Professional Series

CTP - F 150 / 200 / 250 / 300

HIGH PRESSURE BREATHING AIR COMPRESSOR

Quality Management Certified By:

Certifications Available From:

Firmensitz:
COMP TRADE GmbH
Mühlgasse 12 – Top 7.3.2.
A-2514 Möllersdorf

Geschäftsführer:
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UniCredit Bank Austria AG
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BIC/Swift-Code: BKAUATWW

Standard Equipment:

- compressor and motor mounted on frame with shock absorbers. Frame, manufactured in light weight construction, is designed for easy change of power sources.
- It is executed with a frame in frame design which reduces the vibrations significantly compared to other brands!
- micronic type intake filter
- Splash lubrication
- interstage coolers
- aftercooler
- final mechanical separator for the removal of oil-/ water condensate
- optical oil level control on compressor block
- final safety valve 225 bar or 330 bar
- back pressure/ non return valve
- thermal motor protection switch
- manual star delta contactor
- 3 m power cord with EEC-plug
- hour meter

FILLING RAMP WITH 4 X 300 OR 4 X 200 BAR DIRECT CONNECTION

- 4 lever filling valves with integrated ventilation G5/8“ acc DIN 477,
- pressure gauge for filling pressure
- condensate drain manifold

PURIFICATION SYSTEM F 1200

- COMP TRADE long-life transparent filter cartridge with saturatiuon indicator processing in 3 stages (drying, neutralisation, micro filtering)
- filling : MS-AC-MS supplying air quality according to DIN 3188 / EN 12021
- air purification capacity approx. 1200 m³

Optional Equipment

SWITCH AND CONTROL BOX WITH AUTO-STOP

- ON/Off switch with automatic star delta combination, main switch and auto stop when reaching final filling pressure

AUTOMATIC DRAINAGE SYSTEM

- drains all separators between the individual stages and also the final separator during compressor operation
- unloaded start integrated (automatically draining at every shut-down of the unit)
- condensate collecting tank, content approx. 5 litres
- sound absorber
- electronic timer for autodrain system is adjusted for the most economical drain-intervals

ADDITIONAL PRESSURE RANGE consisting of:

- pre adjusted pressure reducing valve
- pressure gauge for additional pressure range
- safety valve for 2nd pressure range

PRESEC PROFESSIONAL SYSTEM

- with automatic control of Cartridge, indication of cartridge saturation and automatic stop, when reaching humidity limits. This is ensured by a sensor inside the filter cartridge.

COMPTROL 1

- for oil level control with auto stop and reset button when reaching minimum oil level in the compressor block / oil level indicator. The oil level indicator is situated on front of the compressor-frame for additional easy optical control .

COMPTROL 2

- for temperature control with auto stop and reset button when reaching maximum temperature on the last stage of the compressor block.

EXTERNAL FILLING PANEL

- Compressor filling panel with selectable amount of filling connections. Designed for wall mounting with hour meter, on/off button and 5 meter cable and high pressure hose connection between compressor and filling panel.

TECHNICAL SPECIFICATIONS

Model		CTP-F 150 E3	CTP-F 200 E3	CTP-F 250 E3	CTP-F 300 E3
Delivery Rate	[lit/min]	150	210	260	300
Speed	[r.p.m.]	1300	1450	1650	1850
Dimension	[LxWxH in mm]	900 x 600 x 870	900 x 600 x 870	900 x 600 x 870	900 x 600 x 870
Weight	[kg]	153	155	180	185
Power Electric	[kW]	4	4	5,5	7,5

medium		breathing air acc. DIN 3188 / EN 12021
intake pressure	bar abs.	1 +0.2
rated overpressure	**max. bar**	**350**
delivered quantity measured at		
number of stages		3
number of cylinders		3
cylinder 1st stage	ø mm	88
cylinder 2nd stage	ø mm	36
cylinder 3rd stage	ø mm	14
piston travel	mm	40
intermediate overpressures		
1st stage approx.	bar	7
2nd stage approx.	bar	40-46
filling pressure (final.safety valve)	bar	225 and/or 330
rotating direction		counter clockwise
cooling		air
lubrication		splash lubrication with oil whizzer pin
quantity of lubricating oil	l	1.8
oil type		synthetic oil
tolerated maximum ambient temperature		+5 ... +45°C
tolerated maximum inclination		5°

drive motor

three-phase squirrel cage motor (E3) — 3x400V, 2900 r.p.m., design B3, type of protection IP