



Powerful Series



CTP - F 550 / 650 / 750 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:
Johann Freinschlag

Corporate Reg.: 139101K
UID No.: ATU 39664902
EORI: ATEOS1000003206
Gerichtsstand: Handelsgericht Wien

UniCredit Bank Austria AG
IBAN: AT07 12000 10004484696
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.
- ◆ micronic type intake filter
- ◆ oil pump lubrication
- ◆ pressure Gauges for Interstage pressures and oil pressure
- ◆ 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
- ◆ 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

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

PURIFICATION SYSTEM F 1200

- ◆ COMP TRADE long-life transparent filter cartridge with saturation indicator processing in 3 stages (drying, neutralisation, micro filtering)
filling : MS-AC-MS supplying air quality according to DIN 3188 / EN 12021:2014
- ◆ air purification capacity 1200 m³ at 20° ambient temperature



Optional Equipment

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

PRESEC INTEL

- ◆ a monitoring system for filter cartridge saturation, hour meter, battery level and maintenance level without external power supply and sensors, activated by the compressor operation itself

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 550 E3	CTP-F 650 E3	CTP-F 750 E3
Delivery Rate [lit/min]	550	650	750
Speed [r.p.m.]	1250	1430	1560
Noise level [dB(A)]	89	89	89
Dimension [LxWxH in mm]	1350 x 800 x 1100	1350 x 800 x 1100	1350 x 800 x 1100
Weight [kg]	355	365	375
Power Electric [kW]	11	15	15

medium	breathing air acc. DIN 3188 / EN 12021:2014	
intake pressure	bar abs.	1 - 1,2
rated overpressure	max. bar	420
delivered quantity measured at		
number of stages		4
number of cylinders		4
cylinder 1st stage	Ø mm	130
2nd stage	Ø mm	60
3rd stage	Ø mm	32
4th stage	Ø mm	14
piston travel	mm	50
intermediate overpressures		
1st stage approx.	bar	2,5 – 3,5
2nd stage approx.	bar	15 - 17
3rd stage approx.	bar	70 - 75
setting off target- pressure		
safety valve	bar	225 or 330 or 420
rotating direction		counter clockwise
cooling		air
lubrication		with oil pump
quantity of lubricating oil	L	3,8
oil pressure	bar	2,5
oil type		see manual
tolerated max. ambient temp,		+2.....+45°C
tolerated max. inclination		5°
automatic condense drain		according timer setting

drive motor

three- phase squirrel cage motor

400 V, 50 Hz,
design B3, IP 55

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