



INSPIRE INFINITE POWER

SCR AIR COMPRESSOR RANGE



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PASSION / PERFECTION / INNOVATION
INTEGRITY / HEALTH / WIN-WIN

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SHANGHAI SCREW COMPRESSOR CO., LTD.

SCREW AIR COMPRESSOR

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ABOUT SCR



■ CHINA HEADQUARTER

SHANGHAI SCREW COMPRESSOR CO.,LTD is a high tech Japanese joint venture with independent intellectual property, founded in 2000. SCR together with Anest Iwata focus on air compressor research and development, covering all aspects from manufacturing through to sales, service and technical support. SCR supply a complete range of products such as high efficiency permanent magnet variable speed air compressors, oil free screw compressors, oil free scroll compressors, bearing free and magnetic centrifugal blowers. The global sales and service network provide our customers with high-quality, energy efficient and environmentally friendly compressed air solutions.

SCR's statement of "Inspire Infinite Power" signifies the close relationship with their global partners, and suppliers. SCR is committed to building an industrial world with continuous improvement for both its customers, the environment and its employees.



■ JAPAN YOKOHAMA HEADQUARTERS

 **100000m²**
Square meters factory

 **83**
Country exported

 **50000**
Global customers

 **91**
National patents

 **35**
Professional certifications

 **500**
Global sales and service agents

 **8%**
Annual sales re-invested into R&D

 **10**
Industry standards

 **140000**
Production volume from 2000



■ JAPAN FUKUSHIMA FACTORY



I CERTIFICATIONS



CE Certificate



UL Certificate



ISO:9001-2015 Certificate



CLASS 0 Certificate



CE EMC Certificate



CE Certificate



CE MD Certificate



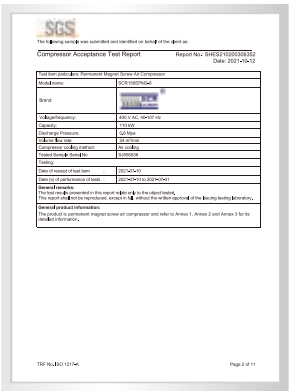
CLASS 0 Certificate



CE EMC Certificate



SGS Performance Certificate



SGS Performance Certificate



CU-TR Certificate



PM2 SERIES

MOTOR POWER
7.5-15 KW

PRESSURE
7/8/10 BAR

> High performance airend

High efficiency airend profile,optimized design for PM motor application.
Designed life-span for airend is more than 100,000.00hours.



> IE4 efficiency permanent magnet motor

IP65 protection grade, F Insulation, more suitable for dusty condition.
IE4 efficiency help save more energy.
The motor winding is 100% sealed by epoxy resin, zero risk for the short circuit, more reliable quality.
Free bearing design, no need to maintenance for the PM motor.



> Taper connection with airend&motor

1:1 direction connection, better transmission efficiency.
Taper connection between airend and PM motor, more easy for after service.
Low airend RPM, less noise level, designed for on-site operation.



> Innovative flux vector inverter

CE certificate, more safety.
Automatic airend speed adjust to match your air demand, help good energy saving.
Customs inverter for compressor, more suitable for compressor heavy duty application.



> Integrated tank

Integrated tank with labyrinth structure, help reduce oil content, the oil content is less than 3 PPM.
Save the space structure, make the whole layout more compact and reasonable.
SCR unique patent with CE certification.



Model	KW	HP	Capacity (m³/min)	Pressure (BAR)	Dimension (mm)	Weight (KG)	Size
SCR10PM2-7	7.5	10	0.46 - 1.15	7	1236*550*1040	280	RC 1/2
SCR10PM2-8			0.41 - 1.1	8			
SCR10PM2-10			0.57 - 0.95	10			
SCR15PM2-7	11	15	0.72 - 1.75	7	1245*605*1135	320	RC 3/4
SCR15PM2-8			0.69 - 1.7	8			
SCR15PM2-10			0.75 - 1.5	10			
SCR20PM2-7	15	20	0.96 - 2.4	7	1245*605*1135	340	RC 3/4
SCR20PM2-8			0.92 - 2.3	8			
SCR20PM2-10			1.0 - 2.0	10			

Note:

The capacity is measured as GB3853 standard.(equivalent to ISO1217 Annex C)
Standard voltage is 380V/50HZ/3P, other voltage is available.
The recommended best capacity range is 60%-100%.
Alpine/high altitude, high temperature, high humidity, high dust loads or other adverse working conditions will require specialized custom designs. These are available on special request.
We reserve the right to make changes and improvements to the design and appearance.
Specifications may change without prior notice.



APM SERIES

MOTOR POWER
7.5-15 KW

PRESSURE
7/8/10/13/15/16 BAR

> High performance airend

High efficiency airend profile,optimized design for PM motor application.
Designed life-span for airend is more than 100,000.00hours.



> IE4 efficiency permanent magnet motor

IP65 protection grade, F insulation, more suitable for dusty condition.
IE4 efficiency help save more energy.
The motor winding is 100% sealed by epoxy resin, zero risk for the short circuit, more reliable quality.
Free bearing design, no need to maintenance for the PM motor.



> Airend and PM motor

1:1 direction connection, better transmission efficiency.
Taper connection between airend and PM motor, more easy for after service.



> Innovative flux vector inverter

CE certificate, more safety.
Automatic airend speed adjust to match your air demand, help good energy saving.
Customs inverter for compressor, more suitable for compressor heavy duty application.



> Refrigerated air dryer

Adopt environmentally friendly refrigerants R134a.
Stainless steel heat exchanger, better heat exchange capability.
Pre-filter is standard, other pipe filter is option.
Wide effective temperature band with ambient temperature range from 2 to 43°C



> Air receiver

Tank mounted design, 300L air receiver for 10HP, 500L air receiver for 15/20HP.



Model	KW	HP	Capacity (m³/min)	Pressure (BAR)	Dimension (mm)	Weight (KG)	Size
SCR10APM-7	7.5	10	0.46-1.15	7	1720*605*1260	420	Rc 1/2
SCR10APM-8			0.41-1.1	8			
SCR10APM-10			0.57-0.95	10			
SCR15APM-7	11	15	0.72-1.75	7	1840*605*1260	450	Rc 3/4
SCR15APM-8			0.69-1.7	8			
SCR15APM-10			0.75-1.5	10			
SCR15APM-13			0.65-1.2	13			
SCR15APM-15			0.56-1	15			
SCR20APM-7	15	20	0.96-2.4	7	1840*605*1260	460	Rc 3/4
SCR20APM-8			0.92-2.3	8			
SCR20APM-10			1.0-2.0	10			
SCR20APM-13			0.62-1.5	13			
SCR20APM-15			0.7-1.3	15			
SCR20APM-16			0.69-1.2	16			

Note:

The capacity is measured as GB3853 standard.(equivalent to ISO1217 Annex C)
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APM SERIES

MOTOR POWER
22-75 KW

PRESSURE
7/8/10/12.5/15/16 BAR

> High performance airend

High efficiency airend profile,optimized design for PM motor application.
Designed life-span for airend is more than 100,000.00hours.



> IE4 efficiency permanent magnet motor

IP65 protection grade, F insulation, more suitable for dusty condition.
IE4 efficiency help save more energy.
The motor winding is 100% sealed by epoxy resin, zero risk for the short circuit, more reliable quality.
Free bearing design, no need to maintenance for the PM motor.



> Innovative flux vector inverter

Dual VSD control to maintain constant pressure and temperature.
CE certificate, more safety.
Automatic airend speed adjust to match your air demand, help good energy saving.
Customs inverter for the compressor, more suitable for compressor heavy duty application.



> IT6000 touch screen PLC

7" inch touch screen display, more easy for operation.
Full feature protection to guarantee the safe operation of compressor.
Support smart operation, like running schedule, auto startup function, support Modbus RTU.



> Taper connection with airend&motor

1:1 direction connection, better transmission efficiency.
Taper connection between airend and PM motor, more easy for after service.



Model	KW	HP	Capacity (m³/min)	Pressure (BAR)	Dimension (mm)	Weight (KG)	Size
SCR30APM-7	22	30	0.9-3.45	7	1200*800*1100	350	Rc1
SCR30APM-8			0.85-3.4	8			
SCR30APM-10			0.7-3	10			
SCR30APM-12.5			0.65-2.7	12.5			
SCR30APM-15			0.9-1.9	15			
SCR30APM-16			0.85-1.8	16			
SCR40APM-7	30	40	1.15-4.7	7	1200*800*1100	390	Rc1
SCR40APM-8			1.1-4.6	8			
SCR40APM-10			1.0-4.2	10			
SCR50APM-7	37	50	1.5-6.2	7	1300*900*1270	520	R1 1/2
SCR50APM-8			1.5-6.1	8			
SCR50APM-10			1.3-5.6	10			
SCR50APM-12.5			1.0-4.5	12.5			
SCR60APM-7	45	60	1.85-7.4	7	1300*950*1370	620	R1 1/2
SCR60APM-8			1.85-7.3	8			
SCR60APM-10			1.65-6.8	10			
SCR60APM-12.5			1.6-6	12.5			
SCR75APM-7	55	75	2.4-10.2	7	1800*1200*1550	1000	Rc 2
SCR75APM-8			2.3-10.1	8			
SCR75APM-10			2.1-8.5	10			
SCR75APM-12.5			1.8-7.5	12.5			
SCR100APM-7	75	100	3-12.2	7	1800*1200*1550	1100	Rc 2
SCR100APM-8			2.9-12	8			
SCR100APM-10			2.6-11	10			
SCR100APM-12.5			2.3-10.1	12.5			

Note:

The capacity is measured as GB3853 standard.(equivalent to ISO1217 Annex C)
Standard voltage is 380V/50HZ/3P, other voltage is available.
The recommended best capacity range is 60%-100%.
Alpine/high altitude, high temperature, high humidity, high dust loads or other adverse working conditions will require specialized custom designs. These are available on special request.
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PM SERIES

MOTOR POWER
22-75 KW

PRESSURE
7/8/10 BAR

> High performance airend

High efficiency airend profile,optimized design for PM motor application.
Designed life-span for airend is more than 100,000.00hours.



> IE4 efficiency permanent magnet motor

IP65 protection grade, F insulation, more suitable for dusty condition.
IE4 efficiency help save more energy.
The motor winding is 100% sealed by epoxy resin, zero risk for the short circuit, more reliable quality.
Free bearing design, no need to maintenance for the PM motor.



> Innovative flux vector inverter

CE/UL/CUL certification can be matched different countries request.
Wide voltage design can be matched to different working voltage conditions.
Meets with C3 and C3 EMC Requirements to ensure more safety.
Independent cooling air design help the inverter always in good working condition.



> Touch screen PLC

7" inch touch screen display.
Full feature protection,like high/low voltage,high/low current,etc.
Intelligent control,like running schedule,different pressure band, support Modbus RTU.
Remote monitoring is option.



> Taper connection with airend&motor

1:1 direction connection, better transmission efficiency.
Taper connection between airend and PM motor, more easy for after service.
Low airend RPM, less noise level, designed for on-site operation.



Model	KW	HP	Capacity (m³/min)	Pressure (BAR)	Dimension (mm)	Weight (KG)	Size
SCR30PM-7	22	30	1.06 -3.7	7	1200*800*1100	450	R1
SCR30PM-8			1.04 -3.6	8			
SCR30PM-10			0.8 -3.2	10			
SCR40PM-7	30	40	1.3 -5.2	7	1200*800*1100	480	R1
SCR40PM-8			1.25 -5.0	8			
SCR40PM-10			1.1 -4.2	10			
SCR50PM-7	37	50	1.6 -6.4	7	1300*900*1270	610	R1 1/2
SCR50PM-8			1.6 -6.3	8			
SCR50PM-10			1.4 -5.6	10			
SCR60PM-7	45	60	1.83 -7.3	7	1300*950*1370	650	R1 1/2
SCR60PM-8			1.8 -7.2	8			
SCR60PM-10			1.8 -7.1	10			
SCR75PM-7	55	75	2.7 -10.2	7	1800*1200*1550	1230	Rc 2
SCR75PM-8			2.5 -10.1	8			
SCR75PM-10			2.1 -8.4	10			
SCR100PM-7	75	100	3.5 -13.3	7	1800*1200*1550	1280	Rc 2
SCR100PM-8			3.2 -12.9	8			
SCR100PM-10			2.9 -11.8	10			

Note:

The capacity is measured as GB3853 standard.(equivalent to ISO1217 Annex C)
Standard voltage is 380V/50HZ/3P, other voltage is available.
The recommended best capacity range is 60%-100%.
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EPM/EPM2 SERIES

MOTOR POWER
15-160 KW

PRESSURE
7/8/10 BAR

➤ High performance airend

High efficiency airend profile,optimized design for PM motor application.
Max airend RPM is 1500-2200RPM, optimized performance to reach best performance
Designed life-span for airend is more than 100,000.00hours.



➤ IE4 efficiency permanent magnet motor

IP65 protection grade, F insulation, more suitable for dusty condition.
IE4 efficiency help save more energy.
The motor winding is 100% sealed by epoxy resin, zero risk for the short circuit, more reliable quality.
Free bearing design, no need to maintenance for the PM motor.



➤ Innovative flux vector inverter

CE/UL/CUL certification can be matched different countries request.
Wide voltage design can be matched to different working voltage conditions.
Meets with C3 and C3 EMC Requirements to ensure more safety.
Independent cooling air design help the inverter always in good working condition.



➤ Taper connection with airend&motor

1:1 direction connection, better transmission efficiency.
Taper connection between airend and PM motor, more easy for after service.
Low airend RPM, less noise level, designed for on-site operation.



Model	KW	HP	Capacity (m³/min)	Pressure (BAR)	Dimension (mm)	Weight (KG)	Size
SCR20EPM-7	15	20	0.75-3.0	7	1200*800*1100	480	R1
SCR20EPM-8			0.73-2.9	8			
SCR20EPM-10			0.58-2.3	10			
SCR25EPM-7	18.5	25	1.3-3.7	7	1200*800*1100	480	R1
SCR25EPM-8			1.1-3.5	8			
SCR25EPM-10			1.0-2.9	10			
SCR30EPM-7	22	30	1.1-4.1	7	1200*800*1100	560	R1
SCR30EPM-8			1.2-4	8			
SCR30EPM-10			1.1-3.5	10			
SCR40EPM-7	30	40	1.7-6.2	7	1300*1000*1370	830	R1 1/2
SCR40EPM-8			1.6-6.1	8			
SCR40EPM-10			1.3-5.2	10			
SCR50EPM-7	37	50	1.65-7.4	7	1530*1100*1370	850	R1 1/2
SCR50EPM-8			1.6-7.35	8			
SCR50EPM-10			2.3-6.5	10			
SCR60EPM-7	45	60	2.5-9.5	7	1530*1100*1370	890	R1 1/2
SCR60EPM-8			2.4-9.4	8			
SCR60EPM-10			3.0-8.0	10			
SCR75EPM2-7	55	75	3.5-12.5	7	1900*1350*1650	1550	DN50
SCR75EPM2-8			3-11.5	8			
SCR75EPM2-10			2.6-10.5	10			
SCR90EPM2-7	63	90	4-14	7	1900*1350*1650	1650	DN50
SCR90EPM2-8			3.6-13	8			
SCR90EPM2-10			3.2-12	10			
SCR100EPM2-7	75	100	3.8-16.3	7	2280*1500*1950	2010	DN65
SCR100EPM2-8			3.6-16	8			
SCR100EPM2-10			2.9-13.7	10			
SCR125EPM2-7	90	125	5.1-20	7	2280*1500*1950	2050	DN65
SCR125EPM2-8			5-19	8			
SCR125EPM2-10			4-16.5	10			
SCR150EPM2-7	110	150	7.4-24.5	7	2800*1750*1690	2900	DN80
SCR150EPM2-8			7.2-24	8			
SCR150EPM2-10			6.3-21	10			
SCR180EPM2-7	132	180	8.3-30	7	2700*1650*2150	3050	DN80
SCR180EPM2-8			7.5-28	8			
SCR180EPM2-10			6.5-23	10			
SCR220EPM2-7	160	220	9.3-33.5	7	2700*1650*2150	3150	DN80
SCR220EPM2-8			8.8-31	8			
SCR220EPM2-10			7.6-27	10			

Note:

The capacity is measured as GB3853 standard.(equivalent to ISO1217 Annex C)
Standard voltage is 380V/50HZ/3P, other voltage is available.
The recommended best capacity range is 60%-100%.
Alpine/high altitude, high temperature, high humidity, high dust loads or other adverse working conditions will require specialized custom designs. These are available on special request.
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Specifications may change without prior notice.



LH/LHPM SERIES
H/HV SERIES

MOTOR POWER
90-315 KW 55-250 KW

PRESSURE
7/8/10/12.5 BAR 4.5/5.5 BAR

> Two stages aierend

The rotors are meshed and sealed with an oil film belt to reduce wear
Reduced the compression ratio of each compression
Reduced energy consumption
Low differential pressures
Improved volumetric efficiency
Low thermal load



> TEFC motor

IP54/IP55 protection grade.
F level insulation.
B level temperature rise.
SKF bearing.



Model	KW	Capacity (m³/min)	Pressure (BAR)	Dimension (mm)	Weight (KG)	Size
SCR530LHPM	55	4.5-15	4.5/5.5	2400*1650*1700	2700	DN80
SCR830LHPM	90	7.1-23.7	4.5/5.5	2900*1850*1950	3570	DN100
SCR950LHPM	110	8.4-28.2	4.5/5.5	2900*1850*1950	3650	DN100
SCR1200LHPM	132	10.2-34.2	4.5/5.5	3000*2050*2100	4300	DN125
SCR1300LHPM	160	12.4-41.6	4.5/5.5	3000*2050*2100	4500	DN125
SCR1500LHPM	185	14.0-46.9	4.5/5.5	3300*2200*2250	5500	DN150
SCR1900LHPM	200	15.0-50.0	4.5/5.5	3300*2200*2250	5800	DN150
SCR2200LHPM	250	18.6-62.0	4.5/5.5	3580*2200*2300	6500	DN200

Model	KW	HP	Capacity (m³/min)	Pressure (BAR)	Dimension (mm)	Weight (KG)	Size
SCR180H-7	132	180	28.5	7	3400*2100*2000	4700	DN80
SCR180H-8			28	8			
SCR180H-10			22.5	10			
SCR180H-12.5			18.5	12.5			
SCR220H-7	160	220	33	7	3400*2100*2000	4900	DN80
SCR220H-8			32.8	8			
SCR220H-10			27.5	10			
SCR220H-12.5			23	12.5			
SCR250H-7	185	250	39	7	3400*2200*2100	5800	DN100
SCR250H-8			38.5	8			
SCR250H-10			34	10			
SCR250H-12.5			29	12.5			
SCR270H-7	200	270	43	7	3400*2200*2100	6000	DN100
SCR270H-8			42	8			
SCR270H-10			39	10			
SCR270H-12.5			33	12.5			
SCR300H-7	220	300	45.8	7	3400*2200*2100	6600	DN100
SCR300H-8			45.5	8			
SCR300H-10			42	10			
SCR300H-12.5			37.5	12.5			
SCR340H-7	250	340	51.5	7	4000*2200*2300	7000	DN125
SCR340H-8			51	8			
SCR340H-10			46	10			
SCR340H-12.5			40.5	12.5			
SCR375H-7	280	375	60	7	4000*2200*2300	7400	DN125
SCR375H-8			56	8			
SCR375H-10			51	10			
SCR375H-12.5			46	12.5			
SCR400H-7	315	400	63.2	7	4000*2200*2300	9500	DN125
SCR400H-8			63.1	8			
SCR400H-10			59.2	10			
SCR400H-12.5			52.5	12.5			

Note:

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Specifications may change without prior notice.



LBPM SERIES

MOTOR POWER
37-185 KW

PRESSURE
1.5/3/4/5 BAR

➤ Low pressure customized airend

Energy saving profile design, special design for low pressure application.
Reduced pressure losses.
Optimized in and outlet portals.
Optimized outlet butterfly port.



➤ Touch screen PLC

7" Inch touch screen display.
Full feature protection, like high/low voltage, high/low current, etc.
Intelligent control, like running schedule, different pressure band, support Modbus RTU.
Remote monitoring is option.



➤ Innovative flux vector inverter(option for LBPM)

CE/UL/CUL Certification can be matched different countries request.
Wide voltage design can be matched to different working voltage conditions.
Meets with C3 and C3 EMC requirements to ensure more safety.
Independent cooling air design help the inverter always in good working condition.



➤ Oversize oil/air tank

Oversize oil tank specially design for low pressure application to make sure the oil content less than 3ppm.
Tank cover supporter, make oil separator maintenance become simple.



Model	Power (KW)	Capacity (m³/min)	Pressure (Bar)	Dimension (mm)	Weight (kg)	Outlet Size
SCR420LB	37	12	1.5-3	2400*1760*1700	2400	DN80
	55		4			
			5			
SCR530LB	45	15	1.5-3	2400*1760*1700	2600	DN80
	55		4			
	55		5			
SCR830LB	63	21.5	1.5-3	2900*1860*1900	2900	DN100
	75		4			
	90		5			
SCR950LB	90	28.8	1.5-3	2900*1860*1900	3100	DN100
	110		4			
	110		5			
SCR1500LB	132	47.4	1.5-3	3300*2200*2100	5300	DN150
	160		4			
	185		5			
SCR420LBPM	37	3.6-12.0	1.5-3	2400*1760*1700	2500	DN80
	45		4			
	55		5			
SCR530LBPM	45	4.5-15.0	3	2400*1760*1700	2700	DN80
	55		4			
	55		5			
SCR830LBPM	63	6.45-21.5	3	2900*1860*1900	3100	DN100
	75		4			
	90		5			
SCR950LBPM	90	8.6-28.8	1.5-3	2900*1860*1900	3300	DN100
	110		4			
	110		5			
SCR1300LBPM	110	10.8-36.8	1.5-3	3400*2200*2100	4800	DN150
	132		4			
	160		5			
SCR1500LBPM	132	14.2-47.4	1.5-3	3400*2200*2100	5500	DN150
	160		4			
	185		5			

Note:

The capacity is measured as GB3853 standard.(equivalent to ISO1217 Annex C)
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We reserve the right to make changes and improvements to the design and appearance.
Specifications may change without prior notice.



M SERIES

MOTOR POWER
7.5-75 KW

PRESSURE
7/8/10/12.5 BAR

Multiple-safety protection

Reliable siemens key components.
Adopt the all-round safety protection from pressure,temperature,current,etc.



High efficiency airend

Adopt the latest asymmetric line.
5:6 profile rotor.
Long life span.
Low noise.



High efficiency TEFC motor

IP54/IP55 protection grade.
F level insulation.
B level temperature rise.
SKF bearing.



Germany brand OPTI belt

Reduced maintenance.
Reduced transmission efficiency.



Model	KW	HP	Capacity (m³/min)	Pressure (BAR)	Dimension (mm)	Weight (KG)	Size
SCR7.5M-7	5.5	7.5	0.85	7	900*680*970	250	R1 1/2
SCR7.5M-8			0.8	8			
SCR7.5M-10			0.7	10			
SCR7.5M-12.5			0.6	12.5			
SCR10M-7	7.5	10	1.1	7	900*680*970	250	R1 1/2
SCR10M-8			1	8			
SCR10M-10			0.9	10			
SCR10M-12.5			0.8	12.5			
SCR15M-7	11	15	1.6	7	800*950*1130	380	R 3/4
SCR15M-8			1.5	8			
SCR15M-10			1.4	10			
SCR15M-12.5			1.2	12.5			
SCR20M-7	15	20	2.3	7	800*950*1130	420	R 3/4
SCR20M-8			2.2	8			
SCR20M-10			1.9	10			
SCR20M-12.5			1.7	12.5			
SCR25M-7	18.5	25	3.4	7	900*1150*1350	560	R1
SCR25M-8			3	8			
SCR25M-10			2.7	10			
SCR25M-12.5			2.4	12.5			
SCR30M-7	22	30	3.8	7	900*1150*1350	580	R1
SCR30M-8			3.5	8			
SCR30M-10			3.2	10			
SCR30M-12.5			2.8	12.5			
SCR40M-7	30	40	5.1	7	900*1150*1350	640	R1
SCR40M-8			5	8			
SCR40M-10			4.2	10			
SCR40M-12.5			3.7	12.5			
SCR50M-7	37	50	6.5	7	1000*1300*1470	800	R1 1/2
SCR50M-8			6.2	8			
SCR50M-10			5.7	10			
SCR50M-12.5			5.1	12.5			
SCR60M-7	45	60	7.7	7	1000*1300*1470	920	R1 1/2
SCR60M-8			7.5	8			
SCR60M-10			6.8	10			
SCR60M-12.5			6	12.5			
SCR75M-7	55	75	10.4	7	1600*1350*1700	1540	R 2
SCR75M-8			9.4	8			
SCR75M-10			8.4	10			
SCR75M-12.5			7.8	12.5			
SCR100M-7	75	100	13.3	7	1600*1350*1700	1650	R 2
SCR100M-8			13	8			
SCR100M-10			11.9	10			
SCR100M-12.5			10	12.5			

Note:

The capacity is measured as GB3853 standard.(equivalent to ISO1217 Annex C)
Standard voltage is 380V/50HZ/3P, other voltage is available.
The recommended best capacity range is 60%-100%.
Alpine/high altitude, high temperature, high humidity, high dust loads or other adverse working conditions will require specialized custom designs. These are available on special request.
We reserve the right to make changes and improvements to the design and appearance.
Specifications may change without prior notice.



D SERIES

MOTOR POWER
15-75 KW

PRESSURE
7/8/10/12.5 BAR

Multiple-safety protection

Reliable siemens key components.
Adopt the all-round safety protection from pressure,temperature,current,etc.



High efficiency airend

Adopt the latest asymmetric line.
5:6 profile rotor.
Long life span.
Low noise.



High efficiency TEFC motor

IP54/IP55 protection grade.
F level Insulation.
B level temperature rise.
SKF bearing.



Model	KW	HP	Capacity (m³/min)	Pressure (BAR)	Dimension (mm)	Weight (KG)	Size
SCR10D-7	7.5	10	1.1	7	990*680*928	250	Rc 1/2
SCR10D-8			1	8			
SCR20D-7	15	20	2.4	7	1300*900*1100	530	Rc1
SCR20D-8			2.3	8			
SCR20D-10			1.9	10			
SCR30D-7	22	30	3.7	7	1380*850*1160	580	Rc1
SCR30D-8			3.6	8			
SCR30D-10			3.2	10			
SCR40D-7	30	40	5.2	7	1600*1000*1360	840	Rc1 1/2
SCR40D-8			5	8			
SCR50D-7	37	50	6.2	7	1600*1000*1360	860	Rc1 1/2
SCR50D-8			6.1	8			
SCR50D-10			5.6	10			
SCR60D-7	45	60	7.3	7	1850*1000*1360	950	Rc1 1/2
SCR60D-8			7.2	8			
SCR60D-10			6.8	10			
SCR75D-7	55	75	10.2	7	2150*1350*1500	1720	Rc2
SCR75D-8			9.9	8			
SCR75D-10			8.5	10			
SCR100D-7	75	100	13.3	7	2150*1350*1500	1860	Rc2
SCR100D-8			13	8			
SCR100D-10			11.8	10			

Note:

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II SERIES

MOTOR POWER
90-200 KW

PRESSURE
7/8/10/12.5 BAR

➤ **Multiple-safety protection**

Reliable siemens key components.
Adopt the all-round safety protection from pressure,temperature,current,etc.



➤ **High efficiency airend**

Adopt the latest asymmetric line.
5:6 profile rotor.
Long life span.
Low noise.



➤ **High efficiency TEFC motor**

IP54/IP55 protection grade.
F level insulation.
B level temperature rise.
SKF bearing.



Model	KW	HP	Capacity (m³/min)	Pressure (BAR)	Dimension (mm)	Weight (KG)	Size
SCR125II-7	90	125	16.5	7	2460*1620*1692	2560	DN65
SCR125II-8			16	8			
SCR125II-10			14.5	10			
SCR125II-12.5			12.5	12.5			
SCR150II-7	110	150	20.3	7	2460*1620*1692	2650	DN65
SCR150II-8			20	8			
SCR150II-10			17.5	10			
SCR150II-12.5			15.6	12.5			
SCR180II-7	132	180	24.5	7	2700*1750*1850	3100	DN65
SCR180II-8			24	8			
SCR180II-10			21	10			
SCR180II-12.5			18	12.5			
SCR220II-7	160	220	29	7	2700*1750*1850	3200	DN65
SCR220II-8			28.3	8			
SCR220II-10			24	10			
SCR220II-12.5			21.5	12.5			
SCR250II-7	185	250	32.5	7	2700*1820*1850	3450	DN80
SCR250II-8			31.6	8			
SCR250II-10			28.3	10			
SCR250II-12.5			24.5	12.5			
SCR270II-7	200	270	35.1	7	2700*1820*1850	3640	DN80
SCR270II-8			34.5	8			
SCR270II-10			30.8	10			
SCR270II-12.5			27.8	12.5			

Note:

The capacity is measured as GB3853 standard.(equivalent to ISO1217 Annex C)
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G/GV SERIES

MOTOR POWER
37-280 KW

PRESSURE
7/8/10 BAR

Oil free screw airend

Original German GHH Rand Airend.
Second stage airend take use of stainless steel rotor to avoid the quality risk due to condensate water.
Dual sealing to make sure the oil and air is 100% isolated.
World famous bearing is selected to make sure the reliable quality.
Long Maintenance Intervals.



High efficiency TEFC motor

IP54/IP55 protection grade.
F level insulation.
B level temperature rise.
SKF bearing.



Touch screen PLC

7" inch touch screen display.
Full feature protection,like high/low voltage,high/low current,etc.
Intelligent control,like running schedule,different pressure band, support Modbus RTU.
Remote monitoring is option.



Multiple-safety protection

Reliable siemens key components.
Adopt the all-round safety protection from pressure,temperature,current,etc.



Model	KW	HP	Capacity (m³/min)	Pressure (BAR)	Dimension (mm)	Weight (KG)	Size
SCR50GPM-7	37	50	3.4-5.7	7	2380*1250*1980	2400	DN50
SCR50GPM-8			3.3-5.5	8			
SCR50GPM-10			2.5-4.6	10			
SCR60GPM-7	45	60	4.1-6.8	7	2380*1250*1980	2500	DN50
SCR60GPM-8			3.9-6.6	8			
SCR60GPM-10			3.2-5.4	10			
SCR75G-7	55	75	9.2	7	2380*1120*1880	2750	DN50
SCR75G-8			9	8			
SCR75G-10			7.7	10			
SCR100G-7	75	100	12.2	7	2380*1120*1880	2800	DN50
SCR100G-8			12	8			
SCR100G-10			10.7	10			
SCR125G-7	90	125	16	7	2880*1960*2110	3400	DN65
SCR125G-8			13.6	8			
SCR125G-10			13	10			
SCR150G-7	110	150	19.5	7	2880*1960*2110	3500	DN65
SCR150G-8			18.2	8			
SCR150G-10			16.5	10			
SCR180G-7	132	180	23	7	2880*1960*2110	3800	DN65
SCR180G-8			22.5	8			
SCR180G-10			19.5	10			
SCR220G-7	160	220	25.8	7	2880*1960*2110	4000	DN65
SCR220G-8			25.5	8			
SCR220G-10			22	10			
SCR300WG-7	220	300	37.8	7	3350*2280*2080	5000	DN100
SCR300WG-8			37.5	8			
SCR300WG-10			34	10			
SCR340WG-7	250	340	45	7	3350*2280*2080	5200	DN100
SCR340WG-8			42	8			
SCR340WG-10			38	10			
SCR375WG-7	280	375	47	7	3350*2280*2080	5500	DN100
SCR375WG-8			46.5	8			
SCR375WG-10			41	10			

Note:

The capacity is measured as GB3853 standard.(equivalent to ISO1217 Annex C)
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XA SERIES

MOTOR POWER
3.7-45 KW

PRESSURE
8/10 BAR

➤ **Oil free scroll airend**

Original Japanese Anest Iwata airend.
Simple structure,easy maintenance,low noise and fast air delivery.
No friction between orbiting and fixed scroll of the airend.
No oil requirement or lubrication means true Class 0 operation.
Long maintenance intervals.
Energy efficient operation.
Clean 100% oil free air.
Built-In inter cooling.



➤ **High efficiency TEFC motor**

IP54/IP55 protection grade.
F level insulation.
B level temperature rise.
SKF bearing.



➤ **Touch screen PLC**

7.0 inch full color touch Screen.
Real time operation/maintenance/alarm information.
Multiple languages.
Full graphical and flow diagram.
Modbus RTU protocol.



➤ **Multiple-safety protection**

Reliable siemens key components.
Adopt the all-round safety protection from pressure,temperature,current,etc.

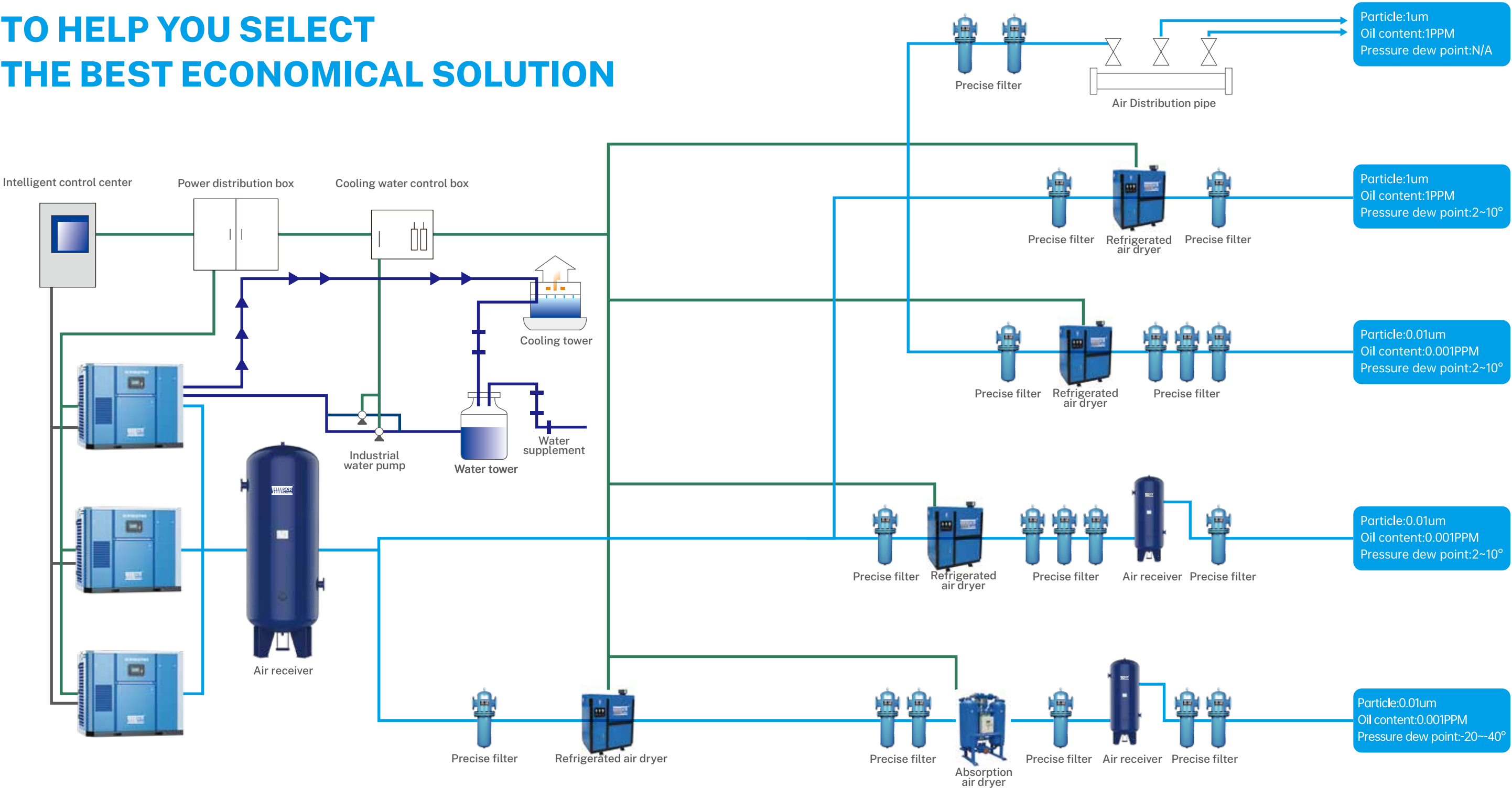


Model	SCR5XA 8/10	SCR10XA 8/10	SCR15XA 8/10	SCR20XA 8/10	SCR30XA 8/10	SCR40XA 8/10
Capacity (M³/MIN)	0.4 / 0.35	0.8 / 0.7	1.2 / 1.0	1.6 / 1.4	2.6 / 2.1	3.5 / 2.8
Power (KW)	3.7	7.5	11	15	22	30
Driven Method	Belt Driven					
Outlet Temp (°C)	Ambeint Temp +15					
Stainless Steel Air Receiver Capacity(L)	50	230	NO	NO	NO	NO
Power Supply (V)	380V					
Dimension (MM)	1100*650*980	1200*650*998	1300*740*1403	1300*740*1808	1400*1300*1410	1400*1300*1808
Weight (KG)	230	280	450	650	900	1300
Outlet Size	Rc 3/4	Rc 3/4	Rc 1	Rc 1	Rc 1	Rc 1

Note:

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