

AIRSAVE and AIRSAVE-CO filter control system

CC-CONTROL, AIRSAVE and AIRSAVE-CO

Additional equipment for a maximum working reliability and cost-efficiency

✓ To optimize the operating reliability, more comfort, failure notice inspection and a high air quality we developed a new compressor operating system for stationary units.

The operating unit of the controlling system has a LCD display with background illuminated as well as a touch buttons keyboard with partly illuminated function keys.

A serial interface for a PC connection to upload software updates and visualization is implemented also another system bus interface for a remote maintenance module, MSR and other extensions are build in. Over this interface for example an external filling ramp could be equipped with the same functions and possibilities.

✓ Maximum working reliability and air quality are guaranteed by the electronic AIRSAVE filter monitoring. Over a measuring sensor build in the filter cartridge is recorded and send to the AIRSAVE filter monitoring system. This sends status messages over certain switching signals to the operator and switches the compressor unit off when the saturation of the cartridge exceeds the obligatorily limit values of the DIN EN 12021.

✓ Over the additionally integrated CO monitoring system the AIRSAVE-CO unit supervises the legal standard limit for the compressor unit and switches off by exceeding of these limit values. This function supervises the working reliability of the compressor and guarantees an optimal protection in a CO contaminated work surrounding field or irregular operating conditions of the compressor. The AIRSAVE-CO unit also supervises the service and oil change intervals.



TCI - SERIES

High performance for professional and mobile service



- ▶ 160 / 210 / 260 l/min
- ▶ 225 / 330 bar

Portable, extreme durable high pressure compressor plant for breathing air or other gases within a solid transportable drop-frame.

As preferential series used as a location independent compressor for diving bases, at fire-brigades and emergency services in Germany and other foreign countries.

Power grid independent on operation areas, due to a diesel drive.

- ✓ POWERFUL
- ✓ LOCATION INDEPENDENT
- ✓ SOLID DROP-FRAME
- ✓ DIESEL ENGINE
- ✓ USER FRIENDLY

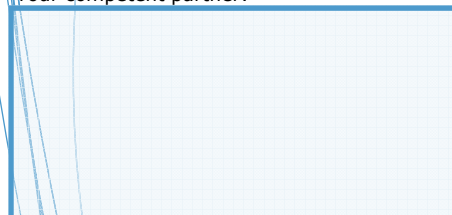
▶ Model specification

Type Working pressure	Drive ^{b)}	Delivery amount	r. p. m.	Motor		Filter-system	Measurements (approx. cm)			Weight net
				kW	PS		L	W	H	
225 oder 330 bar ^{a)}		l/min	min							
TCI 160 LD	Diesel	160	1.050	5,0	7,0	FT 410	135	55	67	155
TCI 210 LD	Diesel	210	1.350	5,0	7,0	FT 410	135	55	67	165
TCI 260 LD	Diesel	260	1.550	6,6	9,0	FT 410	135	55	67	165

a) In 225 bar version oder 330 bar version available, upcharge for switchable from 225 bar to 330 bar

b) Special voltages possible

Your competent partner:



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Technical subject to change

BREATHE - WE TAKE CARE OF THE AIR



POWER SUPPLY INDEPENDENT

The TCI-series is characterised by the highest breathing air supply in all areas of application, in which a secured current supply is not available. Ensured by the Diesel motorizing used for the self-sustaining unit, air can be supplied with guaranteed purest breathing air according to the strict standards of the DIN EN 12021 at any place.

The optionally available Airsave filtersystem, if needed with CO control, gives an optimal security in use of breathing air for in- and outdoor areas.



► MATERIAL

- ✓ Cylinders of all stages made from special aluminium alloy with casted iron sleeves.
- ✓ Ideal performance secured by an interstage cooler made of special stainless steel alloy.
- ✓ High flexible filling hose with safety fill connection.

► SAFE? SAFE!

- ✓ Guaranteed pure breathing air according to norm standard DIN EN 12021 and British Standard.
- ✓ Screw connections on all pressurised components designed and laid out for at least x 1.5-4 safety.
- ✓ Exclusive: AIRSAVE (optionally) electronic filter control system combined with a compressor monitoring system which controls all service- and oil changing intervals.

► EQUIPMENT

	RB	LD
Optionally 200 or 300 bar version	●	●
Filling connection equipped as standard	2	2
200 and 300 bar shareable	○	○
Filtersystem FT 410	●	●
Filter monitoring Airsave / Airsave CO	○ / ○	○ / ○
Manually operated condense water drain	●	●
Automatic final pressure shut-down with automatic condense water drain	○	○
Filling ramp with 4 filling connections on compressor	○	○
Filling ramp with 4 filling connections stainless steel on compressor	○	○
Stainless steel frame	○	○
Transport wheels	○	○
Cool & Dry 530	○	○

● equipped as standard | ○ optionally available

► SERVICE

- ✓ Service- and contract partners with spare part supply in almost 20 countries worldwide.
- ✓ Large training and instruction offer for your technical education.
- ✓ Project oriented and cost oriented consultation in close cooperation with the customer.



Safety filling connection



Powerful drive engine

HIGH POWER - MAXIMUM SAFETY

All engines have an automatic oil deficiency shut-down system to protect and for the safety of the equipment.

