



CPG 350 to 500 HP Series

People. Passion. Performance.

Gear Drive Rotary Screw Air Compressors

CPG 350 to 500 hp

Superior Compressed Air Solution For Demanding Industries

Maximize your productivity with an optimum compressed air solution provided by the CPG series of compressors. Built-in cooling provides improved performance, reliable transmission for energy savings and an advanced monitoring system ensure you get the most from your compressed air system! The CPG series provides minimum operating cost, easy installation and simplified maintenance.

Model	CPG-350(A)	CPG-350(W)	CPG-450(A)	CPG-450(W)	CPG-500(A)	CPG-500(W)
Horsepower	350		450		500	
acfm @ 100 psig	1960		2187		2390	
acfm @ 125 psig	1811		1988		2204	
acfm @ 150 psig	1660		1759		1977	
acfm @ 200 psig	1412		1460		1657	
Sound Level (dBA)	78*	72*	82	74	87	75
L x W x H (in)	134 x 79 x 91	134 x 78 x 91	237 x 84 x 98	165 x 90 x 104	237 x 84 x 98	165 x 90 x 104
Base Weight (lb)	14,368*	12,465	20,701	17,861	20,701	17,861

*Varies by pressure range

Standard Features:

- Fully enclosed low sound enclosure
- Single air-end with latest asymmetric profile (CPG 350)
- Twin air-end with latest asymmetric profile (CPG 450-500)
- Two stage oil separation (CPG 350)
- Dual air/oil separators and tanks (CPG 450-500)
- Wye-delta starter, 460V (2300V and 4160V; require remote starters and panel)
- TEFC motor standard 460V (2300V and 4160V motors available)
- Dual cooling fans (CPG 350)
- Quad cooling fan system (CPG 450-500)
- Dual spin-on oil filter cartridges (CPG 350)
- Six spin-on oil filter cartridges (CPG 450-500)
- Integrated moisture separator with automatic & manual drains
- Heavy duty inlet unloader has less parts and lower pressure drop (CPG 350)
- Dual heavy duty inlet unloader (CPG 450-500)
- ES4000 Advanced Controller (CPG 350)
- Advanced microprocessor controller (CPG 450-500)



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).

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.

CPG 350 ES4000 Advanced Controller



Features:

- Graphic Display
- Automatic Restart After Voltage Failure
- I/O Expandable
- Graphic Service Plan Indicator
- Remote Pressure Sensor Possible
- Real Time Trending
- Remote Monitoring
- Master Control Capability
- EControl 6i integrated (see below)

CPG 450-500 Advanced Microprocessor Controller

Features:

- Overall system performance status with pro-active service indications, alarms for malfunctions and safety shutdowns
- Multi-language selectable display
- All monitoring and control functions via one interface
- Wide communication possibilities
- Integration possible in many process control systems (field bus system)

Central Controller

EControl 6i

Features:

- Extended functionality for up to 6 compressors using different controller types
- Controls the network from a central pressure transducer (included) on the main receiver
- Can control up to 6 Variable Speed or Fixed Speed machines
- Can control up to 6 compressors through CAN/LAN Network
- Timer based start up and shut down
- Multiple Pressure band settings
- 'Online Monitoring' available with Optional ComBox E

Precision-made cooling fans, aftercoolers and (optional) water-cooling technology increase compressor life and reduce downstream condensate

Advanced monitoring controller for accurate control of your compressed air system

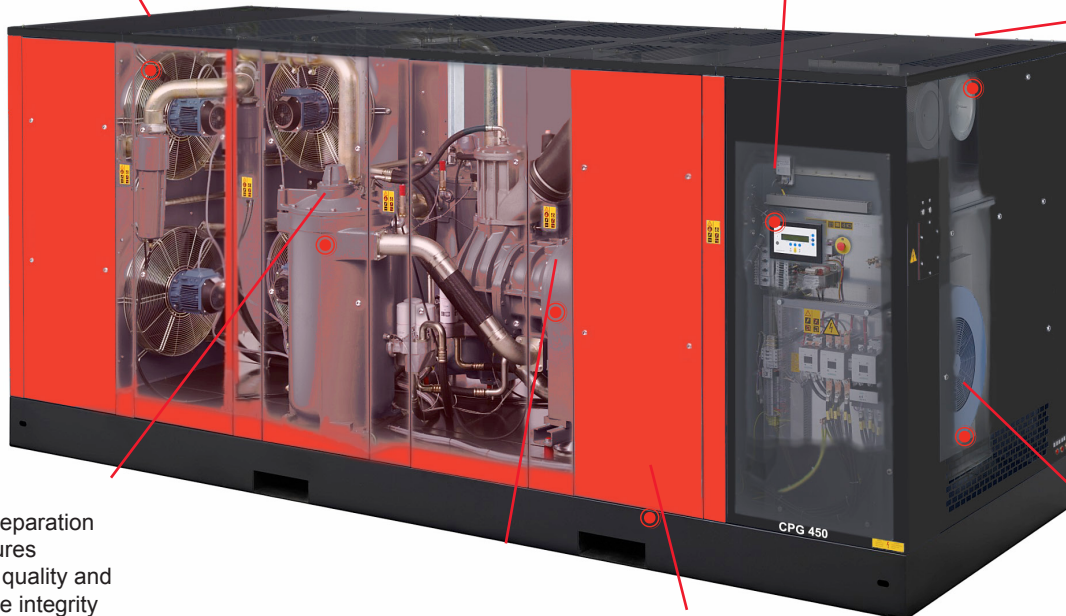
Industrial-grade filtration protects your equipment from dust and harmful contaminants

Two-stage separation system ensures optimum air quality and maintains the integrity of the lubricant

Gear-drive transmission for perfect alignment, reduced vibration and more efficient performance

Easy to remove panels give quick access to all service points, reducing downtime for maintenance intervals

High efficiency, wye-delta, TEFC continuous-duty motor capable of operating in high ambient temperatures





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.

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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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