



HawaCom
Empowering Progress with Pure Air Precision



Shenzhen

HawaCom

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COMPONENTS

Assembled with genuine air end and imported spare parts, HawaCom compressors have more stable performance and generate greater air output, which is unrivaled in the same industry in China0.

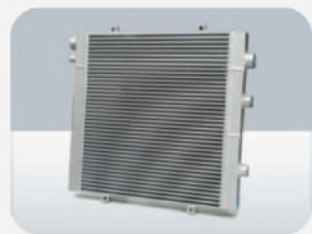


■ Superior Air Inlet and Filter System

Customized air filter with two stage dust removal and filtering system, up to 99.9% efficiency even in heavy-duty environment.

Inlet air filter is designed to suck outside normal temperature air, to make the output temperature significantly decreasing by 3-10°C and greatly extended the service life.

Germany MANN oil filter with excellent oil purification efficiency, to ensure the safety oil system, and enlarge the service life.



■ Energy Efficient Cooling Method

High quality of aluminum fins and copper coil materials with good thermal conductivity to ensure the perfect cooling efficiency.

The cooler is located separately from the internal chassis with higher temperature, so that the cooling fans would suck air with normal temperature from outside, to save over 30% energy and make the output air temperature decrease 3~8°C.

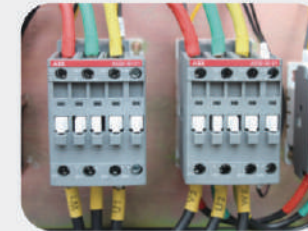


■ Optimum System Design

The technicians optimize the system to largely reduce errors during running, to make the air delivery more sufficient and make the energy consumption advanced in compressed industry.

Reduce pressure drops and save energy. Three step air-oil separation (centrifuge, gravity, filter).

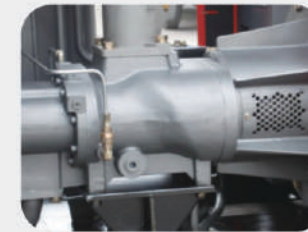
Quality air with low oil content less than 3ppm.



■ Intelligent Control

ABB electrical elements bring you the resulting sense of reliability and convenience during operation.

Reasonable, simple and clear wiring with clear diagram, easy for maintenance.



■ Good Sealing Performance

Good sealing performance has been an objective we pursue immutably. Unique process design and material application free you from the headaches of common faults in air compressors such as oil leakage, air leakage, etc.

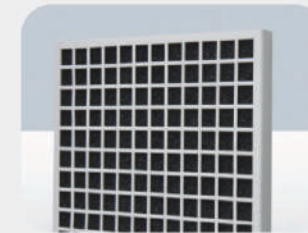


■ PLC

Touch screen with multiple languages for choose.

Full protect functions for motor and compressors.

Remote control with RS485 available. Ingersoll-rand supplier CMC for choose, with advanced ECO card & IOT functions.



■ Dust Screen

Stop most of the dust, oil, moisture, etc, to increase service life of air end, air filter and oil filter.



■ Air Inlet Valve

High-quality air inlet valves with 0-100% stepless adjustment to the air quantity inlet, to reduce the energy consumption.

Integrated check valve to prevent backflow of air and oil in case of unexpected power failure.



■ Genuine Air End

Advanced ELANG air end with larger air delivery and stable running conditions.

Germany AERZEN and GHH for choose.



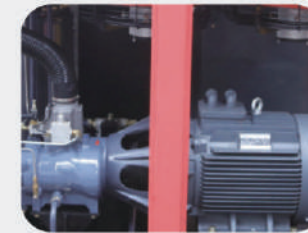
■ Genuine Imported Bearing

Excellent imported bearings are adopted for compressor air end to better improve their use efficiency, reduce abrasion and help to make the engagement more stable and smooth.



■ Solenoid Valve

Original Italy ODE ensure the stable running of compressors.

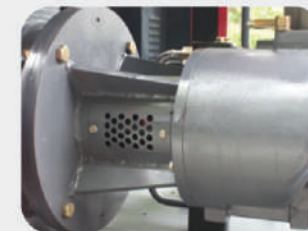


■ High Efficiency Motor

High efficiency totally enclosed fan cooled motor with protection class IP54/IP55 and insulation class F.

Standard ELANG motor, the same motor supplier of Atlas Copco and Ingersoll-rand in China.

ABB / Siemens / WEG motor for choose.



■ Energy Saving 1:1 Direct Driven Design

Original maintenance-free coupling makes the motor drive air end without transmission loss.

SMART FLOW SERIES



Configuration Characteristics:

- ★ precisely-made central bracket is used to keep the motor aligned permanently with the air end.
- A highly resilient coupling is adopted to make the compressor operate smoothly, and the elastomer is longer in useful life.
- The discharge pipe is double-wall corrugated pipe and the oil way uses a special high-pressure hose which is resistant to temperature conditions in some districts, the large-area plate heat For the extremely high temperature conditions in some districts, the large-area
- High Grade Inverter used

SPECIFICATIONS

Motor Efficiency Class: IE5/IE4/IE3/IE2 as per your required
Type of Driving: Direct driven

Motor Protection Class: IP23/IP54/IP55 or as per your required
Type of Cooling: Air Cooling/Water Cooling

Model	Working Pressure		Air Delivery		Motor Power	Dimension(mm)			Weight(kg)	Output pipe Diameter
	psig	bar	cfm	m ³ /min		L	W	H		
SF-25A	100	7	109.5	3.1	18.5/25	1380	850	1150	640	1 1/4"
	116	8	102.4	2.9						
	145	10	95.4	2.7						
	181	13	81.2	2.3						
SF-30A	100	7	134.2	3.8	22/30	1380	850	1150	640	1 1/4"
	116	8	127.1	3.6						
	145	10	113.0	3.2						
	181	13	88.3	2.5						
SF-40A	100	7	187.1	5.3	30/40	1450	990	1220	990	1 1/4"
	116	8	176.6	5.0						
	145	10	151.8	4.3						
	181	13	127.1	3.6						
SF-50A	100	7	223.0	6.6	37/50	1595	1000	1365	1060	1 1/2"
	116	8	218.9	6.2						
	145	10	201.3	5.7						
	181	13	162.4	4.6						
SF-60A	100	7	282.7	8.0	45/60	1595	1000	1450	1150	1 1/2"
	116	8	271.9	7.7						
	145	10	243.6	6.9						
	181	13	211.9	6.0						
SF-75A	100	7	370.8	10.5	55/75	2100	1250	1700	1750	2"
	116	8	346.0	9.8						
	145	10	307.2	8.7						
	181	13	257.8	7.3						

SPECIFICATIONS

Model	Working Pressure		Air Delivery		Motor Power	Dimension(mm)			Weight(kg)	Output Pipe Diameter
	psig	bar	cfm	m ³ /min		L				
SF-100A	100	7	480.2	13.6	75/100	2100	1250	1700	1840	2"
	116	8	459.0	13.0						
	145	10	399.0	11.3						
	181	13	356.6	10.1						
SF-120A	100	7	572.0	16.2	90/120	2100	1250	1700	2030	2"
	116	8	543.8	15.4						
	145	10	466.1	13.2						
	181	13	395.5	11.2						
SF-150A	100	7	734.4	20.8	110/150	2545	1450	1900	2920	DN65
	116	8	688.5	19.5						
	145	10	582.6	16.5						
	181	13	483.7	13.7						
SF-175A	100	7	847.4	24.0	132/175	2545	1450	1900	3200	DN65
	116	8	812.1	23.0						
	145	10	706.2	20.0						
	181	13	547.3	15.5						
SF-200A	100	7	981.6	27.8	160/200	2790	1550	2000	3600	DN65
	116	8	918.1	26.0						
	145	10	829.8	23.5						
	181	13	688.5	19.5						
SF-250A	100	7	1147.6	32.5	185/250	2790	1550	2000	3780	DN80
	116	8	1094.6	31.0						
	145	10	918.1	26.0						
	181	13	762.7	21.6						
SF-270A	100	7	1218.2	34.5	200/270	2850	1700	2000	4400	DN80
	116	8	1165.2	33.0						
	145	10	988.7	28.0						
	181	13	829.8	23.5						
SF-300SA	100	7	1341.8	38.0	220/300	3150	2000	2120	4930	DN100
	116	8	1288.8	36.5						
	145	10	1129.9	32.0						
	181	13	953.4	27.0						
SF-330SA	100	7	1518.3	43.0	250/330	3150	2000	2120	5450	DN100
	116	8	1430.1	40.5						
	145	10	1288.8	36.5						
	181	13	1129.9	32.0						
SF-375A	100	7	1818.5	51.5	280/375	4000	2000	2120	6150	DN125
	116	8	1765.5	50						
	145	10	1589.0	45						
	181	13	1306.5	37						
SF-420A	100	7	1977.4	56	315/420	4600	2300	2400	7500	DN125
	116	8	1942.1	55						
	145	10	1730.2	49						
	181	13	1447.7	41						
SF-470A	100	7	2259.8	64	355/470	4600	2300	2400	8100	DN150
	116	8	2189.2	62						
	145	10	1906.7	54						
	181	13	1624.3	46						
SF-550A	100	7	2577.6	73	400/550	5000	2350	2400	8400	DN150
	116	8	2471.7	70						
	145	10	2153.9	61						
	181	13	1836.1	52						
SF-600A	100	7	2860.1	81	450/600	5500	2590	2800	9000	DN150
	116	8	2789.5	79						
	145	10	2471.7	70						
	181	13	2083.3	59						
SF-670A	100	7	3142.6	89	500/670	5500	2590	2800	9500	DN200
	116	8	3072.0	87						
	145	10	2718.9	77						
	181	13	2365.8	67						
SF-750A	100	7	3601.6	102	560/750	4500	2700	3000	10000	DN200
	116	8	3460.4	98						
	145	10	3072.0	87						
	181	13	2718.9	77						

COMBINED SCREW COMPRESSOR



Combined Screw Air Compressor Series

The combined screw air compressor integrates the parts including screw compressor, air dryer, fine filter and air tank, making it convenient for the user to install, use and move.

After the air pass the integrated system, the quality of air is made largely better to satisfy process requirements of various companies. It has beautiful appearance, stable performance and economic installation. It is one of the important series exported by our company.



Large Integrated Screw Air Compressor

Large Integrated Screw Air Compressor is a kind of compressor integrated with compressor, air tank, refrigerated air dryer (adsorption air dryer) and precision filters, that greatly make convenience for customers to do installation and can be freely moved to anywhere with flexible operation. After placed on level ground, it can put into use after use connecting through power supply and gas pipelines, which save many processes that have to install and connect amounts of pipelines and valves. With reliable performance and easy management, its economic is far better than that of separated unit series. Now many medium and middle mining industries prefer this integrated series.



SPECIFICATIONS

Motor Efficiency Class: IE4/IE3/IE2 as per your required
Type of Driving: Belt driven

Motor Protection Class: IP23/IP54/IP55 or as per your required
Type of Cooling: Air Cooling/Water Cooling

COMPACT MASTER SERIES (Compressor+Tank+Dryer+Filters)

Model	Compressor				Tank	Air dryer		Filter	Dimension(mm)			Weight		
	Working Pressure	Air Delivery	Motor Power	Output Pipe Diameter	Volume Receiver	Model of Dryer	Treatment Capacity	model of Precision Filter						
	psi(g)	bar(g)	cfmm /min			m³		m³/min		L	W	H	Kg	
CM-10TD	100	7	38.8	1.1	7.5/10	3/4"	0.3	ELH-10A	1.2	END012	1650	730	1530	680
	116	8	35.3	1.0										
	145	10	30.0	0.85										
	181	12.5	24.7	0.7										
CM-15TD	100	7	63.6	1.8	11/15	1"	0.5	ELH-15A	2.4	END024	1955	800	1800	785
	116	8	58.3	1.65										
	145	10	53.0	1.5										
	181	12.5	45.9	1.3										
CM-20TD	100	7	84.7	2.4	15/20	1"	0.5	ELH-20A	2.6	END024	1955	800	1800	810
	116	8	77.7	2.2										
	145	10	74.2	2.1										
	181	12.5	63.6	1.8										
CM-25TD	100	7	109.5	3.1	18.5/25	1"	0.5	ELH-30A	3.8	END035	1900	1070	2012	910
	116	8	102.4	2.9										
	145	10	95.4	2.7										
	181	12.5	81.2	2.3										
CM-30TD	100	7	134.2	3.8	22/30	1 1/2"	0.5	ELH-30A	3.8	END035	1960	1070	2012	930
	116	8	127.1	3.6										
	145	10	113	3.2										
	181	12.5	88.3	2.5										

COMPACT MASTER SERIES (Compressor+Tank)

Model	Compressor					Tank	Dimension(mm)			Weight	
	Working Pressure		Air Delivery		Motor Power	Output pipe Diameter					Volume of Receiver
	psig	bar	cfm	m³/min	kw/hp		³	L	W	H	Kg
CM-10T	100	7	38.8	1.1	7.5/10	3/4"	0.3	1650	730	1530	680
	116	8	35.3	1.0							
	145	10	30.0	0.85							
	181	12.5	24.7	0.7							
CM-15T	100	7	63.6	1.8	11/15	1"	0.3	1955	800	1800	785
	116	8	58.3	1.65							
	145	10	53.0	1.5							
	181	12.5	45.9	1.3							
CM-20T	100	7	84.7	2.4	15/20	1"	0.3	1955	800	1800	810
	116	8	77.7	2.2							
	145	10	74.2	2.1							
	181	12.5	63.6	1.8							
CM-25T	100	7	109.5	3.1	18.5/25	1"	0.5	1900	1070	2012	910
	116	8	102.4	2.9							
	145	10	95.4	2.7							
	181	12.5	81.2	2.3							
CM-30T	100	7	134.2	3.8	22/30	1 1/2"	0.5	1960	1070	2012	930
	116	8	127.1	3.6							
	145	10	113	3.2							
	181	12.5	88.3	2.5							

Certification: CE/ISO9001/TUV/UL/SGS/ASME

SPECIFICATIONS

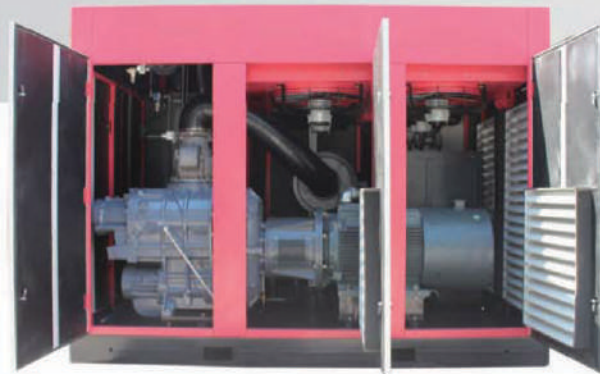
Motor Efficiency Class: IE4/IE3/IE2 as per your required
Type of Driving: Direct driven

Motor Protection Class: IP23/IP54/IP55 or as per your required
Type of Cooling: Air Cooling/Water Cooling

TWIN FORCE SERIES

Same power, **LARGER** air delivery

SAVING electricity costs



Model	Working Pressure		Air Delivery		Motor Power	Dimension(mm)			Weight	Output Pipe Diameter
	psi(g)	bar	cfm	m³/min		L	W	H		
TF-20A-I	73.0	5.0	131.0	3.7	15/20	1480	900	1330	950	G11/4
	88.0	6.0	121.0	3.4						
	100.0	7.0	118.0	3.3						
	116.0	8.0	111.0	3.1						
	145.0	10.0	97.0	2.7						
	181.0	13.0	83.0	2.4						
TF-25A-I	73.0	5.0	163.0	4.6	18.5/25	1480	900	1330	950	G11/4
	88.0	6.0	152.0	4.3						
	100.0	7.0	142.0	4.0						
	116.0	8.0	135.0	3.8						
	145.0	10.0	121.0	3.4						
	181.0	13.0	104.0	2.9						
TF-30A-I	73.0	5.0	194.0	5.5	22/30	1480	900	1330	950	G11/4
	88.0	6.0	183.0	5.2						
	100.0	7.0	166.0	4.7						
	116.0	8.0	159.0	4.5						
	145.0	10.0	142.0	4.0						
	181.0	13.0	121.0	3.4						
TF-40A-I	73.0	5.0	263.0	7.4	30/40	1650	1100	1400	1100	G11/2
	88.0	6.0	242.0	6.9						
	100.0	7.0	228.0	6.5						
	116.0	8.0	218.0	6.2						
	145.0	10.0	194.0	5.5						
	181.0	13.0	163.0	4.6						
TF-50A-I	73.0	5.0	335.0	9.5	37/50	1650	1100	1400	1100	G11/2
	88.0	6.0	318.0	9.0						
	100.0	7.0	297.0	8.4						
	116.0	8.0	283.0	8.0						
	145.0	10.0	253.0	7.2						
	181.0	13.0	213.0	6.0						
TF-60A-I	73.0	5.0	410.0	11.6	45/60	2160	1310	1700	1850	DN65
	88.0	6.0	386.0	10.9						DN50
	100.0	7.0	364.0	10.3						
	116.0	8.0	344.0	9.7						
	145.0	10.0	307.0	8.7						
	181.0	13.0	259.0	7.3						
TF-75A-I	73.0	5.0	501.0	14.2	55/75	2160	1310	1700	1850	DN65
	88.0	6.0	472.0	13.4						DN50
	100.0	7.0	445.0	12.6						
	116.0	8.0	420.0	11.9						
	145.0	10.0	375.0	10.6						
	181.0	13.0	316.0	9.0						

Model	Working Pressure		Air Delivery		Motor Power	Dimension(mm)			Weight	Output Pipe Diameter
	psi(g)	bar	cfm	m³/min		L	W	H		
HC-100SA-I	73.0	5.0	683.0	19.3	75/100	2300	1355	1900	1950	DN80
	88.0	6.0	644.0	18.2						DN65
	100.0	7.0	607.0	17.2						
	116.0	8.0	573.0	16.2						
	145.0	10.0	512.0	14.5						
	181.0	13.0	431.0	12.2						
HC-120SA-I	73.0	5.0	819.0	23.2	90/120	2760	1510	1950	3200	DN80
	88.0	6.0	773.0	21.9						DN65
	100.0	7.0	728.0	20.6						
	116.0	8.0	688.0	19.5						
	145.0	10.0	614.0	17.4						
	181.0	13.0	517.0	14.7						
HC-150SA-I	73.0	5.0	1001.0	28.4	110/150	2760	1510	1950	3200	DN80
	88.0	6.0	944.0	26.7						DN65
	100.0	7.0	890.0	25.2						
	116.0	8.0	841.0	23.8						
	145.0	10.0	751.0	21.3						
	181.0	13.0	632.0	17.9						
HC-175SA-I	73.0	5.0	1201.0	34.0	132/175	3360	1910	2200	4200	DN100
	88.0	6.0	1133.0	32.1						DN80
	100.0	7.0	1068.0	30.2						
	116.0	8.0	1009.0	28.6						
	145.0	10.0	901.0	25.5						
	181.0	13.0	759.0	21.5						
HC-200SA-I	73.0	5.0	1519.0	43.0	160/200	3360	1910	2200	4200	DN100
	88.0	6.0	1433.0	40.6						DN80
	100.0	7.0	1352.0	38.3						
	116.0	8.0	1276.0	36.1						
	145.0	10.0	1136.0	32.2						
	181.0	13.0	954.0	27.0						
HC-250SA-I	73.0	5.0	1757.0	49.8	185/250	3400	2000	2200	4500	DN125
	88.0	6.0	1657.0	46.9						DN100
	100.0	7.0	1564.0	44.3						
	116.0	8.0	1475.0	41.8						
	145.0	10.0	1313.0	37.2						
	181.0	13.0	1102.0	31.2						
HC-270SA-I	73.0	5.0	1899.0	53.8	200/270	3400	2000	2200	4500	DN125
	88.0	6.0	1792.0	50.7						DN100
	100.0	7.0	1690.0	47.9						
	116.0	8.0	1595.0	45.2						
	145.0	10.0	1419.0	40.2						
	181.0	13.0	1192.0	33.8						

Model	Working Pressure		Air Delivery		Motor Power	Dimension(mm)			Weight	Output Pipe Diameter
	psi(g)	bar	cfm	m³/min		L	W	H		
HC-300SA-I	73.0	5.0	2089.0	59.2	220/300	3550	2200	2300	5000	DN125
	88.0	6.0	1971.0	55.8						DN100
	100.0	7.0	1859.0	52.7						
	116.0	8.0	1754.0	49.7						
	145.0	10.0	1561.0	44.2						
	181.0	13.0	1311.0	37.1						
HC-330SA-I	73.0	5.0	2374.0	67.2	250/330	3550	2200	2300	5000	DN125
	88.0	6.0	2240.0	63.4						DN100
	100.0	7.0	2113.0	59.8						
	116.0	8.0	1993.0	56.5						
	145.0	10.0	1774.0	50.2						
	181.0	13.0	1490.0	42.2						
HC-375SA-I	73.0	5.0	2659.0	75.3	280/375	3550	2200	2300	5000	DN150
	88.0	6.0	2508.0	71.0						DN125
	100.0	7.0	2366.0	67.0						
	116.0	8.0	2233.0	63.2						
	145.0	10.0	1987.0	56.3						
	181.0	13.0	1669.0	47.3						
HC-420SA-I	73.0	5.0	2991.0	84.7	310/420	4600	2200	2400	8000	DN150
	88.0	6.0	2822.0	79.9						DN125
	100.0	7.0	2662.0	75.4						
	116.0	8.0	2512.0	71.1						
	145.0	10.0	2236.0	63.3						
	181.0	13.0	1877.0	53.2						
HC-470SA-I	100.0	7.0	3000.0	85.0	355/470	4600	2200	2400	8000	DN150
	116.0	8.0	2831.0	80.2						DN125
	145.0	10.0	2519.0	71.4						
	181.0	13.0	2116.0	59.9						

Certification: CE/ISO9001/TUV/UL/SGS/ASME
Voltage: 110V-660V 50Hz/60Hz 3Ph available.

APPLICATIONS



Textile industry



Cement industry



Glass industry

Model	Working Pressure		Air Delivery		Motor Power	Dimension(mm)			Weight	Output Pipe Diameter
	psi(g)	bar	cfm	m³/min		L	W	H		
TF-100S-I	73.0	5.0	683.0	19.3	75/100	2300	1355	1900	1950	DN80
	88.0	6.0	644.0	18.2						DN65
	100.0	7.0	607.0	17.2						
	116.0	8.0	573.0	16.2						
	145.0	10.0	512.0	14.5						
	181.0	13.0	431.0	12.2						
TF-120A-I	73.0	5.0	819.0	23.2	90/120	2760	1510	1950	3200	DN80
	88.0	6.0	773.0	21.9						DN65
	100.0	7.0	728.0	20.6						
	116.0	8.0	688.0	19.5						
	145.0	10.0	614.0	17.4						
	181.0	13.0	517.0	14.7						
TF-150A-I	73.0	5.0	1001.0	28.4	110/150	2760	1510	1950	3200	DN80
	88.0	6.0	944.0	26.7						DN65
	100.0	7.0	890.0	25.2						
	116.0	8.0	841.0	23.8						
	145.0	10.0	751.0	21.3						
	181.0	13.0	632.0	17.9						
TF-175A-I	73.0	5.0	1201.0	34.0	132/175	3360	1910	2200	4200	DN100
	88.0	6.0	1133.0	32.1						DN80
	100.0	7.0	1068.0	30.2						
	116.0	8.0	1009.0	28.6						
	145.0	10.0	901.0	25.5						
	181.0	13.0	759.0	21.5						
TF-200A-I	73.0	5.0	1519.0	43.0	160/200	3360	1910	2200	4200	DN100
	88.0	6.0	1433.0	40.6						DN80
	100.0	7.0	1352.0	38.3						
	116.0	8.0	1276.0	36.1						
	145.0	10.0	1136.0	32.2						
	181.0	13.0	954.0	27.0						
TF-250A-I	73.0	5.0	1757.0	49.8	185/250	3400	2000	2200	4500	DN125
	88.0	6.0	1657.0	46.9						DN100
	100.0	7.0	1564.0	44.3						
	116.0	8.0	1475.0	41.8						
	145.0	10.0	1313.0	37.2						
	181.0	13.0	1102.0	31.2						
TF-270A-I	73.0	5.0	1899.0	53.8	200/270	3400	2000	2200	4500	DN125
	88.0	6.0	1792.0	50.7						DN100
	100.0	7.0	1690.0	47.9						
	116.0	8.0	1595.0	45.2						
	145.0	10.0	1419.0	40.2						
	181.0	13.0	1192.0	33.8						

Model	Working Pressure		Air Delivery		Motor Power	Dimension(mm)			Weight	Output Pipe Diameter
	psi(g)	bar	cfm	m³/min		L	W	H		
TF-30SA-I	73.0	5.0	2089.0	59.2	220/300	3550	2200	2300	5000	DN125
	88.0	6.0	1971.0	55.8						DN100
	100.0	7.0	1859.0	52.7						
	116.0	8.0	1754.0	49.7						
	145.0	10.0	1561.0	44.2						
	181.0	13.0	1311.0	37.1						
TF-330A-I	73.0	5.0	2374.0	67.2	250/330	3550	2200	2300	5000	DN125
	88.0	6.0	2240.0	63.4						DN100
	100.0	7.0	2113.0	59.8						
	116.0	8.0	1993.0	56.5						
	145.0	10.0	1774.0	50.2						
	181.0	13.0	1490.0	42.2						
TF-375A-I	73.0	5.0	2659.0	75.3	280/375	3550	2200	2300	5000	DN150
	88.0	6.0	2508.0	71.0						DN125
	100.0	7.0	2366.0	67.0						
	116.0	8.0	2233.0	63.2						
	145.0	10.0	1987.0	56.3						
	181.0	13.0	1669.0	47.3						
TF-420A-I	73.0	5.0	2991.0	84.7	310/420	4600	2200	2400	8000	DN150
	88.0	6.0	2822.0	79.9						DN125
	100.0	7.0	2662.0	75.4						
	116.0	8.0	2512.0	71.1						
	145.0	10.0	2236.0	63.3						
	181.0	13.0	1877.0	53.2						
TF-470A-I	100.0	7.0	3000.0	85.0	355/470	4600	2200	2400	8000	DN150
	116.0	8.0	2831.0	80.2						DN125
	145.0	10.0	2519.0	71.4						
	181.0	13.0	2116.0	59.9						

Certification: CE/ISO9001/TUVUL/SGS/ASME
Voltage: 110V~660V 50Hz/60Hz 3Ph available.

APPLICATIONS



Textile industry



Cement industry



Glass industry

COOL CORE SERIES



The front air-cooling pre-cooler and the condenser in the cooling system use the forced ventilation system for cooling, the advantages for air cooling system: easy to install and maintain, little early investment, low operation cost, suitable for the conditions with comfortable environment temperature and good ventilation, especially suitable for the areas free of water or short of water resources. The machine use a high quality fan motor, mostly applied to the low load and movable situations, which are largely influenced by the environment temperature.

Working conditions:

Inlet temperature: $\leq 80^{\circ}\text{C}$

Cooling method: Air cooling

Inlet pressure: 4~13bar

Pressure drop: $\leq 0.3\text{bar}$

Refrigerant: R22/R134a/R407c/R410a

Dew point: 2~10 $^{\circ}\text{C}$

SPECIFICATIONS

Model	Voltage	Cooling	Fan Power	Amount of Treatment Nm ³ /min	Caliber of Air Pipe	Shape Dimension			Weight Kg
	V/Hz	HP/KW	W			L	W	H	
SMD-016L	220/50	1/0.85	90	1.6	ZG1	630	450	640	50
SMD-026L	220/50	1/0.85	90	2.6	ZG1	700	450	830	80
SMD-038L	220/50	1.25/1.25	140	3.8	ZG1 1/2	850	500	920	105
SMD-065L	220/50	1.5/1.5	180	6.5	ZG1 1/2	880	550	1020	150
SMD-085L	220/50	2.5/1.8	180	8.5	ZG1 1/2	880	550	1020	160
SMD-115L	380/50	3/2.5	2×140	11.5	ZG2	1180	670	1080	240
SMD-135L	380/50	3/2.5	2×140	13.5	ZG2	1180	670	1080	260
SMD-170L	380/50	3.6/3	2×140	17.0	DN65	1360	710	1220	310
SMD-200L	380/50	5.0/4.0	2×140	20.0	DN80	1360	710	1220	400
SMD-250L	380/50	6.0/4.5	2×140	25.0	DN80	1650	750	1290	450
SMD-340L	380/50	7.5/6.5	6(3)×180	34.0	DN100	1840	850	1620	780
SMD-400L	380/50	10.5/8.8	6(3)×180	40.0	DN125	2000	950	1740	820
SMD-500L	380/50	12/10.2	6(3)×180	50.0	DN125	2200	1050	1910	900
SMD-600L	380/50	15/13	6(3)×180	60.0	DN125	2550	1100	1940	1100

Certification: CE/ISO9001/TUV/UL/SGS/ASME

PRECISION AIR FILTER



- Q (Separator filter): Remove plenty of liquid and 3micron coalescer (5ppm maximum remaining oil content).
- P (Air line filter): Remove plenty of liquid and 1micron coalescer (1ppm maximum remaining oil content).
- S (High efficiency oil removal filter): Remove plenty of liquid and 0.01micron coalescer (0.01ppm maximum remaining oil content).
- C (Ultra high efficiency oil removal filter): For coalescing small water vapour and oil fog, remove 0.01 micron coalescer (0.001ppm maximum remaining oil content).
- H (OIL vapor removal filter): For adsorbing oil vapour and hydrocarbon vapor via activated carbon, remove solid particles to 0.01micron (0.003ppm maximum remaining oil content).

SPECIFICATIONS

Model	Model				Amount of treatment 3 Nm ³ /min	Caliber of Air Pipe	Dimension			Weight Kg
	Q	P	S	C			L	W	H	
SMF	012	012	012	012	1.2	ZG1	105	76	250	2
SMF	015	015	015	015	1.5	ZG1	105	76	250	2
SMF	024	024	024	024	2.4	ZG1	105	78	310	3
SMF	038	038	038	038	3.8	ZG1.5	137	99	400	4
SMF	065	065	065	065	6.5	ZG1.5	137	99	425	5
SMF	100	100	100	100	10.7	ZG2	137	99	620	5
SMF	100	100	100	100	10.7	DN50	310	133	860	25
SMF	140	140	140	140	14	ZG2	135	108	750	10
SMF	140	140	140	140	14	DN50	310	133	860	25
SMF	180	180	180	180	18	ZG2.5	148	125	920	13
SMF	180	180	180	180	18	DN65	310	133	860	25
SMF	220	220	220	220	22	ZG2.5	148	125	920	14
SMF	220	220	220	220	22	DN80	379	159	1040	44
SMF	350	350	350	350	35	DN100	465	219	1060	65
SMF	450	450	450	450	45	DN125	470	219	1060	68
SMF	540	540	540	540	54	DN125	513	273	1215	96
SMF	600	600	600	600	60	DN125	513	273	1215	96
SMF	880	880	880	880	88	DN125	615	325	1395	140
SMF	1100	1100	1100	1100	110	DN125	615	377	1300	145

HEATLESS PURGE DESICCANT AIR DRYER

Heatless Purge Desiccant Air Dryer

According to the principal of PSA, the moisture in the air will be adsorbed and compressed with the special appetency of the sorbent on the steam. The machine is of two-tower structure. Under the control of PLC, the two towers will run alternately. One tower adsorb the moisture under high pressure and another tower complete the desorption of steam with the dry air produced by itself, thus keeping running circularly. Although the machine will consume some air, the comprehensive energy consumption are largely lower than the heat sourced regenerative dryer based on variable temperature adsorption, so it is a widely used air compressing and drying machine at present.

Working condition and technical data

Purge air: $\leq 12\sim 15\%$
 Working pressure: 6~10bar
 Inlet oil content: $\leq 0.01\text{ppm}$
 Outlet air pressure dew point: $-20 \sim -40^{\circ}\text{C}$
 Desiccant: Activated aluminum or Molecular sieer
 Working periods: 4 ~ 20minutes
 Inlet temperature: $0\sim 45^{\circ}\text{C}$



SPECIFICATIONS

Model	Capacity	Pipe connection diameter	Dimension(mm)			Weight Kg
	Nm^3/min		L	W	H	
SMC-3WXF	3.8	ZG1.5	1000	450	1900	300
SMC-6WXF	6.5	ZG1.5	1200	500	1950	400
SMC-8WXF	8.5	ZG1.5	1400	600	2000	510
SMC-10WXF	10.7	ZG2	1400	600	2090	700
SMC-13WXF	13.5	ZG2	1400	600	2140	740
SMC-18WXF	18	DN65	1400	600	2200	780
SMC-25WXF	25	DN80	1670	650	2435	1180
SMC-35WXF	35	DN100	1670	650	2566	1760
SMC-45WXF	45	DN125	1750	750	2700	2200
SMC-55WXF	55	DN125	1800	750	2755	2600
SMC-65WXF	65	DN125	1900	700	3070	3100
SMC-85WXF	85	DN150	2620	1120	3070	4100
SMC-110WXF	110	DN150	3100	1650	3200	5200
SMC-160WXF	160	DN200	3240	1770	3190	6000

EXTERNALLY HEATED PURGE DESICCANT AIR DRYER

Externally Heated Purge Desiccant Air Dryer

According to the principal of PSA and TSA, the moisture in the air will be adsorbed and compressed with the special appetency of the sorbent on the steam. The machine is of two-tower structure. Under the control of PLC, the two towers will run alternately. One tower adsorb the moisture under high pressure and another tower complete the desorption of steam with the dry air produced by itself under low pressure and high temperature, thus keeping running circularly. The air consumption of the machine is lower than the heatless regenerative dryer, but some electric power should be consumed to heat the regenerated air.

Working condition and technical data

Purge air: $\leq 4\sim 6\%$
 Working pressure: 4~10bar
 Inlet oil content: $\leq 0.01\text{ppm}$
 Outlet air pressure dew point: $-20 \sim -70^{\circ}\text{C}$
 Desiccant: Activated aluminum or Molecular sieer
 Working periods: 60 ~ 180minutes
 Inlet temperature: $0\sim 45^{\circ}\text{C}$



SPECIFICATIONS

Model	Capacity	Heater Power	Pipe connection diameter	Dimension(mm)			Weight
	Nm^3/min	KW		L	W	H	Kg
SMB-1MXF	1.2	1	ZG1	800	480	1420	150
SMB-2MXF	2.4	1	ZG1	800	480	1520	210
SMB-3MXF	3.8	2	ZG1.5	1000	525	1900	340
SMB-6MXF	6.5	2	ZG1.5	1200	550	1950	440
SMB-8MXF	8.5	2	ZG1.5	1400	600	2000	550
SMB-10MXF	10.7	3	ZG2	1400	600	2090	760
SMB-13MXF	13.5	3	ZG2	1400	600	2140	800
SMB-18MXF	18	3	DN65	1400	650	2200	860
SMB-20MXF	25	4	DN80	1670	725	2435	1250
SMB-30MXF	35	4	DN100	1670	725	2566	1820
SMB-40MXF	45	6	DN125	1750	775	2700	2260
SMB-50MXF	55	6	DN125	1800	775	2755	2660
SMB-60MXF	65	8	DN125	1900	800	3070	3180
SMB-80MXF	85	8	DN150	2620	1120	3073	4200
SMB-100MXF	110	10	DN150	3100	1650	3200	5300
SMB-160MXF	160	15	DN200	3240	1770	3190	6100