

EU-VERSION 01 EN

# **CHAMPION**

## **EMISSION FREE, EFFICIENT, RELIABLE**

Electric driven & regulated speed



**ZERO**  
EMISSIONS  
**ELECTRIC**  
DRIVEN 



CMPe-P51

[www.ChampionAirtech.com](http://www.ChampionAirtech.com)

ELECTRIC DRIVEN & REGULATED SPEED

# CMPe-P51 – EMISSION FREE, EFFIC

Champion's range of portable compressors have proven their reliability and efficiency in the toughest of environments. The new **CMPe-P51** compressors combine these characteristics with the benefits of an emission-free, extremely quiet and economic electric drive:

The **CMPe-P51** is ideal for use in environmental or noise protection zones, e.g. in tunnels, narrow excavations and inside buildings. Wherever a power supply is available, the compressor can be connected on the public power grid.

Compared to a diesel equivalent, the **CMPe-P51** offers potential savings of 46 % in energy costs and 36 % in maintenance and servicing costs.

For more information – click here:



[Video CMPe-P51](#)

## 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



# IENT, RELIABLE

## Features & benefits



Working pressure  
5 to 12 bar



New **DELCOS Controller**  
and **iConn** for GPS tracking



Mobile 5 warranty up to 5 years  
**protection** for your investment



Volume flow  
3,5 m<sup>3</sup>/min at 12 bar  
5,0 m<sup>3</sup>/min up to 7 bar



**Air+** – the right  
**compressed air**  
for your application



**German engineering,**  
design & manufacture



Motor power  
30 kW



Service kits for **cost-**  
**effective maintenance**



**Health protection**  
for employees



Cross weight (unbraked):  
< 750 kg – can be **towed**  
**by passenger car**



60% known main components  
ensure a **good spare parts**  
**supply**



For **urban** construction sites  
or **indoor** applications



**FPM – Flexible Power**  
**Management** with  
16A to 63A



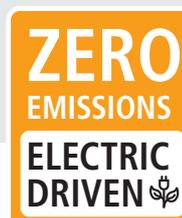
Up to **46% savings** in energy  
**costs** and **36% savings** in  
**maintenance** and **servicing costs**  
compared to a diesel equivalent



Plug & Play on the  
**public power grid**



**Regulated speed** screw  
compressors



## Options – AirPlus

(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

For more information – click here:



[Video CMPe-P51](#)

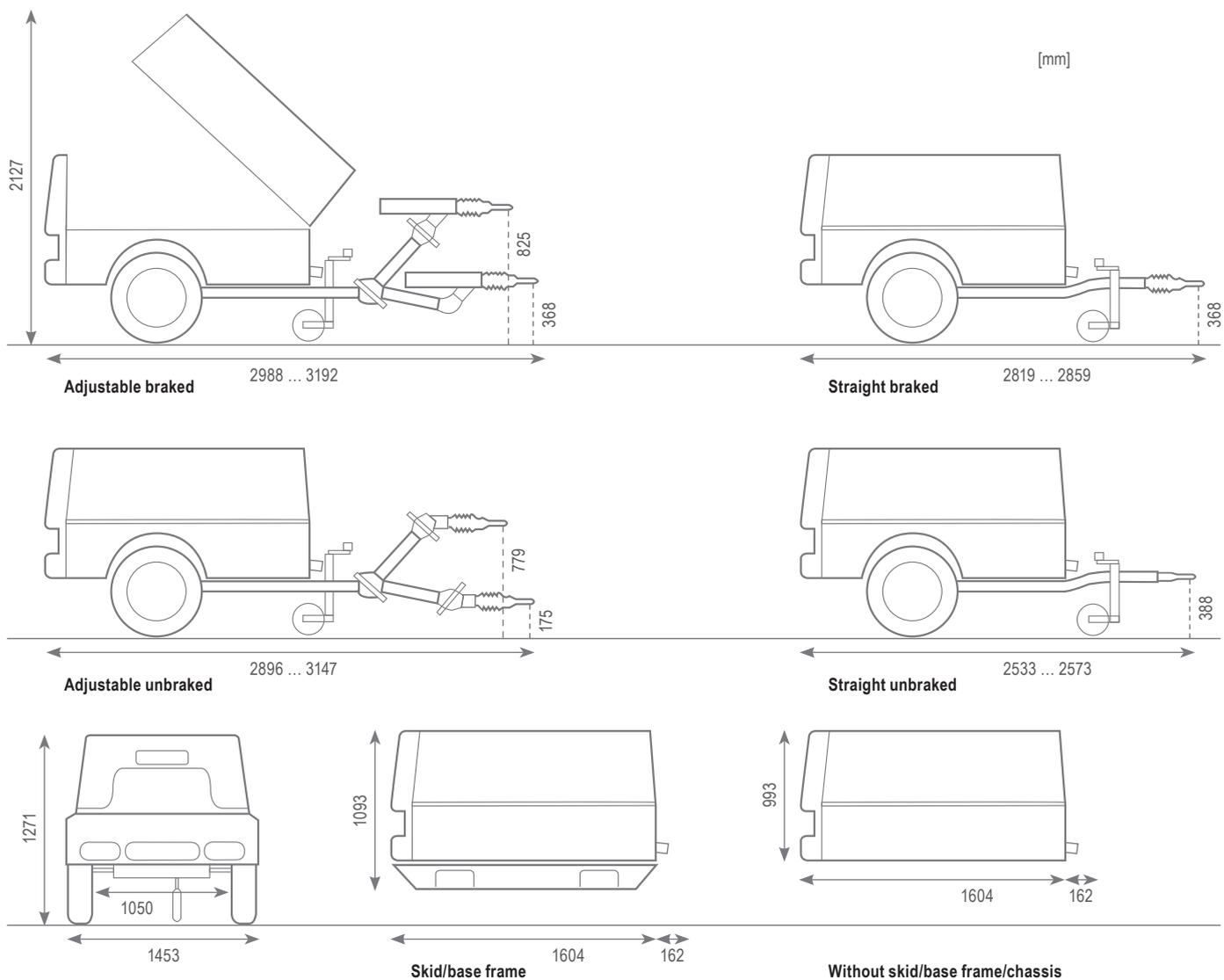


- ▶ Chassis options:
  - adjustable braked
  - adjustable unbraked
  - straight braked
  - straight unbraked
  - skid/base frame
  - without skid/base frame/ chassis

Click here:

[Submit a request](#)





## Technical data

Series	DLT0501	
Type	<b>CMPe-P51</b>	
	Flexible Power Management	
Volume flow at operating overpressure <sup>1)</sup>	m <sup>3</sup> /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 <sup>2) 3)</sup>	– height adjustable, braked	kg    781
	– height adjustable, unbraked	kg    745
	– straight towbar, braked	kg    754
	– straight towbar, unbraked	kg    725
Dimensions L x W x H	– adjustable, braked	mm    2988–3192 x 1456 x 1250
	– straight, braked	mm    2859 x 1456 x 1250
Compressed air connections	2 x 3/4"	
Sound pressure level <sup>4)</sup>	dB(A) LPA	69

<sup>1)</sup> According to ISO 1217 Ed. 4 2009 Annex D

<sup>2)</sup> Operating weight with operating materials, without options

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

COMPRESSED AIR SOLUTIONS

**CHAMPION**

# YOUR COMPRESSED AIR PARTNER



Champion's piston compressor range is designed to cover all the possible professional uses of compressed air. Our piston compressors come in various forms and sizes, providing a truly complete range of choices.



Champion stationary rotary screw compressors, both fixed and variable speed drive, are the answer to the needs of small and medium-sized companies.



A modern production system and process demands increased levels of air quality. Our complete Air Treatment Range ensures product quality and efficient operation.



Champion also design and manufacture an enviable range of Rotary Scroll, Rotary Vane and Portable Rotary Screw compressors. All designed to provide efficiency and reliability in the most demanding applications and conditions, these compressors set new standards.

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For additional information please contact  
your local representative.  
Specifications subject to change without notice.