

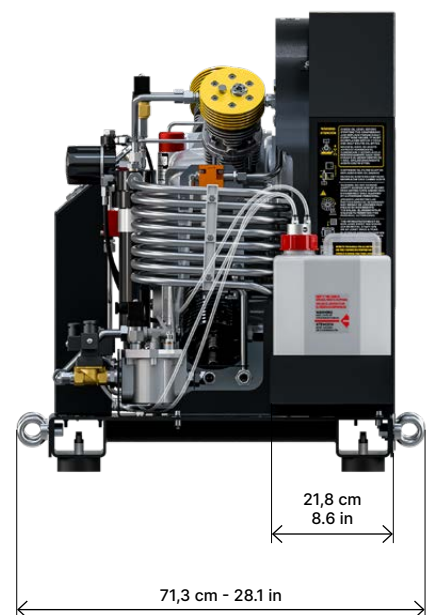
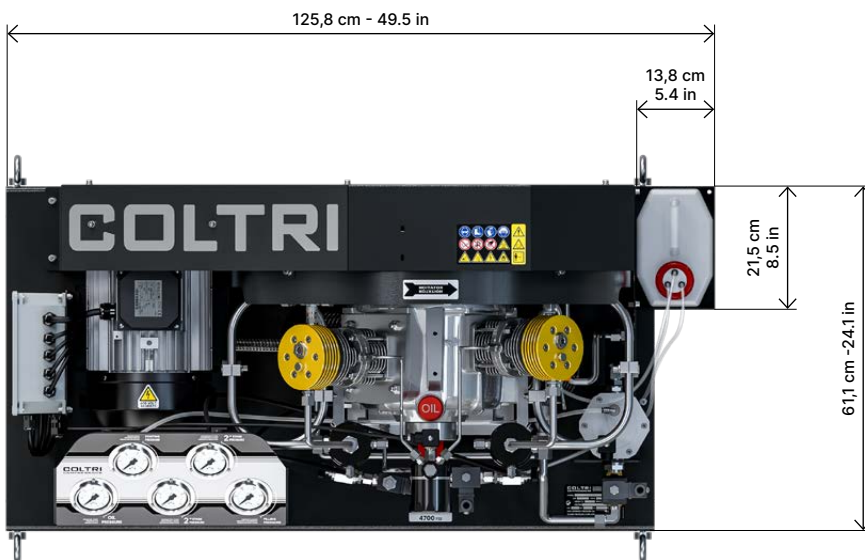
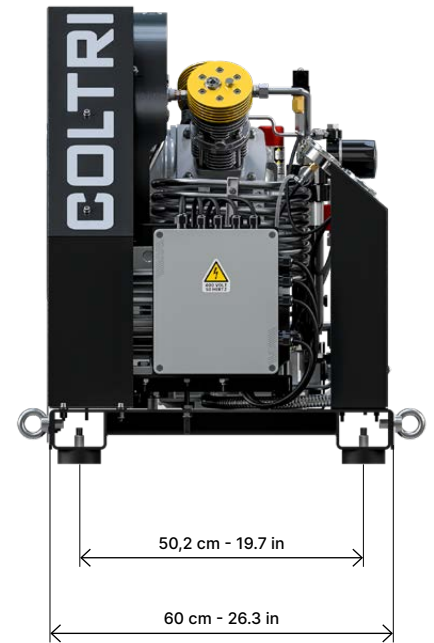
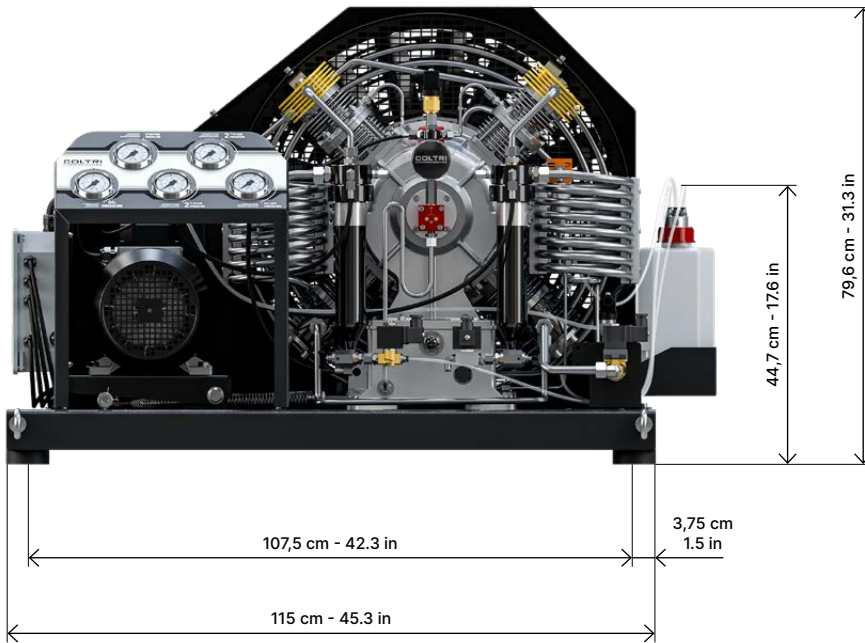
BOOSTER LINE

BOOSTER INDY VII



Contact

Medium pressure booster in a concentrate of power



Technical data

Type of gas	Air - Nitrogen
Intake pressure*	Min. 2 bar Max. 8 bar
Working pressure	80 bar
Permissible ambient temperature range	-10° C ÷ +40° C
Max permissible tilt	15°
Oil	Synthetic Coltri Oil ST 755
Oil change interval	1 year / 1.000 h
Frame	Steel - Colour Black RAL 9005 - Powder coating painting - Scratch proof

* with a working pressure set at **40 bar / 580 psi** → minimum intake pressure = **4 bar / 58 psi**
 with a working pressure set at **30 bar / 435 psi** → minimum intake pressure = **3 bar / 43,5 psi**
 with a working pressure set at **25 bar / 362 psi** → minimum intake pressure = **2 bar / 29 psi**

Compressor

	11 KW	15 KW
Flow rate	Min. 721 - Max. 2.163 l/min Min. 43 - Max. 130 m³/h Min. 25.5 - Max. 76.4 cfm	Min. 901 - Max. 2.703 l/min Min. 54 - Max. 162 m³/h Min. 31.9 - Max. 95.5 cfm
Cooling air flow	1.570 m³/h	1.960 m³/h
Weight ¹	225 kg - 496 lb	
Dimensions (W x D x H) ¹	115 x 60 x 79,6 cm - 45.3 x 23.6 x 31.3 in	

¹ Standard model. Dimensions and weight may vary depending on accessories.

Electric motor

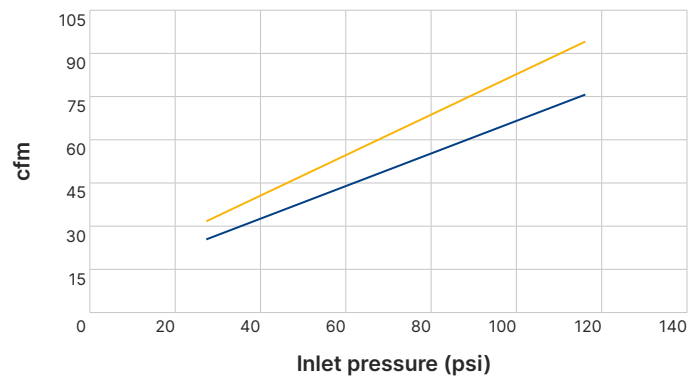
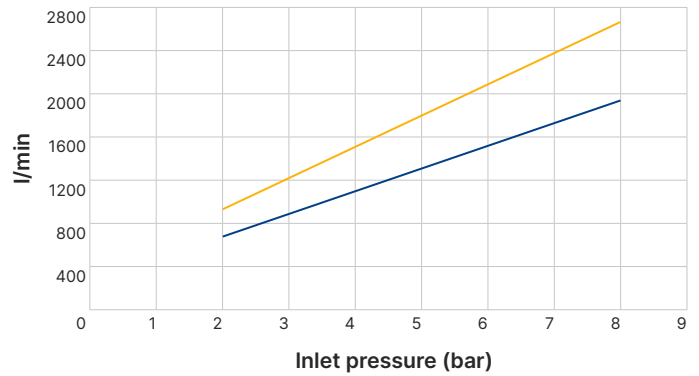
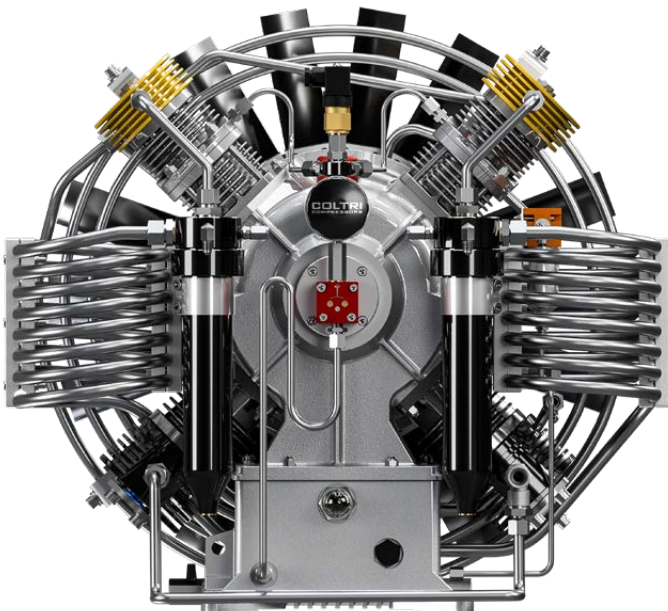
	11 KW		15 KW	
Type	Three-phase electric			
Power	11 kW - 14.8 Hp		15 kW - 20 Hp	
Operating voltage/frequency <small>Different voltage / frequency available on request.</small>	400 V - 50 Hz	440 V - 60 Hz	400 V - 50 Hz	440 V - 60 Hz
Rated current	23 A		31 A	
Speed (RPM)	2.910	3.500	2.920	3.500
Protection class	IP55			

The IP55 protection class, compliant with IEC 60034-5, guarantees protection against dust deposits and water jets from any direction.

Technical data pumping unit MCH 36

	11 KW	15 KW
Intake pressure*	Min. 2 bar Max. 8 bar	
Flow rate	Min. 721 - Max. 2.163 l/min Min. 43 - Max. 130 m ³ /h Min. 25.5 - Max. 76.4 cfm	Min. 901 - Max. 2.703 l/min Min. 54 - Max. 162 m ³ /h Min. 31.9 - Max. 95.5 cfm
Speed (RPM)	1.000	1.250
Number of stages	2 + 2	
Number of cylinders	2 + 2	
Cylinder bore 1st stage	60 mm	
Cylinder bore 2nd stage	38 mm	
Stroke	50 mm	
Direction of rotation from flywheel side	Counter clockwise (left)	
Drive type	V-belt A type	
Oil sump capacity	1,8 liters	

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 with a working pressure set at 30 bar / 435 psi → minimum intake pressure = 3 bar / 43,5 psi
 with a working pressure set at 25 bar / 362 psi → minimum intake pressure = 2 bar / 29 psi



BOOSTER INDY 11 KW

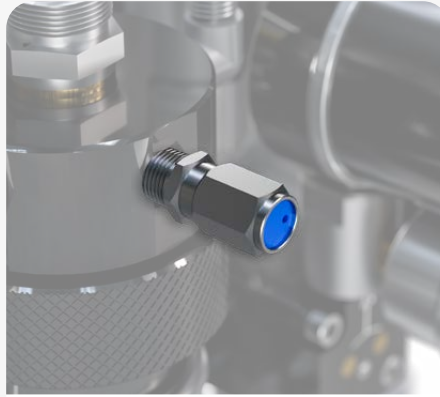
l/min: Min. 721 - Max. 2.163
cfm: Min. 25,5 - Max. 76,4

BOOSTER INDY 15 KW

l/min: Min. 901 - Max. 2.703
cfm: Min. 31,9 - Max. 95,5



Forced lubrication with low pressure gear pump



Final safety valve



Pipes, fitting and nuts in stainless steel AISI 316



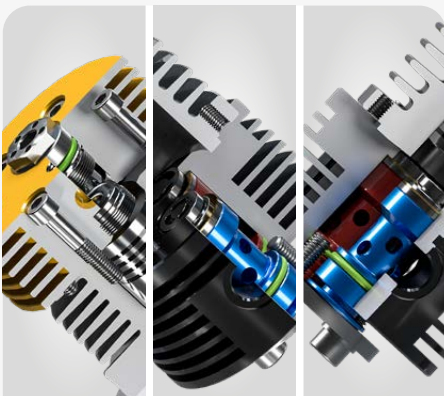
Die-cast aluminum cylinders with barrel coating in nicasil + cast iron cylinders



Casted aluminum connecting rods



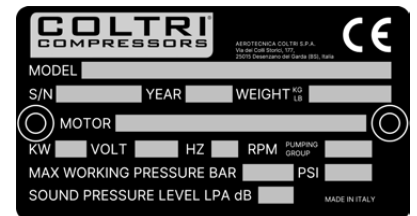
Forged steel crankshaft



Stainless steel stage valves



Roller Bearings for intensive work

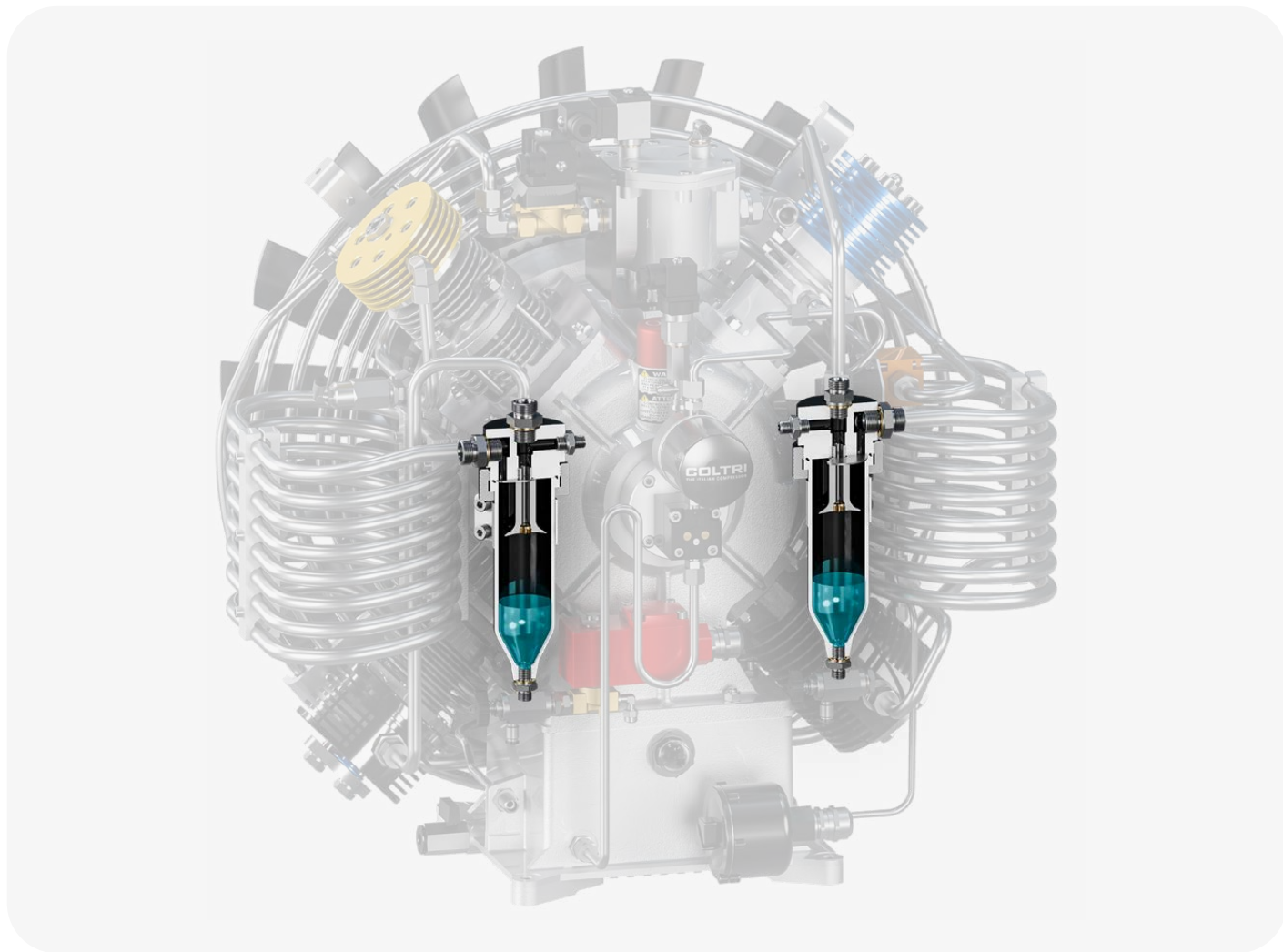


CE certification

Standard equipment

Condensate separation system

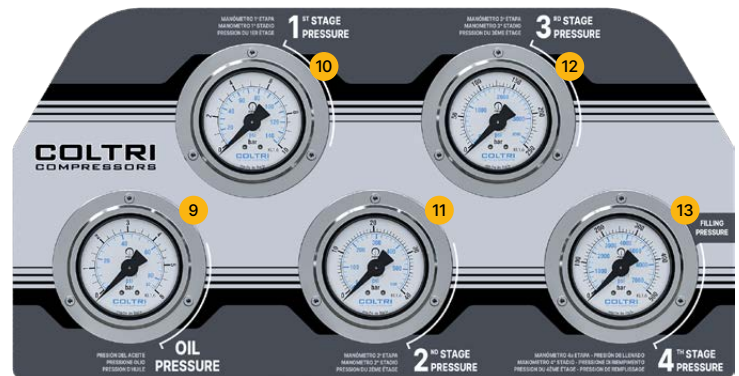
- Final separator for removal of oil/water condensate
- Final safety valve, mounted on the separator housing
- Automatic condensate drain



Electric control box with automatic condensate drain + auto shut-off + automatic restart

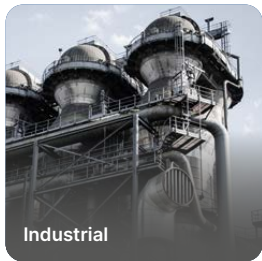
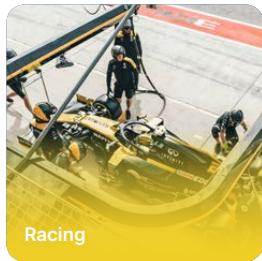
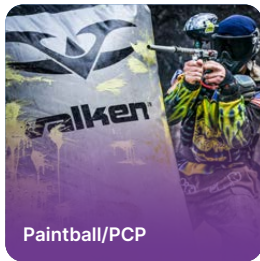
- Motor protection switch
- Autostop + Autostart
- Drainage of separator between the individual stages during compressor operation (standard drain interval every 15 minutes for a period of 6 seconds)
- Interstage pressure gauges display the operating pressure for the individual compression stages. This pressure information allows you to check the tightness of the valves (inlet and outlet) of each stage and quickly identify potential sources of failure

The interstage pressure gauges are mounted in the compressor frame.



- | | | |
|----------------------------------|-----------------------------|-----------------------------|
| 1 ON/OFF switch with autostart | 6 Condensate drain light | 11 2nd stage pressure gauge |
| 2 Stop button | 7 Operating hour meter | 12 3rd stage pressure gauge |
| 3 Voltage presence warning light | 8 Main switch | 13 4th stage pressure gauge |
| 4 Oil level warning light | 9 Oil pressure | |
| 5 Fault motor light | 10 1st stage pressure gauge | |

Application fields



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