

Elec50

DLT 0501 **emission free & speed regulated electric drive**

- Operating pressure**
5 to 12 bar
- Volume flow**
3,5 m³/min at 12 bar
5,0 m³/min up to 7 bar
- Motor power**
30 kW
- Cross weight (unbraked)**
< 750 kg

ZERO
EMISSIONS
ELECTRIC
DRIVEN



Typical applications

- ▶ Pickhammers and Breakers
- ▶ Blow-out work
- ▶ Drilling
- ▶ Displacement hammers
- ▶ Spray painting
- ▶ Sand and ice blasting
- ▶ Environmental or noise protection zones
- ▶ Urban or indoor applications as in tunnels, narrow excavation pits or buildings

GERMAN
ENGINEERING
& DESIGN

Features

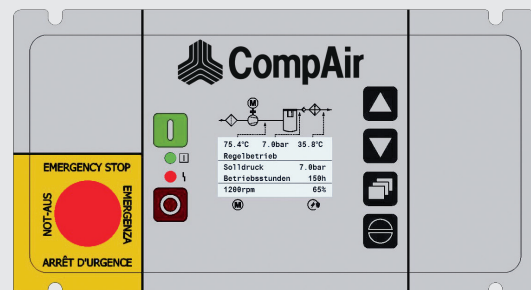
- IP55 (IE-3) – IEC 60034-2-1 ECA Qualifying
- High efficiency airoend, designed and manufactured in our own facility in Germany
- Mobile 5 program: up to 5 years warranty on the package except engine
- Bolted single sheets.
Galvanised, electrostatically powder-coated
- Hinged hood with two robust gas springs
- Robust plastic protection
- Optional compressed air filtration
- Volume flow control
- Oil filter is screwed onto the compressor block
- Standard oil temperature control valve
- Main switch inside the compressor enclosure
- Central lifting eye
- FPM Flexible Powermanagement with 16A to 63A

Benefits

- ▶ Future-proof investment with the latest and most economical technology
- ▶ Low consumption of engine power and electric energy
- ▶ Operational safety with warranty
- ▶ Quick and economical to replace when damaged.
Excellent protection against corrosion
- ▶ Good accessibility for maintenance
- ▶ Protects control panel and traffic safety elements
- ▶ Technically oil-free in accordance with ZTV-ING Part 3 Section 4
- ▶ Automatically adapted to the compressed air requirement
- ▶ Enables quick, easy maintenance
- ▶ Reduces freezing of connected tools at low temperatures
Use at -10 to +45°C ambient temperature
- ▶ Protection against misuse
- ▶ Easy to relocate, transport via crane or helicopter
- ▶ Extended application possibilities due to delivery volume adjustment during pressure adjustment;
Compatible to 63A CEE sockets and with optional adapters to 16A or 32A CEE sockets

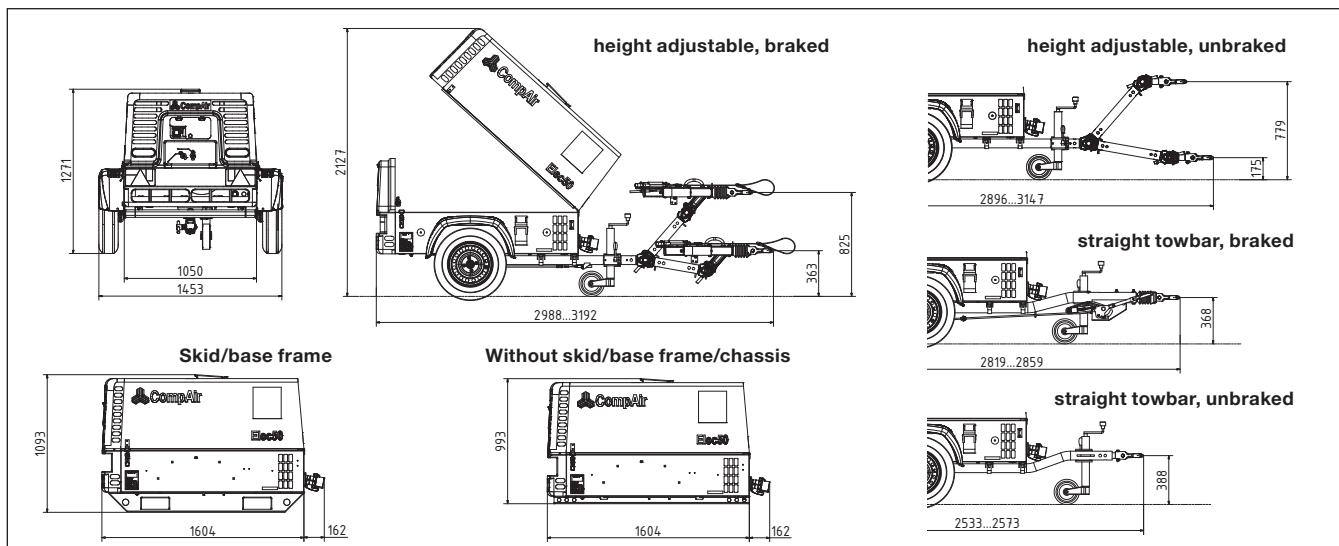
Portable-Control DELCOS

- ▶ Fully protected digital display
- ▶ Display values
 - Compressor temperature
 - Operating pressure
 - Extraction air temperature
 - Operating hours
 - Target pressure
 - Workload of the power source
 - Motor speed
- ▶ Automatic protection in case of malfunction:
 - Compressor temperature too high
 - Engine temperature too high
 - Error diagnosis
 - Inverter malfunctions
 - Sensor monitoring



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Technical data

Series	DLT0501	
Type	Elec50	
	Flexible Power Management	
Volume flow at operating overpressure ¹⁾	m ³ /min	3,5 at 12 bar 5,0 up to 7 bar
Operating overpressure	bar	5 – 12
Engine	IP55 (IE-3) – IEC 60034-2-1 ECA Qualifying	
Nominal voltage	V/Hz [tolerance voltage]	400 / 50 [± 10 %]
Electrical connection	63A CEE-Plug 6h	
Emission standard	emissionfree	
Installed engine power	kW	30,0
Idle speed – full speed	1 / min	800 – 4250
Operating weight ^{2) 3)}	– height adjustable, braked	kg
	– height adjustable, unbraked	kg
	– straight towbar, braked	kg
	– straight towbar, unbraked	kg
Dimensions LxWxH	– adjustable, braked	mm
	– straight, braked	mm
Compressed air connections	2 x 3/4"	
Sound pressure level ⁴⁾	dB(A) LPA	69

¹⁾ According to ISO 1217 Ed. 4 2009 Annex D

²⁾ Operating weight with operating materials, without options

³⁾ All models are available with skid-base frame or without skid/base frame/chassis ⁴⁾ Sound pressure level according to PNEUROP PN8NTC2.2 at 7 m

AirPlus – Many Options for many Applications

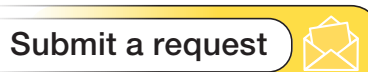
(Aftercooler is standard)

- ▶ **Bypass-Aftercooler** (On/Off)
- ▶ **Bypass-Heat-Exchanger** (On/Off)
- ▶ **Fine Filter**
- ▶ **Hose Recoiler**
- ▶ **Tool Lubrication**
- ▶ **Control Air Lubrication**
- ▶ **Adapter Cable 63A/32A**
- ▶ **Adapter Cable 32A/16A**
- ▶ **IE4-Engine**
- ▶ **iConn**
- ▶ **Chassis options:**
 - height adjustable, braked
 - height adjustable, unbraked
 - straight towbar, braked
 - straight towbar, unbraked
 - skid/base frame
 - without skid/base frame/chassis

For more information – click here:



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