

# QRS 3-7.5 & 10-20

Belt Drive Rotary Screw Air Compressors

**COMPRESSED**  
AIR ADVISORS  
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People  
Passion  
Performance



# QRS 3-20 Belt Drive Rotary Screw Air Compressors

## The Quiet Rotary Screw (QRS)

Engineered for high performance, efficiency and reliability, the Chicago Pneumatic line of QRS (Quiet Rotary Screw) air compressors can meet the compressed air demands of a tire shop, maintenance shop, vehicle body shop, paint shop or automotive dealership. With its whisper quiet design the QRS can be installed almost anywhere, and is offered with an optional mounted dryer (with tank mounted option only). The QRS is the leading rotary screw compressor for light industrial applications.



Model	QRS-3.0 HP(D)	QRS-5.0 HP(D)	QRS-7.5 HP(D)	QRSM-10 HP(D)	QRS-10 (D)	QRS-15 (D)	QRSM-20 (D)
Horsepower	3	5	7.5	10	10	15	20
acfm @ 125 psig	N/A	N/A	N/A	N/A	40.0	56.5	62.7
acfm @ 150 psig	8.5	16.6	21.2	33.0	35.2	51.0	59.9
Sound Level (dBA)	61	62	64	66	65	69	71
Base Mount L x W x H (in)	25 x 24 x 38	25 x 24 x 38	25 x 24 x 38	25 x 25 x 39	34 x 27 x 39	34 x 27 x 39	34 x 27 x 39
Net Wt. / Shipping Wt. (lb)	218 / 293	231 / 306	243 / 318	353 / 459	375 / 481	408 / 514	441 / 547
Tank Mount L x W x H (in)	57 x 24 x 50	57 x 24 x 50	57 x 24 x 50	57 x 26 x 51	77 x 27 x 58	77 x 27 x 58	77 x 27 x 58
Net Wt. / Shipping Wt. (lb)	342 / 448	351 / 457	362 / 468	496 / 602	589 / 695	622 / 728	655 / 761
Tank Mount w/Dryer L x W x H (in)	57 x 24 x 50	57 x 24 x 50	57 x 24 x 50	57 x 26 x 51	77 x 27 x 58	77 x 27 x 58	77 x 27 x 58
Net Wt. / Shipping Wt. (lb)	412 / 518	425 / 531	437 / 543	573 / 679	667 / 773	699 / 805	732 / 838

### Standard Features:

- Low sound enclosure
- 150 psig standard (3-10M)
- 125 & 150 psig standard (10-20M, 100 & 175 available with kit)
- Continuous operating capability
- 60 gal. ASME/CRN receiver tank (3-10M)
- 132 gal. ASME/CRN receiver tank (10-20M)
- Single phase 230 TEFC motor (3-7.5)
- 3-phase, 208-230/460V and 575V, TEFC Motor (3-20M)
- Start/stop operation
  - QRS 3-10M 3-phase
- Load/no-load operation with timed shutdown
  - QRS 5.0-7.5 HP single phase
  - QRS 10-20M
- UL, cUL and CSA approved control panel
- 5 year warranty with authorized start-up
- Spin-on oil filter and separator
- NEMA 1 electrical protection
- Vibration isolated assembly



### 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                                   |

# QRS 10-20M Fixed Speed Rotary Screw Air Compressor

Equipped with the latest generation of screw element for improved free air delivery and efficiency

Easy to use, efficient, and reliable, the QRS 10-20M range meets the compressed air demands of tire shops, paint shops, car dealers, maintenance shops and more. The range is quiet by design, allowing it to be installed almost anywhere in the workshop, without disturbing your working environment. Base mounted or tank mounted, with or without dryer, and with 100-175 psig pressure variants available, the QRS is a complete solution for your business.



## Introducing the ES4000 Basic Controller

The QRS 10-20M is managed by the ES4000 basic controller, an electronic control unit programmed for energy saving operation with intelligent shutdown. The ES4000 controller makes operation very simple with warning and service alarms.

### Features:

- Icon based display with pressure and temperature settings/readings
- Running and working hours
- Service warnings
- Element outlet temperature reading
- Automatic restart after voltage failure



*\*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.



## 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](http://www.cp.com).

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.



## 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/PNEUROPN2CPTC2 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.

