



Chicago Pneumatic



CPBg 20-34 (20-35 hp)

People. Passion. Performance.

CPBg 20-34 (20-35 hp) Rotary Screw Compressors

Strong, Reliable, Efficient

Chicago Pneumatic sets a new standard in high efficiency, low noise level, and outstanding reliability with the new CPBg 20 - 34 range. These units come with a new element, a high-performance gearbox, and premium efficiency motors. 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, it is the ideal screw compressor for high energy efficiency and hard working conditions.

Low Noise Levels

The new element and gearbox combined with the deep sound insulation result in very low sound levels.

Easy & Fast Maintenance

Easy maintenance and very low pressure drop thanks to the new oil separation method, large hinged doors and removable panels. Oil sight glass hole is located in panel for easy view of oil level.

Smart Monitoring & Control

The unique ES4000 Standard control unit is specially programmed for energy savings (ES4000 Advanced is available as an option)

Optional Air Quality Package

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



CPBg 20-34 (20-35 hp) Rotary Screw Compressors

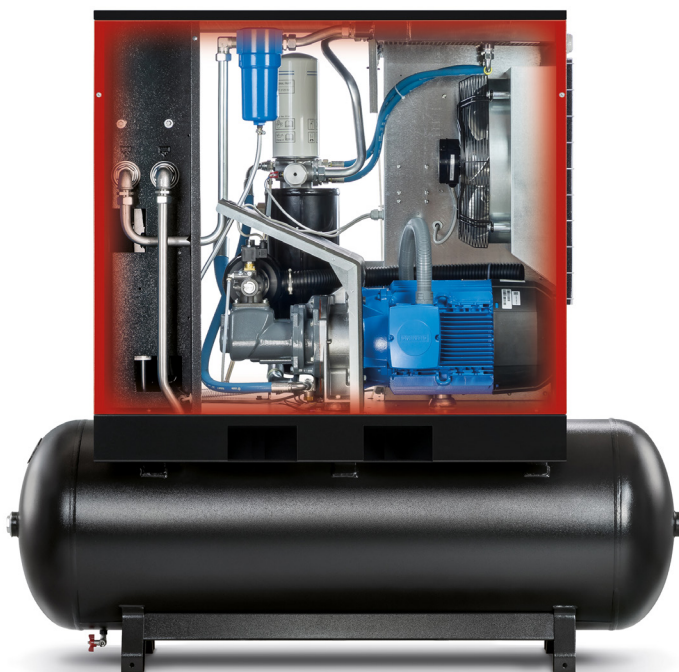
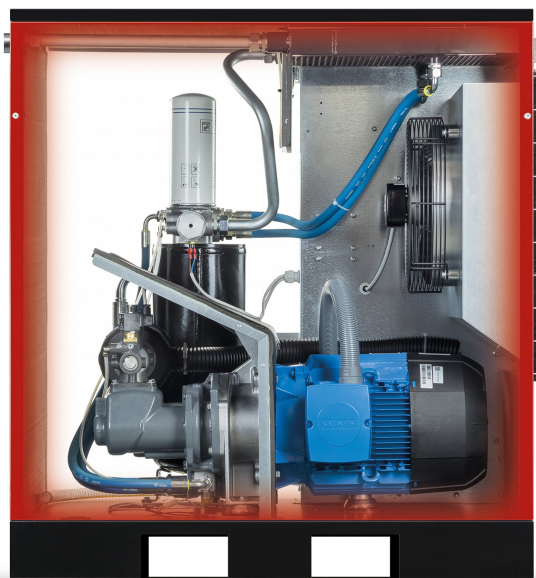
Gear Drive

Reliable Compressed Air For Serious Professionals

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 large oil separator and coolers to that and you have a compressor that will grant you total peace of mind.

Standard Features:

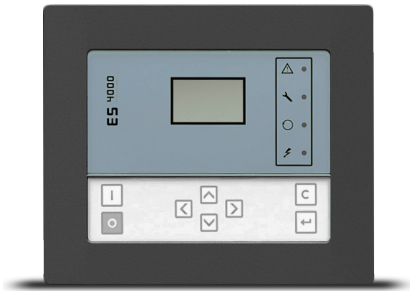
- Low sound enclosure and pre-filtration panel with foam
- 100, 125, 150 and 175 psig available
- Rapid, single-panel maintenance
- Wye-delta, reduced voltage start
- ES4000 microprocessor control
- Tri-voltage 208-230-460 motor, 575V also available
- Independent oil and air aftercoolers
- Temperature protection on drive side motor bearings
- Improved long life inlet valve
- Shipped with Rotair 2000 hour oil
- Tank and base mount options
- 10 L / 2.64 gal oil capacity
- ASME, CRN and cUL approved



Intelligent Savings

The CPBg series is managed by the ES4000 Standard. This electronic control unit is programmed for energy saving operation with intelligent shutdown. The ES4000 control can be programmed to shutdown in accordance with your plant air demand and reduce long periods of unloaded operation, reducing power cost. The ES4000 control feature can save a customer hundreds of dollars per year.

ES4000 Standard



Features:

- Automatic Restart After Voltage Failure
- I/O Expandable
- Service Warnings
- Remote Pressure Sensor Possible
- Remote Monitoring

ES4000 Advanced



Features:

- Graphic Display
- Automatic Restart After Voltage Failure
- I/O Expandable
- Graphic Service Plan Indicator
- Real Time Trending
- Daily/Weekly Schedule
- Remote Monitoring
- Master Control Capability

Options

- **Canopy Heater** for low temperature installation (down to 14 °F)
- **Energy Recovery**
- **Phase Sequence Control (CPBg only)**
- **Rotair Xtra (8000 hour oil)**
- **Food Grade Oil** for food & beverage applications
- **Super Silencing Baffle** option available on field kit: extra -2 dB(A)
- **ES4000 Advanced upgrade**



The CP Compressor Guarantee

Chicago Pneumatic (CP) is dedicated to providing high quality, reliable equipment that has stood the test of time as one of the most rugged compressors in the market. Our compressors are 100% factory tested, and we stand behind our products with one of the most competitive warranties in the industry!

- | | |
|------------------------------|--|
| • All rotary screw | 1 Year with option to extend to 5 Years* |
| • Two-stage reciprocating** | 2 Years |
| • Single-stage reciprocating | 1 Year |

**Screw compressors are supported by our CP Secure 1-Year Warranty with the option to extend to a full 5-year warranty (authorized start-up required and regular maintenance with factory authorized fluids and parts).*

***Excluding Two-stage Gasoline Drive Contractor Series which are covered for 1 year.*

CP compressors are supported by a network of trained service technicians who can provide complete warranty support, spare parts and technical consultation. For more information on our products, please contact your CP territory sales manager or a local authorized CP distributor.

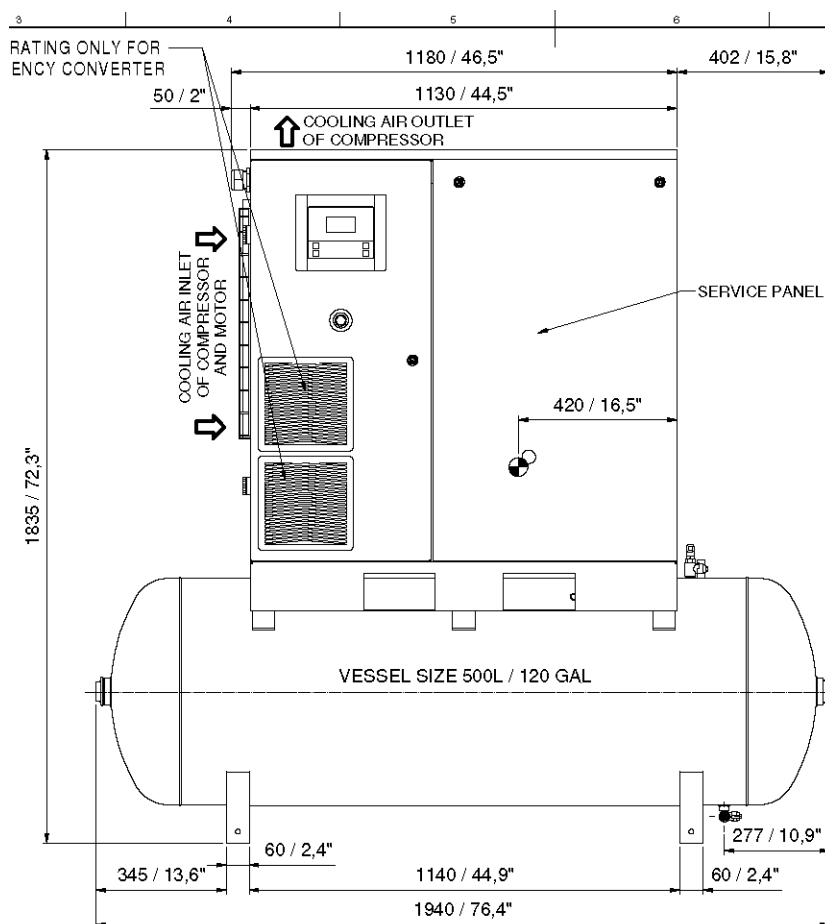
Technical Data

CPBg

Model	CPBg (D)-20	CPBg (D)-25	CPBg (D)-29	CPBg (D)-34
Horsepower	20	25	30	35
acfm @ 100 psig	97	125.2	137.9	140.7
acfm @ 125 psig	88.4	113.1	130.3	138.4
acfm @ 150 psig	83.6	100.6	124.8	129.9
acfm @ 175 psig	70.1	88.6	105.5	114.2
Sound Level (dBA)	67	69	70	71
Base Mount L x W x H (in)	47.2 x 32.9 x 48	47.2 x 32.9 x 48	47.2 x 32.9 x 48	47.2 x 32.9 x 48
Net Wt. (lb)	904	959	992	1025
Base Mount w/Dryer L x W x H (in)	53.1 x 32.9 x 48	53.1 x 32.9 x 48	53.1 x 32.9 x 48	53.1 x 32.9 x 48
Net Wt. (lb)	1058	1124	1157	1190
Tank Mount L x W x H (in)	76.4 x 32.9 x 72.2	76.4 x 32.9 x 72.2	76.4 x 32.9 x 72.2	76.4 x 32.9 x 72.2
Net Wt. (lb)	1400	1455	1488	1521
Tank Mount w/Dryer L x W x H (in)	76.4 x 32.9 x 72.2	76.4 x 32.9 x 72.2	76.4 x 32.9 x 72.2	76.4 x 32.9 x 72.2
Net Wt. (lb)	1510	1576	1609	1642

D variant includes integrated dryer and one integrated coalescing filter;

CPBgs scope of supply includes ES4000 (LCD) and mineral oil.





Over 100 years of experience

Since 1901 the Chicago Pneumatic name has represented high-performance tools and equipment designed for an extensive range of applications. Today, Chicago Pneumatic has a global reach, with local customer centers around the world. Chicago Pneumatic products are tailored to the needs of the industrial, vehicle service, and construction markets. Every day we develop and manufacture new products that are meant to meet your demands not only today, but tomorrow as well.

To learn more about our extensive range of tools, hydraulic attachments, industrial and portable compressors, accessories and workshop equipment, please visit www.cp.com.

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Care. Trust. Efficiency.

Care. Care is what service is all about: professional service by knowledgeable people, using high-quality Original parts.

Trust. Trust is earned by delivering on our promises of reliable, uninterrupted performance and long equipment lifetime.

Efficiency. Equipment efficiency is ensured by regular maintenance. Efficiency of the service organization is how Original Parts and Service make the difference.

DISTRIBUTED BY



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The Compressed Air and Gas Institute, CAGI, is an organization dedicated to improving the compressed air industry through established standards. As a proud member of CAGI, CP Compressors publishes all technical data in accordance with CAGI/PNEUROP PN2CPTC2 guidelines and voluntarily allows products to be selected for participation in CAGI's Performance Verification Program. With CP Compressors, our customers know they are receiving the excellent performance that we publish.



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