



Allrounder Series



CTP 160 - 210 - 280 – 320 HIGH PRESSURE BREATHING AIR COMPRESSOR

Quality Management Certified By:



Certifications Available From:



Firmensitz:
COMP TRADE GmbH
Werkstrasse 14
A-2522 Oberwaltersdorf

Geschäftsführer:
Johann Freinschlag
Nicole 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
- ◆ It is executed with a frame in frame design which reduces the vibrations significantly compared to other brands!
- ◆ 2 carrying handles on both sides for easy mobile use
- ◆ 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 225bar or 330bar
- ◆ Back pressure/ non return valve
- ◆ Thermal motor protection switch
- ◆ Manual star-delta switch
- ◆ 3 m connection cable with EEC connector
- ◆ Hour meter

PURIFICATION SYSTEM F 330

- ◆ COMP TRADE long-life filter cartridge 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 330m³ at 20° ambient temperature

FILLING DEVICES 200bar or 300bar, consisting of

- ◆ Filling unit complete with DIN filling connector G 5/8" DIN 477, filling pressure gauge and high pressure filling hose 1,2 m length with integrated self-venting filling valve



Optional Equipment

AUTO-STOP

- ◆ Automatic shutoff at final pressure 200bar or 300bar

ADDITIONAL FILLING DEVICES 200bar or 300bar, consisting of:

- ◆ Filling unit complete with DIN filling connector G 5/8" DIN 477, filling pressure gauge and high pressure filling hose 1,2 m length with integrated self-venting filling valve

ADDITIONAL PRESSURE RANGE, consisting of:

- ◆ Filling valve complete with integrated ventilation, safety valve 225bar and DIN filling connector G 5/8" DIN 477 (Autostop for both pressure ranges not possible)
- ◆ Filling pressure gauge
- ◆ High pressure filling hose, 1,2 m length

AUTO-DRAIN

- ◆ Drains all separators between the stages during compressor operation, condensate collecting tank (10 litres), sound absorber, solenoid valve and timer for auto drain system to adjust the most economical drain-intervals

FILTERSYSTEM F1200

- ◆ Incl. filter cartridge D70-500T Regenerating air volume: 1200m³

PRESEC PROFESSIONAL - Filter control system

- ◆ PRESEC – Filter System with automatic control of cartridge, indication of cartridge penetration and automatic stop, when reaching limits

PRESEC INTEL – Filter control system

- ◆ 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



Technical Specifications

Model		CTP 160 E3	CTP 210 E3	CTP 280 E3	CTP 320 E3
Delivery Rate*	[lit/min]	160	210	280	320
Speed	[r.p.m.]	1050	1200	1600	1780
Noise level	[dB(A)]	80	80	82	82
Dimension**	[LxWxH in mm]	870x440x770	870x440x770	870x440x770	870x440x770
Weight**	[kg]	125	125	134	145
Power	[kW]	4	4	5,5	7,5
Model		CTP 160 P	CTP 210 P	CTP 280 P	CTP 320 P
Delivery Rate*	[lit/min]	160	210	280	320
Speed	[r.p.m.]	1050	1200	1600	1780
Noise level	[dB(A)]	87	87	88	89
Dimension**	[LxWxH in mm]	1170x600x770	1170x600x770	1170x600x770	1170x600x770
Weight**	[kg]	158	158	158	158
Power	[kW]	6,6	6,6	6,6	8

medium	breathing air acc. DIN 3188 / EN 12021:2014
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
2nd stage	36
3rd stage	14
piston travel	mm 40
intermediate overpressures	
1st stage approx.	bar 7
2nd stage approx.	bar 40-46
filling pressure (fin.safety valve)	bar 225 or 330
rotating direction	counter clockwise
(view directed to flywheel)	
cooling	air
lubrication	splash lubrication with oil whizzer pin
quantity of lubricating oil	L 1.8
oil types	synthetic oil
tolerated maximum ambient temperature	+5 ... +45°C
tolerated maximum inclination	5°
condensates drain	every 10-15 min., manually

drive motor

three-phase squirrel cage motor 400V, 50/60 Hz, 2900 r.p.m.,
design / type of protection B3, IP 55

*Measured during 10 liters cylinder filling from 0-200 bar tolerance +/- 5% at + 20° C ambient temperature.

**Standard model. Weight and dimensions may vary depending on accessories.

Firmensitz:
COMP TRADE GmbH
Werkstrasse 14
A-2522 Oberwaltersdorf

Geschäftsführer:
Johann Freinschlag
Nicole 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