|----------------------------------|----------------------------------|----------------------------|
| SCA-DSR32000-7.5 | Screw Direct Driven              | 22000-32000 l/min - 780-1120cfm  | 185kW 400/440V/50-60Hz 3Ph |
| SCA-WDSR38000-15 | Screw Direct Driven Water Cooled | 38500-50100 l/min - 1538-1770cfm | 355kW 400/440V/50-60Hz 3Ph |

### Specifications Booster Compressors System



- Double-Acting Gas Booster for compression of Industrial Gases
- Heavy Duty Stainless Steel Frame according Safety Regulations
- All Control Components located inside
- Inlet Safety Valve 10 bar / 145 psi
- Outlet Safety Valve 300 bar / 4350 psi
- Station with protective plate for maximum security
- System relief with Absorber
- Inlets with back pressure/non-return valves
- Available for Output Pressure 400, 500, 600, 700bar/10150psi

#### Booster Compressor

| Model     | Description                              | System Ratio | Outlets & Inlets               |
|-----------|--|--------------|--------------------------------|
| GBS32/SSF | Booster Compressor Stainless Steel Frame | 1 : 32       | 1 Inlet & 1 Filling Connection |

### Specifications Gas Analyzers CO, O2, Moisture



**Carbon Monoxide CO**



**Oxygen O2**



**Moisture RH**

#### Carbon Monoxide CO Analyzer

Sensor: Electrochemical  
 Range: 0-100ppm Carbon Monoxide  
 Operating Temperature: 41 to 104 °F (5 to 40 °C)  
 Power: 9 Volt Standard Battery  
 Weight: 250 g (8,8 oz)  
 Dimensions: 3,5 " (8,5) x 3" (7,5 cm)

#### Oxygen O2 Analyzer

Sensor: Electrochemical  
 Range: 0-100% O2  
 Operating Temperature: 41 to 86 °F (5 to 30 °C)  
 Power: 9 Volt Standard Battery  
 Weight: 250 g (8,8 oz)  
 Dimensions: 3,5 " (8,5) x 3" (7,5 cm)

#### Moisture Digital Analyzer

Sensor: Capacitive Technology  
 Range: 0-99,9% RH  
 Power: 9 Volt Standard Battery  
 Weight: 250 g (8,8 oz)  
 Dimensions: 3,5 " (8,5) x 3" (7,5 cm)

| Model  | Description                |
|--------|----------------------------|
| CMA-DO | Carbon Monoxide CO Digital |
| OA-DO  | Oxygen O2 Digital          |
| MA-DO  | Moisture RH Digital        |

### Compressor Factory Options

| Model     | Description   | Compressor                 |
|-----------|---|----------------------------|
| MP330     | Compressor Model 300bar/4300psi pressure                          | SCA80/100/140/215/265      |
| MP440     | Compressor Model 400bar/5800psi pressure                          | SCA650/HDF-SL              |
| BZTT100   | Hour meter Digital (Gas models only)                              | SCA100/215/265GH           |
| HMAE100   | Hour meter Analog (Electric models only)                          | SCA100/215/265E            |
| RCH200    | Removable carry handels   | SCA140/215/265             |
| ASP100    | Auto Stop/Shut off pressure switch                                | SCA100/140/215/265         |
| PS300/100 | Pressure Switch 300-200bar (4300/3000psi) with MP330 only         | SCA80/100/140/215/265      |
| PS300/CFS | Pressure Switch 300-200bar (4300/3000psi) with MP330 only         | SCA265CFS                  |
| PS400/CFS | Pressure Switch 400-200bar (5800/3000psi) with MP400 only         | SCA650/750HDF              |
| PG2010    | Interstage Pressure Gauges (3 pcs)                                | SCA Cabinet                |
| LO2015    | Low oil shut down switch  | SCA Cabinet                |
| ACD100    | Automatic condensate drain  | SCA80/100/140/215/265      |
| WS100/2   | Wheel Set (2 each)  | SCA80/100                  |
| WS200/2   | Wheel Set (2 each)  | SCA215/265                 |
| MB12      | 12V Motor Battery for Electric Start (Gas & Diesel engines)       | SCA100/140/215/265         |
| MES100    | Electric Start for Gas & Diesel engines with MB12 only            | SCA100/140/215/265         |
| PCSD200   | Purity Controll Signalling Device for filter cartridge saturation | SCA265/300CFSAP/650/750HDF |
| AD1300    | Final High Pressure Air Dryer                                     | SCA650/750HDF              |
| ECTS596   | Electrical Control Touch Screen Main Display                      | SCA650/750HDF              |

SeaComAir compressors meets all international breathing air standards for CGA Grade "E" Air & DIN EN12021

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Certified Factory