

Rotary Screw Compressors

1980-2011
31
YEARS



Distributed by:



Compressed Air Systems

Simplicity. It's What We Do

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Rotary Screw 5-10 HP

RS Series Screw Compressors

The CAS 5-10 HP screw compressors are a great fit for almost any application. The unit has a 100% duty cycle so you cannot overwork the compressor. The simple maintenance and once a year oil change has made this series a perfect fit for drycleaners, body shops, cabinet shops and many other applications. This series is the best priced screw compressor assembled in the USA.

- Available 5 thru 10 HP
- Operating pressures from 100 thru 180 psi
- Low tip speeds on air end for long life
- Less than 3 ppm oil carry over
- One solenoid valve to operate machine
- Quiet operation
- Spin on separator and oil filter
- Available with receiver
- Oil after-cooler standard on all models
- 8000 hour full synthetic oil standard
- Order 125, 150, 175 or 195 operating pressure at no extra charge
- Analog controls. No unnecessary and unreliable microprocessor
- 5-year extended warranty available for air end
- Heavy-duty air filter
- German airend components

Additional options available

- Y Delta starter
- Microprocessor
- TEFC motor
- Variable speed drive



ELITE FEATURES

- Air/ oil cooler
- Timed shut down
- Auto tank drain
- Rubber mounting pads

FREE FREIGHT
48 STATES
& SOUTHERN
CANADA

Rotary Screw 15-100 HP

RS Series Screw Compressors

The CAS 15-100 HP screw compressors are designed for demanding applications that require high CFM and pressures to 180 psi. Engineered with design simplicity, fewer parts mean a more reliable compressor. The control panel is simple to operate and simple to trouble shoot. The CAS Screw compressor is designed for years of reliable service.

- Available 15 thru 100 HP
- Operating pressures from 100 thru 180 psi
- Low tip speeds on air end for long life
- Less than 3 ppm oil carry over
- One solenoid valve to operate machine
- Quiet operation
- Spin on separator and oil filter
- Comes standard with receiver
- Oil after-cooler standard on all models
- 8000 hour full synthetic oil standard
- Order 125, 150, 175 or 195 operating pressure no extra charge
- Analog controls. No unnecessary and unreliable microprocessor
- 5 year extended warranty available for air end
- Heavy-duty air filter
- German airend components

Additional options available

- Y Delta starter
- Microprocessor
- TEFC motor
- Variable speed drive



Rotary Screw 5-100 HP

RS Series Screw Compressors

5-10HP RS SERIES SCREW COMPRESSORS

Model	HP	CFM @150psi	CFM @ 125psi	Tank Size	Vert/ Horz	Airend	Voltage	1 Or 3 Phase	Amps @ 230 Volt
RS53V80	5	18	19	80	V	NK30	208-230-460	3	16
RS53H80	5	18	19	80	H	NK30	208-230-460	3	16
RS51V80	5	18	19	80	V	NK30	208-230	1	24
RS51H80	5	18	19	80	H	NK30	208-230	1	24
RS73V80	7.5	26	29	80	V	NK30	208-230-460	3	18
RS73H80	7.5	26	29	80	H	NK30	208-230-460	3	18
RS71V80	7.5	26	29	80	V	NK30	208-230	1	32
RS71H80	7.5	26	29	80	H	NK30	208-230	1	32
RS103V80	10	38	40	80	V	NK30	208-230-460	3	28
RS103H80	10	38	40	80	H	NK30	208-230-460	3	28
RS103V120	10	38	40	120	V	NK30	208-230-460	3	28
RS103H120	10	38	40	120	H	NK30	208-230-460	3	28
RS101V80	10	38	40	80	V	NK30	208-230	1	54
RS101H80	10	38	40	80	H	NK30	208-230	1	54
RS101V120	10	38	40	120	V	NK30	208-230	1	54
RS101H120	10	38	40	120	H	NK30	208-230	1	54

25-60HP TANK MOUNT RS SERIES SCREW COMPRESSOR

Model	HP	CFM @150psi	CFM @ 125psi	Tank Size	Vert/ Horz	Airend	Voltage	208-230 Adder	Amps @ 230 Volt
RS153H120	15	55	68	120	H	NK60	208-230-460	N	42
RS153V120	15	55	68	120	V	NK60	208-230-460	N	42
RS203H120	20	78	88	120	H	NK60	208-230-460	N	54
RS203V120	20	78	88	120	V	NK60	208-230-460	N	54
RS253H120	25	102	108	120	H	NK100	208-230-460	N	63
RS303H120	30	125	130	120	H	NK100	208-230-460	N	72
RS403H120	40	155	160	120	H	NK100	460-480	Y	92
RS503H120	50	185	215	120	H	NK160	460-480	Y	125
RS603H120	60	225	245	120	H	NK160	460-480	Y	144

75-100HP BASEMOUNT RS SERIES SCREW COMPRESSOR

Model	HP	CFM @150psi	CFM @ 125psi	Tank Size	Vert/ Horz	Airend	Voltage	208-230 Adder	Amps @ 230 Volt
RS75BM	75	295	335	BASE MOUNT	N/A	NK200	460-480	Y	172
RS100BM	100	400	435	BASE MOUNT	N/A	NK200	460-480	Y	238

- All above units available base mounted without receiver



Duplex Rotary Screw Compressors

CAS Duplex rotary screw compressors are the ultimate in electrical efficiency. With the timed system and SMART contactor you can ensure that you will have the most reliable and efficient machine possible. With German rotary screw components and a product that is built in the USA you are ensured the highest quality product available. The machines still maintain the CASsimple service and operation that you receive with our standard packages.

Standard Options

- Operating Pressures 100-190PSI
- Low tip speed rotors
- Less than 3ppm oil carry over
- Quiet operation
- Spin on separator and oil filter
- Air/Oil Cooler
- Factory filled with fully synthetic fluid
- Analog control
- Automatic tank drain
- Vibration isolation pads
- Heavy Duty Air Filter
- German airend components
- 5-year extended warranty available

Additional Options

- ISoft Started
- Micro-processor
- Variable Speed Drive
- TEFC Motors
- NEMA 4 controls



DUPLEX ROTARY SCREW COMPRESSORS							
Model	HP	CFM @ 150psi	CFM @ 125psi	Tank Size	Voltage	1 Or 3 Phase	Amps @ 230 Volt
DRS51H120	5	36	38	120	208-230	1	48
DRS53H120	5	36	38	120	208-230/460-480	3	32
DRS71H120	7.5	52	58	120	208-230	1	64
DRS73H120	7.5	52	58	120	208-230/460-480	3	36
DRS101H120	10	76	80	120	208-230	1	90
DRS103H120	10	76	80	120	208-230/460-480	3	56
DRS153H120	15	105	110	120	208-230/460-480	3	84
DRS203H120	20	156	176	120	208-230/460-480	3	108
DRS253H120	25	204	216	120	208-230/460-480	3	126
DRS303H120	30	250	260	120	208-230/460-480	3	144
DRS403H120	40	310	320	120	208-230/460-480	3	184
DRS503H120	50	370	430	240	208-230/460-480	3	250
DRS603H120	60	450	490	240	208-230/460-480	3	288



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