

# SCHULZ

SCT 5000 Flex HE  
Air Compressors



*The most efficient  
in the category*

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**SCHULZ**

# SCT 5000 FLEX HE

## Air Compressors

The SCT 5000 Flex HE rotary-screw compressors are highly energy efficient, making them suitable for 24/7 operations. They offer higher performance, reduce energy consumption, and significantly lower costs.

Available in models from 3 to 100 hp and with 1 to 3 stages, these compressors feature a closed permanent magnet motor, oil-cooled, with IE-4 class efficiency (highest efficiency rating), and IP54 protection rating.

In other words, with protection against dust and water sprays, the SCT 5000 Flex HE rotary-screw compressors are excellent for environments exposed to dust clouds and moisture.

The product line also features a variable-speed frequency inverter that controls the motor's speed and torque according to the factory's air demand. This enables reducing pressure fluctuations in the system.

**Higher performance,  
lower energy consumption,  
and cost reduction.**



**Compressors suitable  
for 24/7 operation**

**Models from 3 to 100 hp  
From 1 to 3 stages**



SCT **5003** FLEX HE  
SCT **5006** FLEX HE  
SCT **5008** FLEX HE



SCT **5010** FLEX HE



SCT **5030** FLEX HE  
SCT **5050** FLEX HE



SCT **5100** FLEX HE



## 12-MONTH WARRANTY

### KEY APPLICATIONS:

- Automotive industry
- Metalworking industry
- Textile industry
- Plastics industry
- Beverage industry
- Agro-industry



### IE4 EFFICIENCY MOTOR: THE HIGHEST CLASS OF ENERGY EFFICIENCY

Zero transmission loss — motor up to 10% 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



### HIGH-PRECISION OIL FILTER

The high-efficiency filtration system ensures quality compressed air



### LOWER NOISE LEVEL (68 TO 74 DBA)

Greater acoustic comfort in work environments

MODEL	MOTOR POWER				DISPLACEMENT POWER cfm	OPERATING PRESSURE bar	COMPRESSOR UNIT Stages	TANK liter	TANK OUTLET TUBE Ø pol	COMPRESSOR WEIGHT kg	DIMENSIONS (L x W x H) mm
	kW	HP	Hz	V							
SCT 5003 Flex HE	2,2	3	60	220	8	10	1	160	G3/4"	201,5	1095 x 540 x 1377
SCT 5006 Flex HE	4	5,5	60	220	16	10	1	160	G3/4"	201,5	1095 x 540 x 1377
SCT 5008 Flex HE	5,5	7,5	60	220	20	10	1	160	G3/4"	201,5	1095 x 540 x 1377
SCT 5010 Flex HE	7,5	10	60	220	32	10	1	260	G3/4"	296	1095 x 540 x 1377
SCT 5030 Flex HE	22	30	60	220	141	8	2	-	G1 1/4"	600	1100 x 900 x 1400
SCT 5050 Flex HE	37	50	60	220	250	8	2	-	G1 1/4"	650	1150 x 950 x 1400
SCT 5100 Flex HE	74	100	60	220	526	8	3	-	G2	2500	2670 x 1880 x 1820

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