

# SCHULZ

SCT 5000 Flex  
Air Compressors



*The best cost-effective  
solution for industries  
prioritizing energy efficiency*

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**SCHULZ**

# SCT 5000 FLEX

*Air Compressors*

The SCT 5000 Flex rotary-screw compressors are highly energy efficient, making them suitable for 24/7 operations. They offer higher performance, cost reduction, and excellent return on the investment.

Available in models from 10 to 50 hp, these compressors have an open permanent magnet motor — which facilitates maintenance — air-cooled with IP23 protection rating.

The SCT 5000 Flex rotary-screw compressors feature a variable-speed frequency inverter that controls the motor's speed and torque according to the factory's air demand. This enables reducing energy consumption and pressure fluctuations in the system.



**Greater performance  
and cost reduction.**



**Compressors suitable  
for 24/7 operation**



**SCT 5010 FLEX**



**SCT 5020 FLEX  
SCT 5030 FLEX  
SCT 5050 FLEX**

**Models from  
10 to 50 HP**



Recommendation: The SCT 5000 Flex rotary-screw compressors should be installed indoors, away from weather conditions — preferably in a machine room.

**12-MONTH WARRANTY**

**KEY APPLICATIONS:**

- Automotive industry
- Metalworking industry
- Maquiladora industry
- Furniture industry
- Industrial locksmithing
- Graphic industry
- Mechanical workshops



**IP23 PERMANENT MAGNET MOTOR**

Zero transmission loss — motor up to 8% more efficient compared to an induction motor with the same capacity



**SMART CONTROL PANEL WITH MAINTENANCE ALERTS**

Easy operation enhances safety and extends the compressor's lifespan



**PERMANENT MAGNET MOTOR**

With fewer components and high quality, it requires no preventive maintenance and offers great durability (it does not demagnetize)



**VARIABLE-SPEED FREQUENCY INVERTER**

High stability, reliability, and significant reduction in energy consumption



**COMPACT AND WITH FEWER COMPONENTS**

The compressors are affordable, simple, and easy to maintain



**HIGH-PRECISION OIL FILTER**

The high-efficiency filtration system ensures quality compressed air



**STAINLESS STEEL TUBING**

Greater durability and lifespan

MODEL	MOTOR POWER				DISPLACEMENT POWER cfm	OPERATING PRESSURE bar	COMPRESSOR UNIT Stages	TANK OUTLET TUBE Ø pol	COMPRESSOR WEIGHT kg	DIMENSIONS (L x W x H) mm
	kW	HP	Hz	V						
SCT 5010 Flex	7,5	10	50 60	220	35	8	1	G3/4"	160	746 x 540 x 841
SCT 5020 Flex	15	20	50 60	220	76	8	1	G3/4"	212	920 x 640 x 1007
SCT 5030 Flex	22	30	50 60	220	113	8	1	G1 1/4"	316	980 x 780 x 1161
SCT 5050 Flex	37	50	50 60	220	212	8	1	G1 1/4"	462	1100 x 850 x 1273

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