



**PROFESSIONAL
SCREW AIR COMPRESSOR FACTORY**

2-STAGE VSD SCREW AIR COMPRESSOR

22KW-250KW

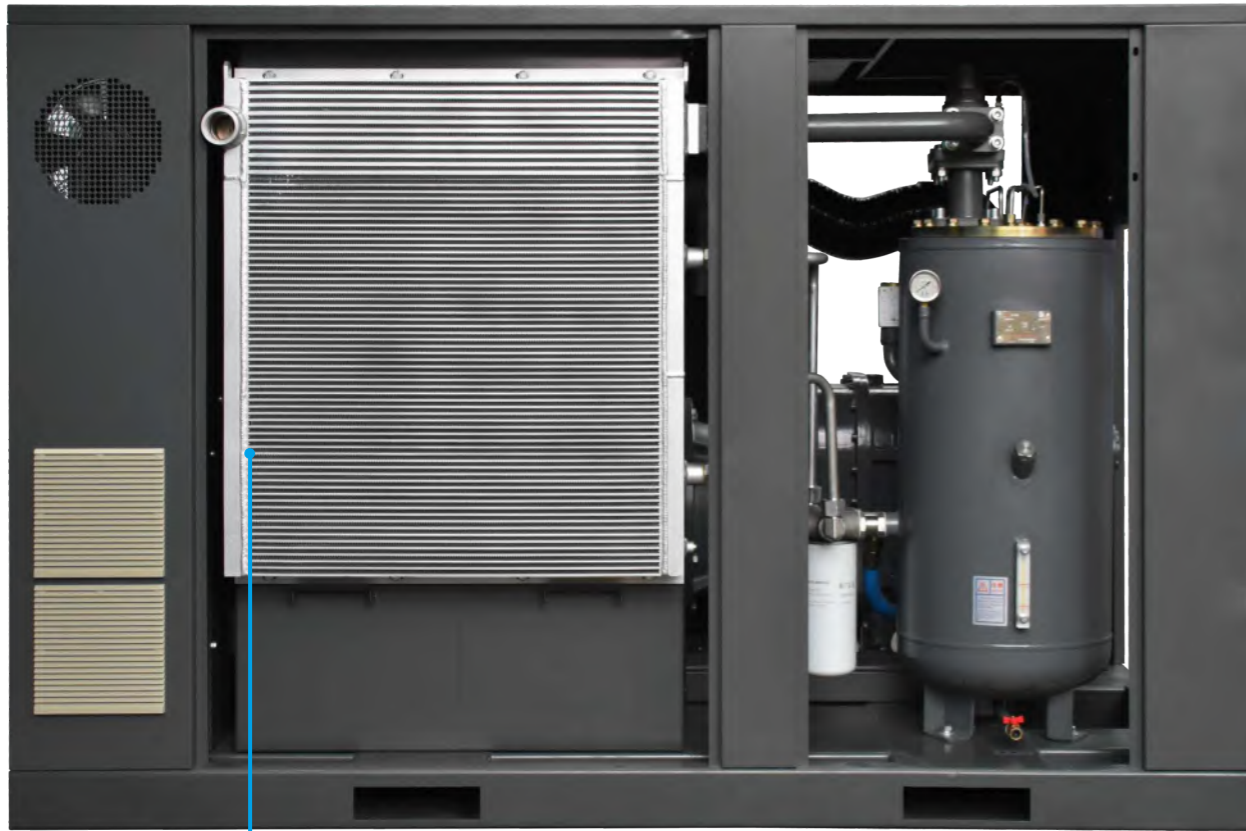
5bar/8bar/10bar/13bar



MORE AIR DELIVER 

Two-Stage Screw Air Compressor

- More Free Air Delivery • Energy Saving • Good Performance



Stable inverter 2pcs inverter for main motor & fan motor

- No unloading power wastage, energy bill depends on how much air you used
- Constant pressure setting function, no repetitious load-unload pressure operation, save power cost
- Inovance brand inverter quality ensure

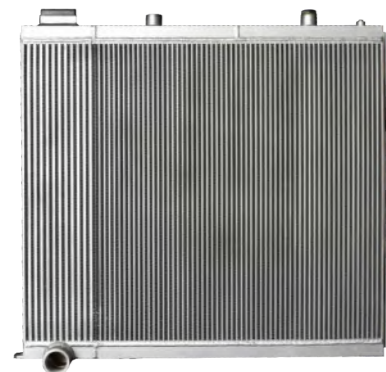


Color touch screen

- 7-inch color touch screen, it with protection, remind, record and alarm function

Cylinder type intake valve

- Heavy duty and longer service life
- Special design for large air volume intake



Oversize cooling system

- We are using high efficiency fin-type cooler with large heat exchange area, good cooling efficiency
- Compressor suit for use in topical area



Two-stage air-end

- More free air delivery volume with same power
- Low air-end speed ensures longer service life, lesser chance of overheating & leakage problem

IE4 High efficiency permanent magnet motor

- IP54 protection level, F insulation level
- Class IE4 permanent magnet motor saves extra 3-6% energy



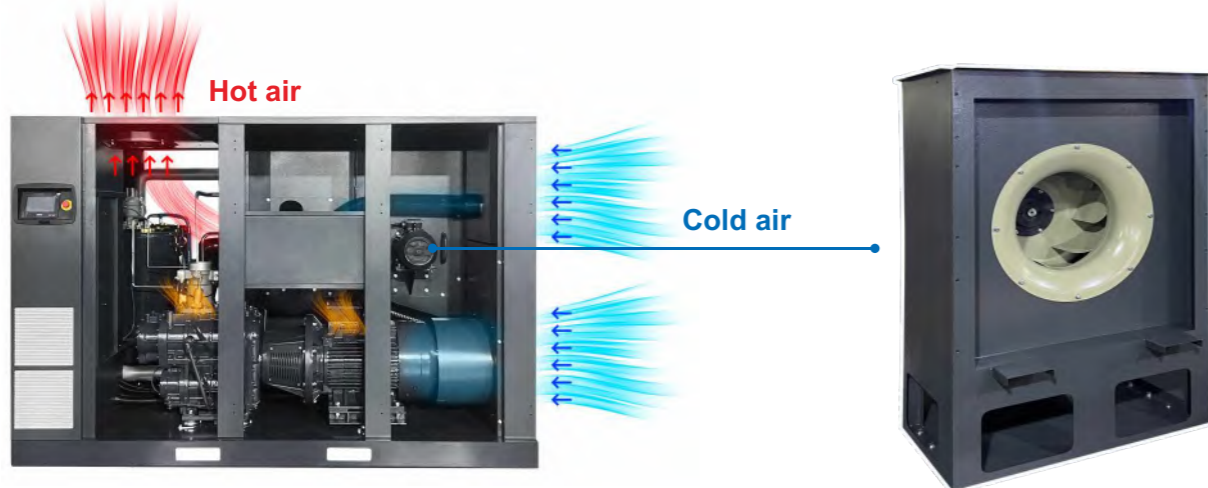
ENERGY EFFICIENCY LEVEL 1



Model	Register announcement date	Specific power (kw/(m ³ /min))	Level 1/Level 2 specific power standard (kw/(m ³ /min))	China energy efficiency system	Remark
2TVPM37	2023/3/16	6.6	7.0/7.6	V4.0	0.8Mpa,air cooled
2TVPM55	2023/3/16	6.1	6.8/7.3	V4.0	0.8Mpa,air cooled
2TVPM75	2023/3/16	5.9	6.6/7.1	V4.0	0.8Mpa,air cooled
2TVPM90	2023/3/16	6.2	6.5/7.0	V4.0	0.8Mpa,air cooled
2TVPM110	2023/3/16	6.1	6.4/6.9	V4.0	0.8Mpa,air cooled
2TVPM132	2023/3/16	6.1	6.4/6.9	V4.0	0.8Mpa,air cooled
2TVPM160	2023/3/16	6.1	6.3/6.8	V4.0	0.8Mpa,air cooled
2TVPM200	2023/3/16	6	6.3/6.8	V4.0	0.8Mpa,air cooled
2TVPM250	2023/3/16	6	6.2/6.7	V4.0	0.8Mpa,air cooled

Optimized cooling system

- The whole series two stage air compressor we have upgraded the cooling system, has separated the cold area and the hot area to ensure the air compressor can run in the high temperature environment.
- Equipped with the independent fan for electricity box, ensure inverter and electricity parts work smoothly.



Centrifugal fan

- using the centrifugal fan necessary for the high end air compressor, lower noise and have a much larger volume than the axial flow fan.hith good cooling performance

2TF SERIES

Technical Parameter

Two-Stage Fixed Speed Screw Air Compressor

Model	Max Working Pressure		F.A.D		Motor Power		Connection	Net Weight kgs	Dimension (L*W*H) mm
	bar	psig	m ³ /min	CFM	hp	kw			
2TF22-8	8	116	4.10	144	30	22	Rp1-1/2	680	1400*880*1350
2TF22-10	10	145	3.50	123					
2TF22-13	12.5	181	3.20	113					
2TF30-8	8	116	6.00	212	45	30	Rp1-1/2	930	1950*1100*1390
2TF30-10	10	145	4.90	173					
2TF30-13	12.5	181	4.20	148					
2TF37-8	8	116	6.80	240	50	37	Rp1-1/2	930	1950*1100*1390
2TF37-10	10	145	5.80	204					
2TF37-13	12.5	181	5.40	190					
2TF45-8	8	116	8.20	289	60	45	Rp1-1/2	960	1950*1100*1390
2TF45-10	10	145	7.40	261					
2TF45-13	12.5	181	6.60	233					
2TF55-8	8	116	11.60	409	75	55	DN50	1870	2590*1500*1640
2TF55-10	10	145	11.30	399					
2TF55-13	12.5	181	9.00	318					
2TF75-8	8	116	15.60	551	100	75	DN50	1940	2590*1500*1640
2TF75-10	10	145	11.60	409					
2TF75-13	12.5	181	11.30	399					
2TF90-8	8	116	18.50	653	120	90	DN65	2170	2990*1700*1963
2TF90-10	10	145	15.20	537					
2TF90-13	12.5	181	14.50	512					
2TF110-8	8	116	21.00	742	150	110	DN65	2330	2990*1700*1963
2TF110-10	10	145	18.50	653					
2TF110-13	12.5	181	16.00	565					
2TF132-8	8	116	24.70	872	175	132	DN65	2415	2990*1700*1963
2TF132-10	10	145	21.30	752					
2TF132-13	12.5	181	18.50	653					
2TF160-8	8	116	31.00	1095	200	160	DN80	3970	3450*1880*2120
2TF160-10	10	145	26.00	918					
2TF160-13	12.5	181	24.70	872					
2TF185-8	8	116	35.50	1254	250	185	DN80	4000	3450*1880*2120
2TF185-10	10	145	31.00	1095					
2TF185-13	12.5	181	26.00	918					
2TF200-8	8	116	40.00	1413	270	200	DN125	5550	3820*1980*2210
2TF200-10	10	145	35.50	1254					
2TF200-13	12.5	181	32.00	1130					
2TF220-8	8	116	45.00	1590	300	220	DN125	5650	3820*1980*2210
2TF220-10	10	145	40.00	1413					
2TF220-13	12.5	181	35.50	1254					
2TF250-8	8	116	50.00	1767	350	250	DN125	5950	3820*1980*2210
2TF250-10	10	145	45.00	1590					
2TF250-13	12.5	181	40.00	1413					

- According to the standard of GB19153-2009
 - Compressor stage: Two stage compression
 - Standard power supply: 380v/50Hz/3Ph
 - Exhaust temperature: ambient temperature +15°C
- Please contact us for any specification that is not within the above mentioned standards.

2TVPM SERIES

Technical Parameter

Two-Stage Permanent Magnet VSD Screw Air Compressor

Model	Max Working Pressure		F.A.D		Motor Power		Connection	Net Weight kgs	Dimension (L*W*H) mm
	bar	psig	m³/min	CFM	hp	kw			
2TVPM22-7	7	102	4.20	148	30	22	Rp1-1/2	700	1400*880*1350
2TVPM22-8	8	116	4.10	144					
2TVPM22-10	10	145	3.50	123					
2TVPM22-13	12.5	181	3.20	113					
2TVPM30-7	7	102	6.50	229	45	30	Rp1-1/2	950	1950*1100*1390
2TVPM30-8	8	116	6.00	212					
2TVPM30-10	10	145	4.90	173					
2TVPM30-13	12.5	181	4.20	148					
2TVPM37-7	7	102	7.20	254	50	37	Rp1-1/2	950	1950*1100*1390
2TVPM37-8	8	116	6.80	240					
2TVPM37-10	10	145	5.80	204					
2TVPM37-13	12.5	181	5.40	190					
2TVPM45-7	7	102	9.80	346	60	45	Rp1-1/2	980	1950*1100*1390
2TVPM45-8	8	116	8.20	289					
2TVPM45-10	10	145	7.40	261					
2TVPM45-13	12.5	181	6.60	233					
2TVPM55-7	7	102	12.80	452	75	55	DN50	1890	2590*1500*1640
2TVPM55-8	8	116	11.60	409					
2TVPM55-10	10	145	11.30	399					
2TVPM55-13	12.5	181	9.00	318					
2TVPM75-7	7	102	17.30	611	100	75	DN50	1960	2590*1500*1640
2TVPM75-8	8	116	15.60	551					
2TVPM75-10	10	145	11.60	409					
2TVPM75-13	12.5	181	11.30	399					
2TVPM90-7	7	102	20.80	735	120	90	DN65	2200	2990*1700*1963
2TVPM90-8	8	116	18.50	653					
2TVPM90-10	10	145	15.20	537					
2TVPM90-13	12.5	181	14.50	512					
2TVPM110-7	7	102	24.50	865	150	110	DN65	2360	2990*1700*1963
2TVPM110-8	8	116	21.00	742					
2TVPM110-10	10	145	18.50	653					
2TVPM110-13	12.5	181	16.00	565					
2TVPM132-7	7	102	30.00	1060	175	132	DN65	2445	2990*1700*1963
2TVPM132-8	8	116	24.70	872					
2TVPM132-10	10	145	21.30	752					
2TVPM132-13	12.5	181	18.50	653					
2TVPM160-7	7	102	34.50	1219	200	160	DN80	4000	3450*1880*2120
2TVPM160-8	8	116	31.00	1095					
2TVPM160-10	10	145	26.00	918					
2TVPM160-13	12.5	181	24.70	872					
2TVPM185-7	7	102	41.00	1448	250	185	DN80	4050	3450*1880*2120
2TVPM185-8	8	116	35.50	1254					
2TVPM185-10	10	145	31.00	1095					
2TVPM185-13	12.5	181	26.00	918					

Model	Max Working Pressure		F.A.D		Motor Power		Connection	Net Weight kgs	Dimension (L*W*H) mm
	bar	psig	m³/min	CFM	hp	kw			
2TVPM200-7	7	102	43.00	1519	270	200	Dn125	5600	3820*1980*2210
2TVPM200-8	8	116	40.00	1413					
2TVPM200-10	10	145	35.50	1254					
2TVPM200-13	12.5	181	32.00	1130					
2TVPM220-7	7	102	48.60	1717	300	220	DN125	5700	3820*1980*2210
2TVPM220-8	8	116	45.00	1590					
2TVPM220-10	10	145	40.00	1413					
2TVPM220-13	12.5	181	35.50	1254					
2TVPM250-7	7	102	55.00	1943	350	250	DN125	6000	3820*1980*2210
2TVPM250-8	8	116	50.00	1767					
2TVPM250-10	10	145	45.00	1590					
2TVPM250-13	12.5	181	40.00	1413					

- According to the standard of GB19153-2009
- Standard power supply: 380v/50Hz/3Ph
- Please contact us for any specification that is not within the above mentioned standards.
- Compressor stage: Two stage compression
- Exhaust temperature: ambient temperature +15°C

2LTVPM 5bar SERIES

Technical Parameter

Two-Stage Permanent Magnet VSD Screw Air Compressor (5bar)

Model	Max Working Pressure		F.A.D		Motor Power		Connection	Net Weight kgs	Dimension (L*W*H) mm
	bar	psig	m³/min	CFM	hp	kw			
2LTVPM37-5	5	73	8.20	289	50	37	Rp1-1/2	950	1950*1100*1390
2LTVPM45-5	5	73	9.30	328	60	45	Rp1-1/2	980	1950*1100*1390
2LTVPM55-5	5	73	15.60	551	75	55	DN50	1890	2590*1500*1640
2LTVPM75-5	5	73	19.10	674	100	75	DN65	2200	2990*1700*1963
2LTVPM90-5	5	73	21.10	745	120	90	DN65	2280	2990*1700*1963
2LTVPM110-5	5	73	25.50	901	150	110	DN65	2430	2990*1700*1963
2LTVPM132-5	5	73	31.50	1113	175	132	DN80	3920	3450*1880*2120
2LTVPM160-5	5	73	36.70	1296	200	160	DN80	4000	3450*1880*2120
2LTVPM185-5	5	73	41.50	1466	250	185	DN125	5550	3820*1980*2210
2LTVPM200-5	5	73	45.80	1618	270	200	DN125	5700	3820*1980*2210
2LTVPM220-5	5	73	51.00	1802	300	220	DN125	5800	3820*1980*2210

- According to the standard of GB19153-2009
- Standard power supply: 380v/50Hz/3Ph
- Please contact us for any specification that is not within the above mentioned standards.
- Compressor stage: Two stage compression
- Exhaust temperature: ambient temperature +15°C

