



**Chicago  
Pneumatic**

**QRS Series**



**BELT DRIVE  
ROTARY SCREW AIR COMPRESSORS  
20 TO 30 HP**

***High-performance products.  
Designed for you !***

# BELT DRIVE ROTARY SCREW AIR COMPRESSORS 20 TO 30 HP

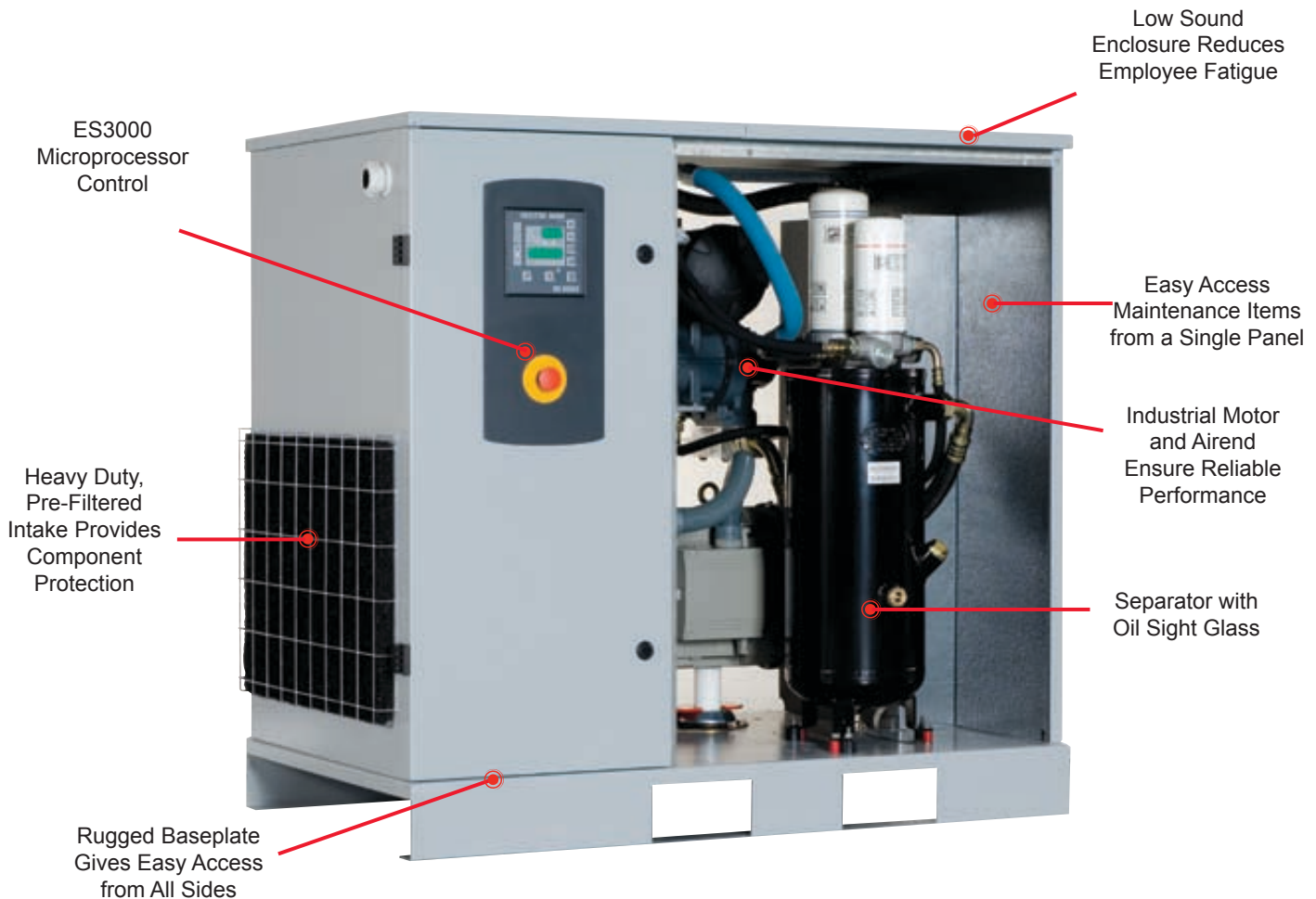
## THE QUIET COMPRESSED AIR SYSTEM

The QRS 20-30 is a rugged, rotary screw compressor that combines stealth with superior performance. Ideal for automotive and light industrial applications, the QRS is engineered and built to support the most demanding requirements.

MODEL	QRS-20	QRS-25	QRS-30
HP	20	25	30
acfm @ 100 psig	90	111	130
acfm @ 125 psig	84	99	122
acfm @ 150 psig	74	94	109
Sound Level (dBA)	63	66	68
Length (in)	53	53	53
Width (in)	31	31	31
Height (in)	48	48	48

## FEATURES

- Low Sound Enclosure
- 100 -175 psig
- Continuous Operating Capability
- Space Saving Design, <12 sq. ft.
- Maintenance < 15 minutes
- Wye-Delta, Reduced Voltage Start
- ES3000 Electronic Microprocessor
- Tri-Voltage, TEFC Motor
- Load/No Load With Timed Shutdown
- CP Secure 5 Year Warranty



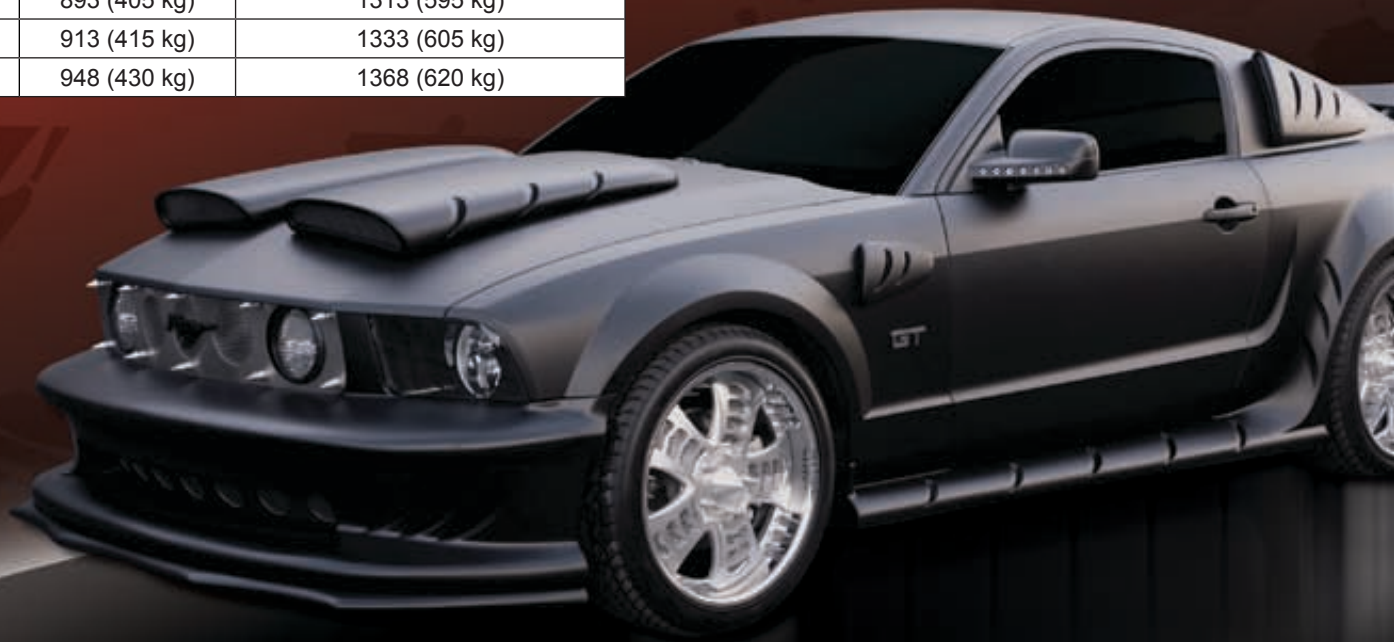
# QRS 20-30 HPD

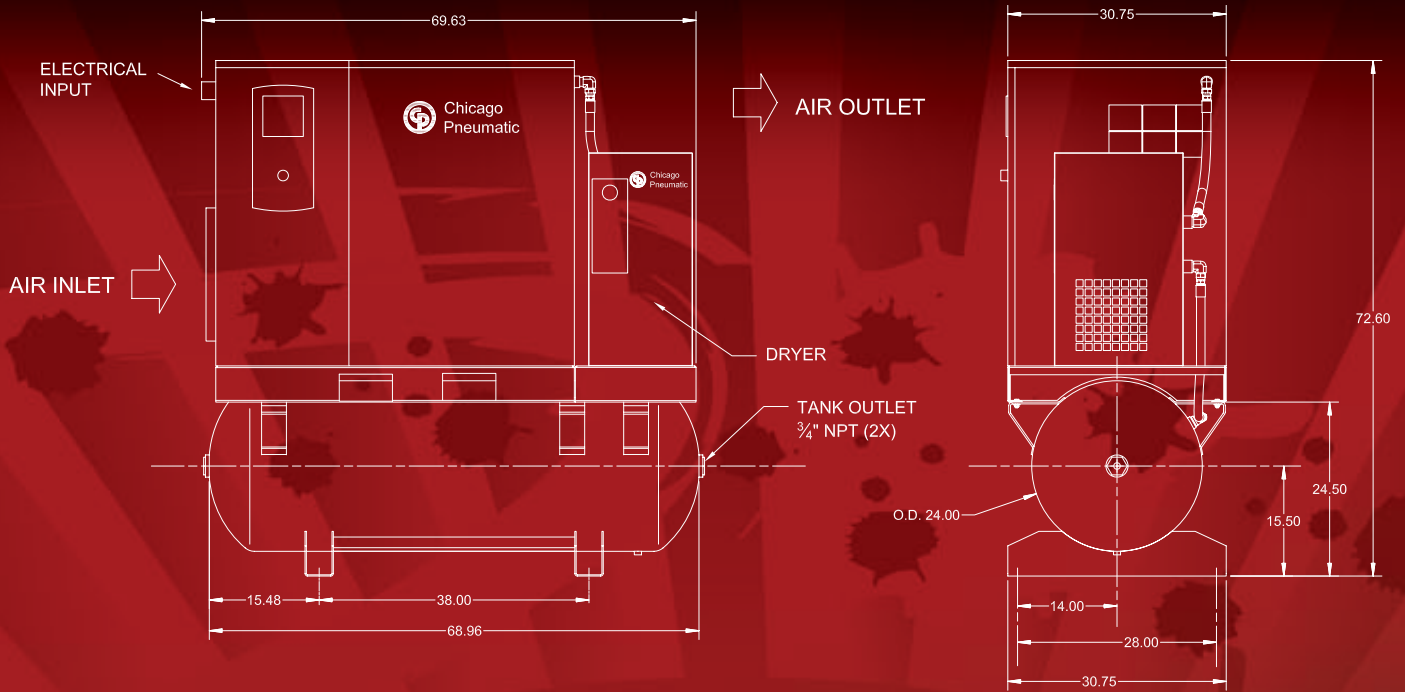
## *A Dream Machine*

Every QRS 20-30 can be supplied with a factory-mounted 120 gallon receiver tank and refrigerated air dryer to save vital floor space and provide prolonged periods of compressed air consumption. Installation into every application is quick and easy - simply supply power to the electrical panel, connect your discharge piping and you'll have instant access to high quality compressed air.

- Compressed air enters the QRS where it is triple-filtered before it enters the dryer.
- The QRS is completely piped, wired and installed adjacent to a CPX-100 non-cycling, refrigerated dryer.
- The dryer is powered by separate 115V / 1~ power and comes with electro- pneumatic controls for simple operation and trouble shooting.
- Condensate is extracted from the compressed air by the dryer and is removed by a high-efficiency electronic drain. The compressed air then passes from the dryer to the receiver tank.
- Air stored in the receiver tank is clean and dry so internal rust is minimized and downstream applications are not polluted. The 120 gallon receiver tank is ASME approved and supplied complete with manual tank drain and safety relieve valve.

WEIGHT lbs (kg)		
HP	BASE MOUNT	WITH TANK AND DRYER
20	893 (405 kg)	1313 (595 kg)
25	913 (415 kg)	1333 (605 kg)
30	948 (430 kg)	1368 (620 kg)





## INTELLIGENT SAVINGS

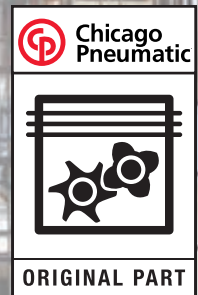
The QRS 20-30 is managed by the ES3000, an electronic control unit programmed for energy saving operation with intelligent shut-down.



The ES3000 steadily monitors the operation and maintenance cycles and notifies you - before a problem occurs!

## INTELLIGENT COOLING

The QRS 20-30 runs cool and quiet. The dedicated turbine fan provides superior cooling for the entire compressor package while the high efficiency air/oil coolers ensure the 8,000 synthetic lubricant transmits heat away from the airend. The QRS 20-30 does not require power consuming oil pumps and with proper maintenance, performance will not degrade over time.



## THE CP COMPRESSOR GUARANTEE

CP Compressors is dedicated to providing the highest quality, most reliable equipment for your compressed air application and we stand behind our promise with one of the most competitive STANDARD warranties in the industry!

- |                              |                |
|------------------------------|----------------|
| • All Rotary Screw           | <b>5 YEARS</b> |
| • Two-Stage Reciprocating    | 2 Years        |
| • Single-Stage Reciprocating | 1 Year         |

*No contracts or service agreements. Authorized start-up required.*

CP Compressors is supported by a network of trained service centers who can provide complete warranty support, spare parts and technical consultation. For more information on our compressed air products, please contact your local authorized CP Compressor distributor or representative.



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.



**CP Compressors**  
1800 Overview Drive  
Rock Hill, SC 29730  
877-861-CPAC (2722)

**CP Compressors Canada**  
2900 Argentina Rd. Unit 13  
Mississauga, Ontario L5N 7X9



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