

# Screw Compressors

CPBg



People.  
Passion.  
Performance.

 **Chicago  
Pneumatic**

# About Chicago Pneumatic

Since 1901, the **Chicago Pneumatic** name has represented reliability and attention to customer needs, as a global manufacturer of power tools, air compressors, generators, light towers, and hydraulic equipment for professional and industrial applications. It represents products that are engineered for high performance. In addition to pioneering design, high-impact technology and durability, **Chicago Pneumatic** means **customer value**.

Our people start every single day with a passion to research, develop, manufacture and deliver new products that are meant to meet your needs not only today, but tomorrow as well.

All this has come together because we have consistently practiced our brand promise:

**People. Passion. Performance.**



# People. Passion. Performance.



For Chicago Pneumatic, it isn't just about products. We value our end-users' and distributors' **performance**, and do our ultimate best to make it **easy to work** with us while providing **reliable products with a passion**.

- **Broad product portfolio** of robust compressors & tools
- **Decades of experience & innovation**
- **100% committed** distributor partnership

This is how we keep you productive at all times, meeting the needs of professionals in vehicle service, general industry and construction around the globe.







**People. Passion. Performance.**

## Define your needs,

Going for our extensive offer of oil-injected screw compressors below 30kW, you choose for **reliable performance**, **thrustworthy technology** and **increased efficiency**. These ranges are also suitable for more demanding applications and can be deployed in harsh working conditions.

### CPBg



Noise level	 Silent: 67-71 dB(A)
Vessel size	 0, 500 L
FAD	 1946 - 6167 l/min
Power	 20-50 hp / 15-37 kW
Pressure	 8 - 13 bar
Weight	 241 - 710kg

### User benefits

\* Tank-mounted versions available up to 30HP

### User benefits

- In-house designed air end suitable for continuous duty and very hard working conditions.
- High efficient gear transmission for low cost maintenance and reliable operation (
- Good positioning of service items for easy servicing
- Save space and installation costs with tank-mounted installations with dryer
- Increased operating comfort through reduced noise levels



# CPBg Series 20-50 Hp /15-37 kW gear driven



## Strong, reliable, efficient.

With this range, Chicago Pneumatic sets a new standard in high efficiency, low noise level and outstanding reliability. These units come with a new element, a high performance gear box and premium efficiency motors.

Quiet and available with a dryer, water separator and filters, this machine can easily be installed in a compressor room or in the work place close to the air usage point.

The wide range of options allows you to easily customize your CPBg while its unique design satisfies your needs in terms of user-friendliness, reliability and lifetime duration. All in all, the ideal screw compressor for high energy efficiency and hard working conditions.



**CPBg 40**



**Low noise levels**

The new element and gearbox combined with the deep sound insulation result in a very low sound level



**Easy and fast maintenance**

Easy maintenance and very low pressure drop thanks to the new oil separation



**ES4000**

A unique control unit, specially programmed for energy saving. ES4000 advanced as an option.



**Energy recovery**

Recover up to 75% of the energy spent to produce compressed air improving your production efficiency



**Air quality package**





CPBg is available with dryer, water separator drain and post filter for improved quality air.



### Gear drive for high efficiency

The CPBg series offers you outstanding efficiency and great reliability thanks to the new element combined with robust gearbox technology and premium efficiency motors (IE3).

Add a revised lay-out, a big oil separator and coolers to that and you have a compressor that will grant you total peace of mind.

Technical Table	 * [l/min]						 **	
Type	7,5 bar version	8 bar version	10 bar version	13 bar version	HP	kW	dB(A)	L x W x H (mm)
Base Mounted					Base Mounted (+ Dryer )			
CPBg 20	2696	2536	2266	1946	20	15	67	1200 x 835 x 1220 (1350 x 835 x 1220)
CPBg 25	3317	3144	2922	2279	25	18,5	68	1200 x 835 x 1220 (1350 x 835 x 1220)
CPBg 29	3858	3741	3294	2790	30	22	69	1200 x 835 x 1220 (1350 x 835 x 1220)
CPBg 34	4210	3987	3728	3263	35	26	71	1200 x 835 x 1220 (1350 x 835 x 1220)
CPBg 20-34 is also available installed on a 500L air vessel + dryer, dimensions: 1940 x 835 x 1835								
CPBg 30	3867	3650	3317	2867	30	22	68	1320 x 830 x 1555 (1320 x 830 x 1555)
CPBg 35	4517	4300	3933	3417	35	26	69	1320 x 830 x 1555 (1320 x 830 x 1555)
CPBg 40	5467	5000	4583	4000	40	30	70	1320 x 830 x 1555 (1810 x 830 x 1555)
CPBg 50	6167	5650	5067	4583	50	37	71	1320 x 830 x 1555 (1810 x 830 x 1555)

For weights and part numbers, please contact your local customer center.

All units are also available in 60 Hz, please contact your local sales representative for more information.

\* Unit performance measured according to ISO 1217, Annex C, latest edition

\*\* Noise level measured according to ISO 2151:2004 using ISO 9614/2

