

# FLT Industry-Silent

Heavy Duty Compressor

## TECHNICAL DATA

## PRICES

## OPTIONS / EQUIPMENT



### ► Model Specification

Model Working pressure	Voltage	Capacity	Stages	Rotation Speed	Motor		Filter System	Dimensions (cm)			Weight	Prices €* excl.VAT
					kW	HP		L	W	H		
Industry-S 420 350 bar Industry-S 420 420 bar	400V 50/60 Hz	420	4	1.050	11	15	FT 410	125	84	185	325	19.750,00*
Industry-S 520 350 bar Industry-S 520 420 bar	400V 50/60 Hz	520	4	1.250	11	15	FT 410	125	84	185	335	22.540,00*
Industry-S 630 350 bar Industry-S 630 420 bar	400V 50/60 Hz	630	4	1.250	11	15	FT 810	125	84	185	350	25.000,00*
Industry-S 720 350 bar Industry-S 720 420 bar	400V 50/60 Hz	720	4	1.250	15	20	FT 810	125	84	185	370	27.250,00*

\* Compressor prices without control, please select control.



► Technical data	Model Series: FLT Industry-S
Speed / delivery capacity: This is calculated from the time it takes to fill a 10l breathing apparatus from 0 to 200 bar. The calculation is based on an ambient air pressure of approx. 1013 mbar.	Industry-S 420 1.050 U/Min. 420 L/Min. 25,2 m <sup>3</sup> /h, 14,83 c.f.m. Industry-S 520 1.250 U/Min. 520 L/Min. 31,2 m <sup>3</sup> /h, 18,36 c.f.m. Industry-S 630 1.250 U/Min. 630 L/Min. 37,8 m <sup>3</sup> /h, 22,25 c.f.m. Industry-S 720 1.250 U/Min. 720 L/Min. 43,2 m <sup>3</sup> /h, 25,43 c.f.m.
Suction pressure, operating pressure	Atmospheric (0.5-1.2 bar), 90 to 350 bar, for a surcharge of 420 bar
Set pressure final pressure safety valve (can be ventilated)	Setting value according to order, max. 420 bar with type certificate
Number of cylinders	4 levels
Intermediate pressure safety valves	For every compressor stage
Direction of rotation	Counter clockwise
Cooling, cooling air requirement	Air cooling, approx. 3200-5400 m <sup>3</sup> hours
Lubrication	Maintenance-free low pressure oil pump
Compressor block oil quantity, oil type	4.9 Ltr. — Special synthetic oil with breathing air approval and safety data sheet
Max. Permissible ambient temperature	+5°C.— +45°C (+43°F...+113°F)
Compressor frame welded steel, silent hood, side doors made of aluminum, compressor frame with vibration dampers, Compressor and drive separately decoupled	Powder-coated RAL 9007 aluminum silver + RAL 9005 black Silent block vibrating element stand 80 x 80 mm by means of oscillating elements 55 x 50 mm
Compressor dimensions: L x W x H, weight, noise from a distance of 1.5 m	1250 x 840 x 1850 mm, approx. 325-370 kg, 68 dbA
Intake air filter	Micronic Superfine
Pressure ads	Precision manometer glycerine filled "CLASS 1.5"
Automatic condensate drain with 2-3 condensate traps and silencers	every 15 to 20 minutes plus 5 liter condensate collecting tank
Pressure relief, compressor start-up and compressor shutdown	automatically
Pressure holding valve, check valves, final pressure safety valve	120 bar, 2 x non-return valves, 1 x final pressure safety valve

Equipment and possible options	420 - 520	630 - 720	Prices € plus VAT
Main air outlet	●	●	
Soundproof hood with aluminum protective doors 70db (A) Super Sound Proof *Also available without Super Sound Proof	●	●	
Possible filling connections: <b>prices per connection</b> Stainless steel toggle valves with direct connection (maximum 2 pieces) Stainless steel toggle valve with hose connection, 1.3 m. highly flexible kevlar hose with handle and kink protection (maximum 2 pieces) Filling ramp wall mounting 4-, 6- or 8-way stainless steel toggle valve with direct connection or hose connection 1.3 mtr. highly flexible Kevlar hose with handle and kink protection	○ ○ ○	○ ○ ○	425,00 498,00 *On inquiry
Second pressure range (filling 200 and 300 bar simultaneously)	○	○	740,00
<b>FS-Control ECO</b> , Dryer cartridge saturation monitoring with advance warning at 85% and shutdown when completely saturated	○	○	395,00
<b>AIR MS Air quality monitoring</b> for CO, CO2, O2, humidity / water in mg / m <sup>3</sup> , temperature integrated in the compressor	○	○	3.950,00
<b>AIR MS + OIL CONTROL</b> * Residual oil measurement and monitoring up to a residual oil content of 0.001 mg / m <sup>3</sup> VOC + AERO-SOLS	○	○	4.950,00
Additional activated carbon adsorber, eliminates all oil vapors and hydrocarbons for Airsave Oil Control	○	○	*On Inquiry
Drying system FT 410 = 1.400 m <sup>3</sup> @ 20°C	●	X	
Drying system FT 810 = 2.400 m <sup>3</sup> @ 20°C	X	●	
<b>HMI compressor control</b> , the most modern Android based fully electronic CAN bus control with 7" touch screen	○	○	2.350,00
<b>ECO compressor control</b> indicator lights for operation, automatic condensation, auto stop when the final pressure is reached, operating hours counter, start / stop button, emergency / off button *Alternative to the above. <i>HMI compressor control</i>	○	○	799,00
Temperature monitoring of the individual compressor stages for HMI Control, price per stage	○	○	235,00
Temperature monitoring of the last compressor stage for HMI Control	○	○	235,00
Oil temperature monitoring for HMI Control	○	○	235,00
Oil pressure monitoring for HMI Control	○	○	235,00
Oil level monitoring	●	●	
Working pressure Monitoring intermediate pressures of the individual stages HMI Control, <b>Price per stage</b>	○	○	135,00
Remote control max. 300 m distance for HMI control	○	○	996,00
Filling speed control output management for HMI control	○	○	*On Inquiry
HMI FILL-CONTROL automatic filling system with barcode and transponder scanner, temperature-dependent	○	○	See price list for filling systems
Filling speed control, bottle number, test date, filling personnel - air quality monitoring, data logger, receipt printer	○	○	
Automatic condensation water separation with silencer and 5 L collecting canister (automatically every 15-20 minutes)	●	●	
30 l condensate collecting tank with silencer	○	○	435,00
Condensate tank level monitoring for HMI control	○	○	235,00
Automatic CO2 flushing of the dryer HMI Control	○	○	398,00
<b>CO2-CLEANER 800</b> removes CO2 up to 800L / min .. from the air you breathe	○	○	685,00
<b>Air Hepa</b> filter at the 300 bar outlet with fine dust filtration up to 1µ	○	○	*On Inquiry

\*Only possible in connection with AIR-MS (Monitoring System) air quality monitoring

● Standard | ○ Optionally available | X not possible, Prices plus 19% VAT

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