



IDE COMPRESSORS

TCI - SERIE

High performance for professional and mobile service

✓ AIRSAVE PRO E (OPTIONAL)

Dryer cartridge saturation monitoring.

The \u- status of the desiccant is recorded via a measuring probe fitted in the dryer cartridge and passed on to the AIRSAVE system. The \ status of the cartridge is indicated by a simple traffic light system.

✓ AIRSAVE ULTIMATE (OPTIONAL)

The optionally available AIRSAVE ULTIMATE monitoring system integrated into the compressor unit monitors the legal limit values for CO, CO₂, O₂, NO, SO₂, temperature and water in mg/m³ and the compressor unit is forcibly switched off if these limit values are exceeded. This function monitors the operational safety of the system and provides optimum protection in contaminated working environments and monitors irregular operating states of the compressor. The AIRSAVE unit also optionally monitors CO₂, the temperature of the ambient air and the presence of flammable gases

✓ AIRSAVE OIL CONTROL (OPTIONAL)

From now on, we not only measure VOC but also the residual oil content in mg/m³ permanently in the compressed air. A quantum leap! Filling stations with AIRSAVE ULTIMATE together with a CO₂ pre-filter enable compliance with the most important parameters of DIN EN 12021:2014 and other international standards.

IDE DEFINES THE STATE OF THE ART WITH AIRSAVE ULTIMATE AND AIRSAVE ULTIMATE OIL CONTROL



OPTIONAL: IDE AIRSCRUBBER

Effectively removes CO₂ from the air you breathe. New low-cost pre-filter. Space-saving. Low purchase price. Low maintenance costs.



The pre-filter is suitable for retrofitting to all Compressors regardless of the manufacturer.



▶ 160 / 260 / 330 l/min

▶ 225 and/or 330

► Model specifications

Working pressure model	Drive	Delivery amount	r.p.m.	Motor		Dryer system	Measurement (cm)			Weight net.	
			r.p.m.	kW	PS		L	W	H	kg	
225 or 330 bar ^{a)}											
TCI 215 KD	350 bar	Diesel	215	1.280	5,1	7,0	FT 210	135	55	74	175
TCI 215 KB	350 bar	Gasoline			4,8	6,5					155
TCI 260 KD	350 bar	Diesel	260	1.350	5,5	7,5	FT 210	135	55	74	185
TCI 260 KB	350 bar	Gasoline			5,9	8,0					160
TCI 350 KD	350 bar	Diesel	350	1.250	7,5	10	FT 410	135	55	74	190
TCI 350 KB	350 bar	Gasoline			6,6	9,0					165

a) In 225 bar version or 330 bar version available, upcharge for switchable from 225 bar and 330 bar

- ✓ EFFICIENT
- ✓ INDEPENDENT OF LOCATION
- ✓ sturdy STEEL LINTEL FRAME
- ✓ DIESEL / GASOLINE ENGINE
- ✓ USER-FRIENDLY

Portable, extremely robust high-pressure compressor system for breathing air, air or other gases. transportable steel lintel frame. As the preferred model series used in diving centers, fire departments and rescue services at home and abroad. Petrol or Gasoline drive means that there are many applications independent of the power supply.



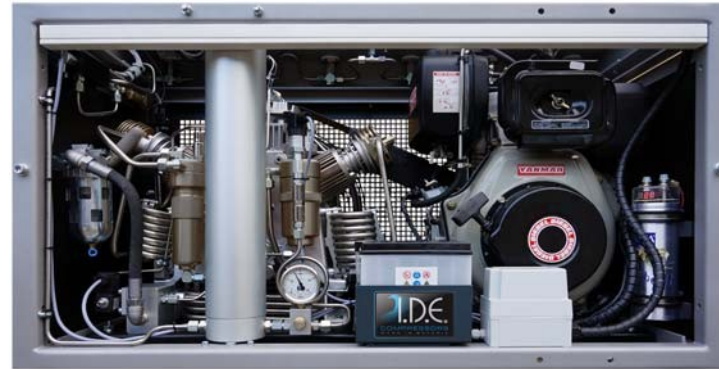
Your competent partner

IDE compressors
 office@ide.de
 www.ide.de
MADE IN BAVARIA
 Version Date: 18.12.2023 (SA)
Technical specifications subject to change. Illustrations may include optional equipment.
 Find us on
facebook

BREATHE WE TAKE CARE OF YOUR AIR

INDEPENDENT OF THE POWER SUPPLY

✓ The TCI series is characterized by maximum breathing air supply in all areas of application where a secure power supply is not available. Thanks to its sturdy powdercoated steel frame and diesel or petrol engine, it guarantees optimum operating conditions whether at sea, at On land or in the tropics. Purest breathing air anywhere. Provided that the limit values for CO / CO₂ in the intake air are not exceeded. The optionally available air quality control system AIRSAVE ULTIMATE offers optimum safety for breathing air applications

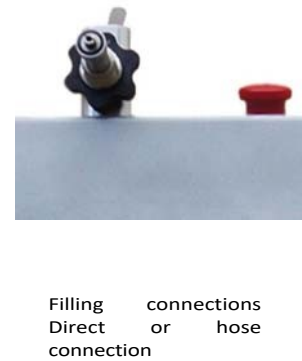


► MATERIAL

- ✓ Cylinder of all steps made of NICASIL-coated aluminum.
- ✓ Optimum performance values thanks to stainless steel intercooler.
- ✓ optional low-maintenance stainless steel toggle valves with safety filling connections and/or highly flexible filling hoses with safety filling pipes made of stainless steel. 5 year guarantee!
- ✓ Fittings on all pressurized lines with up to 4- and made of stainless steel.

► SAFE? SAFETY!

✓ Breathing air in accordance with international standards, with proper use and maintenance in accordance with the manual and use of a CO₂ pre-filter if above the limit value CO₂ concentration in the intake air.



Filling connections
Direct or hose
connection



EQUIPMENT and OPTIONALS for TCI HEAVY DUTY	DIESEL	GASOLINE
200 or 300 bar version	1	1
2 filling hoses additional hoses as option possible without filling panel	●	●
2nd pressure range for simultaneous filling Of 200 and 300 bar	○	○
Attached filling ramp with 4 toggle lever filling valves and hose connection	○	○
Attached filling ramp with 4 toggle filling valves and direct bottle connection	○	○
AIRSAVE ULTIMATE Airquality control for CO,CO ₂ ,O ₂ , humidity/water in mg/m ³ , temperature, dew point (integrated)	○	○
Dryer system FT 210= 765 m ³ @ 20°C ;	●	●
Dryer system FT 410 = 1200 m ³ @ 20°C ; additional price	○	○
Dryer system FT 810 Airsave = 2200 m ³ @ 20°C ,	○	○
AIRSAVE PRO E Dryer-cartridge saturation monitor only with elektro start and Dryersystem FT 410/ 810	○	○
additional Activated carbon adsorber for removing all oil vapors and hydrocarbons for Aisave Oil Control		
Condenswater drain manually operated	●	●
Automatic final pressure shut down and automatic condenswater drain with starter Battery for Gasoline Version,	○	○
Automatic final pressure shut down and automatic condenswater drain with starter Battery for Diesel Version,	○	○
AIRSCRUBBER reduces CO ₂ concentration in the intake air up to -800 L/Min.	○	○
Air Hepa Filter at the 300 bar outlet with fine dust filtration up to 0,01 μ	○	○
Transportwheels , 2 pcs steerable with brakes	○	○

● =Standard, ○ =optional, X = not possible * only available with Airsave Ultimate

* only together with Airsave Ultimate

● equipped as standard | ○ optionally available

► IDE AIRSCRUBBER

Effectively removes CO₂ from the air you breathe. New cost-effective pre-filter. Space-saving. Low purchase price. Low maintenance costs. EnUernt up to 800 L/min. The pre-filter is suitable for all compressors of any origin suitable for retrofitting.



► SERVICE

- ✓ Service and contract partner with spare parts supply in 20 countries.
- ✓ Extensive training and education offers for your technical training and further education.
- ✓ Project-related, cost-oriented consulting in close cooperation with cooperation with the Customers

Powerful motors



HIGH PERFORMANCE-MAXIMUM SAFETY

All gasoline engines have an automatic low oil cut-off.

