

**QUALITY
WITHOUT
COST**



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A wide range of high quality belt driven compressors are available:

- ✓ Belt drive for low cost
- ✓ Small foot print
- ✓ Optional integrated air treatment
- ✓ 5 year warranty available
- ✓ EUTÜV approval



SCR Model Code	Output m ³ /min @ 7.0 barG	Output m ³ /min @ 8.0 barG	Output m ³ /min @ 10.0 barG	Output m ³ /min @ 12.5 barG	Motor (kW)	Dimensions (mm) LxWxH	Weight (kg)	Pipe Size
SCR75M	0.85	0.8	0.7	0.6	5.5	680x900x970	250	BSP 0.5
SCR10M	1.1	1	0.95	0.85	7.5	680x900x970	250	BSP 0.5
SCR15M	1.6	1.5	1.3	1.1	11	800x950x970	380	BSP 0.75
SCR20M	2.3	2.2	1.9	1.7	15	800x950x970	420	BSP 0.75
SCR25M	3.2	2.9	2.4	2.1	18.5	900x1150x1350	560	BSP 1
SCR30M	3.8	3.5	3.2	2.9	22	900x1150x1350	580	BSP 1
SCR40M	5.1	4.8	4.1	3.7	30	900x1150x1350	640	BSP 1
SCR50M	6.4	6.1	5.7	5.1	37	1000x1300x1470	800	BSP 1.5
SCR60M	7.7	7.5	6.8	6	45	1000x1300x1470	920	BSP 1.5
SCR75M	10.4	9.4	8.4	7.8	55	1800x1450x1570	1540	BSP 2
SCR100M	13.8	12.9	11.9	9.6	75	1800x1450x1570	1650	BSP 2

Flows are tested to ISO 1217 (Annex C) at max speed
 Pressures up to 13.0 barG available
 Motors are 400V ±10%
 M = compressor only C = integrated dryer (& optional receiver)

Sound levels below ~70 dBA
 All units are air cooled
 Specifications are subject to change without prior notice



SCR BELT DRIVE SCREW AIR COMPRESSORS

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SCR AIR LTD



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SIEMENS

ENCLOSURE - SCR compressors are designed to be maintenance friendly, all components are easily accessible via large rugged, removable and locking panels. Components are mounted on a substantial base that can be moved by a fork lift truck. This enclosure is also designed to reduce noise levels.

FOOTPRINT - The M range of compressors are specifically designed to have a small footprint ensuring they take up minimal factory floor space.

COOLING - SCR oversize the air and oil coolers by 30% compared to competitors compressors. This gives greater reliability and efficiency in arduous environments.

PIPE WORK - SCR use seamless steel pipes with high quality compression fittings, rubber hoses are not used. This eliminates oil leaks from ageing and vibration.

OIL SYSTEM - 15% larger pipe work results in a 30% reduction in pressure drop through the oil circuits. Synthetic oil can also be specified for further cost savings.

AIRENDS - Ally-Win is a joint venture established in Germany producing one of the highest quality airends available. They are fitted with patented German rotors, SKF bearings and EU made Teflon oil seals. Triple lip seals combined with double inner seals protect the rotors. Oversized airends are specified for greater durability and efficiency. Many competitors use high speed air ends to reduce manufacturing cost at the detriment of energy and reliability. These high quality components ensure high efficiency, durability and low noise levels. Efficiency improvements of 5-10% are delivered.

CONTROL & ELECTRICS - The patented and user friendly European controller has 12 alarms and comprehensive safety trips/ protection. It's easily configured for energy efficient operation. Siemens control gear is used throughout to ensure long term reliability. Solenoids and sensors from ODE & Huba are also used for improved accuracy.

AIR INTAKE - The intake air control valve is a low pressure drop design giving optimum performance and reliability. It is electronic rather than pneumatic, resulting in less wearing parts and no issues with air leaks. These have been tested to over 2 million cycles.



TRANSMISSION - The SCR belt driven compressors use German OPT belts for efficiency above 98%. Belt life is 5-10 times better than general pure belts. The pulley system is an American product supplied by Martin Inc. These allow for a cost effective purchase without compromising energy efficient or reliability.

MOTORS - Premium efficiency motors to the latest MEPS directive are used for reduced energy consumption.

