



SCR M Series Belt Drive Rotary Screw Compressor

WESTAIR COMPANY PROFILE

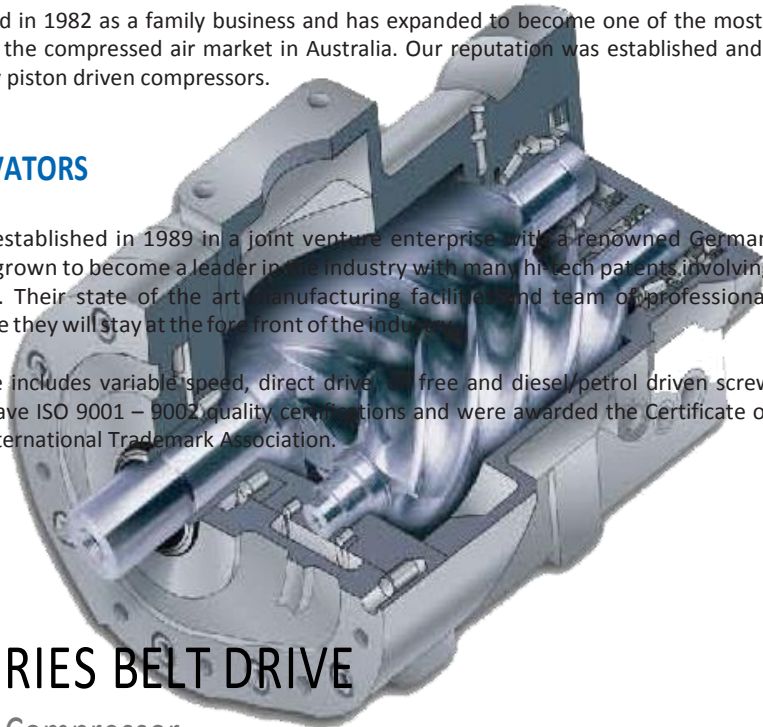
Westair was founded in 1982 as a family business and has expanded to become one of the most reputable brands in the compressed air market in Australia. Our reputation was established and built through quality piston driven compressors.



LEADING INNOVATORS

SCR compressors, established in 1989 in a joint venture enterprise with a renowned German manufacturer, has grown to become a leader in the industry with many hi-tech patents involving compressor design. Their state of the art manufacturing facilities and team of professional engineers guarantee they will stay at the forefront of the industry.

SCR's product range includes variable speed, direct drive, air free and diesel/petrol driven screw compressors. SCR have ISO 9001 – 9002 quality certifications and were awarded the Certificate of Excellence by the International Trademark Association.



SCR M SERIES BELT DRIVE

Rotary Screw Compressor

The SCR M Series is a heavy duty industrial belt drive rotary screw compressor that is designed to work 24 hours a day, 7 days per week if required. The M series has energy saving functions, German engineered technology and long genuine warranties, all at an affordable price.



FEATURES INCLUDE:

- 4-18.5kW units available
- Pressure ranging from 7 – 12.5 bar
- German engineered oversized airends
- Siemens electrical components
- German made Opti Drive Belts
- Energy saving Intelligent Micro Controller
- European solenoid and sensors
- Oversized coolers designed for Australian conditions
- SKF bearings in air end and motor

SCR M SERIES OPTIONS

The SCR M Series is available in:

- Base mount (all units)
- Tank mounted SCR-T (4 kW to 15 kW)
- All in One Unit SCR-TD (5.5 kW to 15 kW)

INTELLIGENT MICROCONTROLLER

The intelligent patented micro plc controller is user friendly. It has signals for pressure, temperature and current, which monitor the running of the compressor. With a secured code, setting up or changing parameters in the system can be achieved easily using the buttons on the display.

THE DISPLAY HAS READINGS FOR:

- Service intervals
- Pressure
- Temperature
- Current
- On load and off load hours
- Reverse anti-rotation
- Date and time
- Fault history
- Plus up to 13 different monitoring alarms



CONTROLLER OPTIONS

- Remote Stop /Start
- Master slave operation
- RS485 Connection
- Connect to the SCR Air Management System where you can control multiple compressors from a central location

SCR M SERIES ALL IN ONE UNIT

The new SCR All in One Unit is a compact design that consists of the compressor, air receiver, refrigeration air dryer, pre & post air filters, stainless steel bypass system and condensate manifold.

Stainless Steel Bypass

The airline installation design includes a stainless steel bypass and condensate manifold system, which saves you money on installation costs.

Pre & Post Filtration

Pre and post filters are fitted with the refrigeration dryer to give an air quality of 0.01 micron which is classed as instrument quality air.

Air Dryer Easy to Remove

The refrigeration air dryer is NOT integrated with the compressor and is fitted with a bypass. If any issues arise with the dryer, it can be easily removed without interrupting your air supply.

Compact Footprint

Small compact footprint maximises the usage of your valuable floor space.

Waste Condensate

Waste condensate is neatly piped into to a manifold which comes out of one exit point to be fitted to either an oil water separator or waste oil container.



MODEL	KW	HP	M3/MIN	CFM	BAR	AIR OUTLET SIZE	TANK (L)	DIMENSIONS (mm)	WEIGHT (KG)	Noise Level *dBa
SCR10M-TD-8	7.5	10	1.00	35	8	1/2"	320	1600 x 800 x 1618	470	68
SCR15M-TD-8	11	15	1.60	57	8	3/4"	500	1940 x 1050 x 1826	570	66
SCR20M-TD-8	15	20	2.30	81	8					70

*Other models available on request

TECHNICAL SPECIFICATIONS

MODEL	KW	HP	M3/MIN	CFM	BAR	AIR OUTLET SIZE	TANK (L)	DIMENSIONS (mm)	WEIGHT (KG)	Noise Level *dBa
SCR5.5M-8	4	5.5	0.55	19	8	1/2"	-	935 x 629 x 721	200	66
SCR5.5M-8-T	4	5.5	0.55	19	8	1/2"	180 L	1120 x 680 x 1708	350	66
SCR5.5M-10	4	5.5	0.43	15	10	1/2"	-	935 x 629 x 721	200	66
SCR5.5M-10-T	4	5.5	0.43	15	10	1/2"	180 L	1120 x 680 x 1708	350	66
SCR7.5M-8	5.5	7.5	0.80	28	8	1/2"	-	900 x 680 x 970	250	66
SCR7.5M-8-T	5.5	7.5	0.80	28	8	1/2"	180 L	1120 x 680 x 970	390	66
SCR7.5M-10	5.5	7.5	0.70	25	10	1/2"	-	900 x 680 x 970	250	66
SCR7.5M-10-T	5.5	7.5	0.70	25	10	1/2"	180 L	1120 x 680 x 970	390	66
SCR10M-8	7.5	10	1.00	35	8	1/2"	-	900 x 680 x 970	250	68
SCR10M-8-T	7.5	10	1.00	35	8	1/2"	180 L	1120 x 680 x 1708	420	68
SCR10M-10	7.5	10	0.95	33	10	1/2"	-	900 x 680 x 970	250	68
SCR10M-10-T	7.5	10	0.95	33	10	1/2"	180 L	1120 x 680 x 1708	420	68
SCR15M-8	11	15	1.60	57	8	3/4"	-	800 x 950 x 1130	380	66
SCR15M-8-T	11	15	1.60	57	8	1"	366 L	1328 x 980 x 1874	440	66
SCR15M-10	11	15	1.40	49	10	3/4"	-	800 x 950 x 1130	380	66
SCR15M-10-T	11	15	1.40	49	10	1"	366 L	1328 x 980 x 1874	440	66
SCR20M-8	15	20	2.30	81	8	3/4"	-	800 x 950 x 1130	420	70
SCR20M-8-T	15	20	2.30	81	8	1"	366 L	1328 x 980 x 1874	440	70
SCR20M-10	15	20	2.0	71	10	3/4"	-	800 x 950 x 1130	420	70
SCR20M-10-T	15	20	2.0	71	10	1"	366 L	1328 x 980 x 1874	440	70
SCR25M-8	18.5	25	2.90	102	8	1"	-	900 x 1150 x 1350	560	70
SCR25M-10	18.5	25	2.90	85	10	1"	-	900 x 1150 x 1350	560	70

KEY

KW	HP	M3/MIN	CFM	BAR	DN	*DBA
Kilowatt	Horse power	Cubic meter per minute	Cubic feet per minute	Pressure system	Diameter nominal	At 1 metre