



**HIGH EFFICIENCY
ROTARY SCREW
COMPRESSOR**
Capacity: 7.5kw to 132Kw

AIR VISION FOCUS ON ENERGY SAVING

Air Compressor Solution Provider, Integrator & Solution Provider





**V COMPSORT
TECHNOLOGY**TM
INDIA'S INCREDIBLE TECHNOLOGY

We have
experience
of 14 years with
ISO 9001:2015
International
Recognition

ABOUT US

V Compsort Technology stands at the forefront of industrial Air Screw Compressor manufacturing, renowned for delivering top-tier products that combine cutting-edge innovation with decades of engineering expertise. We are committed to achieving excellence in every aspect of our work, from design to production, ensuring our compressors meet the dynamic needs of industries around the globe. At V Compsort Technology, we prioritize customer satisfaction and operational efficiency, continuously striving to provide solutions that align with the evolving demands of our diverse global clientele.

Our Products and Services

At V Compsort Technology, we specialize in crafting a broad range of high-performance Screw Air Compressors known for their reliability, energy efficiency, and superior performance. Each compressor is engineered with the latest technological advancements and undergoes stringent testing to guarantee durability and exceptional quality. Whether you're operating large-scale manufacturing plants, automotive assembly lines, or high-demand construction sites, our compressors are built to deliver consistent, long-lasting, and cost-effective performance in even the toughest environments.

We recognize that every industry has unique requirements, which is why we offer tailored compressor systems designed to optimize operational efficiency, minimize downtime, and reduce energy consumption. Our dedicated team works closely with clients to ensure their specific needs are met. Alongside our top-of-the-line compressors, we also provide comprehensive after-sales support.

With a steadfast commitment to excellence, V Compsort Technology has built a reputation as a trusted provider of reliable, sustainable compressed air solutions across diverse sectors, including manufacturing, automotive, pharmaceuticals, food and beverage, construction, and more.

Why Choose Us?

Quality Assurance: Our products undergo rigorous testing to ensure they meet the highest standards of quality, performance, and durability.

Expertise and Support: Our team of experienced professionals is dedicated to providing expert guidance, technical support, and after-sales service to maximize the value of your investment.

Customer Satisfaction: We prioritize customer satisfaction by offering tailored solutions, prompt assistance, and ongoing maintenance services to keep your equipment operating at peak performance.

we are committed to fostering long-term partnerships with our clients, delivering innovative solutions, and exceeding expectations in every aspect of our business. Contact us today to discover how we can fulfill your industrial equipment needs and contribute to your success.



SCREW AIR COMPRESSOR

Variable Speed (Permanent Magnet Motor)

INVERTER

- The standard is equipped with high frequency reactor, effectively reducing the frequency converter and the external magnetic field dry reactance.
- Reliably reduces peak current when it is started, realizes stable starting.
- With high-performance current vector technology, it can easily drive induction motors.
- High performance, high quality and high power density design,
- Rapidly track the change of pressure and control pressure fluctuation within $\pm 0.01\text{Mpa}$, optimal power is used to accurately provide necessary air.



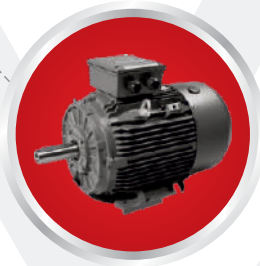
AIR END

- Adopts the international top-level third-generation asymmetric wire twin-screw air end, adopts the peak high efficiency low-pressure, high-efficiency tooth shape and the axial air inlet design.
- Increased energy efficiency by 5% -15% compared to the second generation.
- Uses Swedish SKF heavy-duty bearings, double-lip lip shaft seal, durable and reliable..



MOTOR

- The motor uses high-performance motors use high-performance NdFeB permanent magnets which will not lose magnetism under 200° and its service life reaches as long as 15 years.
- Protection grade IP55, insulation grade F, effectively protects the motor and increases the service life of the motor; the efficiency is 5%-7% higher than similar products.

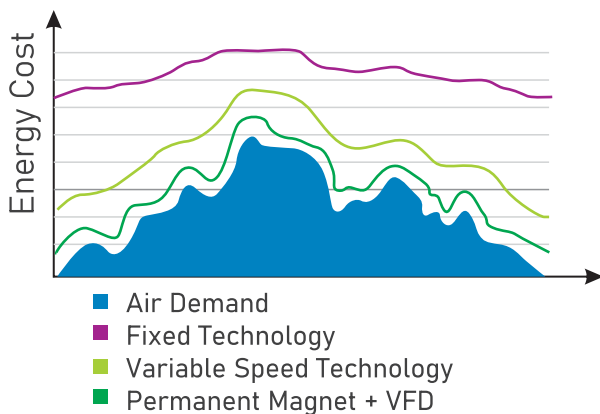


CONTROLLER

- Adopts PLC multi-language Control system, beautiful and intuitive interface, easy to operate function, operators can quickly and easily adjust the compressor.
- 14 protection functions such as overload protection, short circuit protection, reverse protection, low temperature protection, high voltage protection, etc. to fully protect the unit



The adoption of permanent magnet motors can lead to significant power-saving benefits across various industries and application, making them a compelling choice for those seeking to improve energy efficiency



FEATURES

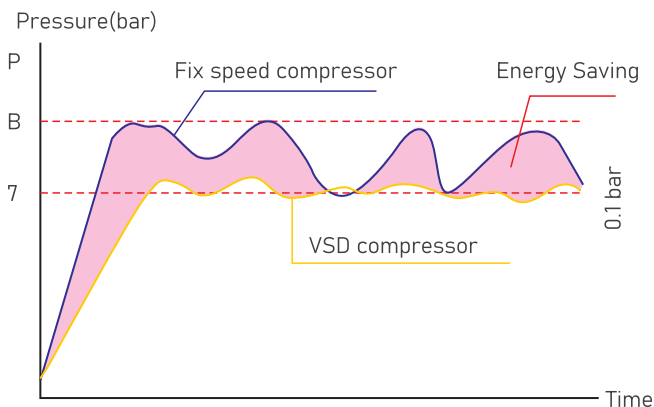
- Higher efficiency since no electrical energy is used or losses incurred for developing or maintaining the motors magnetic field
- Intelligent Control System
- Less bearing current due to large air gap
- The Latest Generation Super Stable Inverter
- Wide Working Frequency Range To Save Energy
- Small Start-up Impact
- low temperature due to less rotor losses
- Low Noise
- Ramp up time, shorter, constant power up to maximum speed.

Technical Specifications

Model	KW	HP	RPM	PRESSURE	CFM	NOISE (DB)	WEIGHT (KG)	DIMENSION (MM) L x W x H		
VC	7.5	10	2900	07	43	60+2	300	960	687	924
			2900	08	39	60+2	300	960	687	924
			2900	10	32	60+2	300	960	687	924
VC	11	15	2920	07	61	60+2	330	1200	740	1082
			2920	08	59	60+2	330	1200	740	1082
			2920	10	47	60+2	330	1200	740	1082
VC	15	20	2920	07	82	60+2	350	1200	740	1082
			2920	08	80	60+2	350	1200	740	1082
			2920	10	65	60+2	350	1200	740	1082
VC	22	30	2940	07	135	65-60+2	520	1400	890	1170
			2940	08	129	65-60+2	520	1400	890	1170
			2940	10	107	65-60+2	520	1400	890	1170
VC	29	40	2940	07	172	65-60+2	700	1600	1037	1280
			2940	08	164	70-72+2	700	1600	1037	1280
			2940	10	150	70-72+2	700	1600	1037	1280
VC	37	50	2950	07	228	70-72+2	750	1600	1037	1280
			2950	08	222	70-72+2	750	1600	1037	1280
			2950	10	200	70-72+2	750	1600	1037	1280
VC	44	60	2950	07	303	70-72+2	825	1600	1037	1280
			2950	08	286	70-72+2	825	1600	1037	1280
			2950	10	268	70-72+2	825	1600	1037	1280
VC	55	75	2960	07	375	70-72+2	1130	1900	1250	1600
			2960	08	357	70-72+2	1130	1900	1250	1600
			2960	10	303	70-72+2	1130	1900	1250	1600
VC	75	100	2960	07	471	70-72+2	1230	1900	1250	1600
			2960	08	484	70-72+2	1230	1900	1250	1600
			2960	10	389	70-72+2	1230	1900	1250	1600

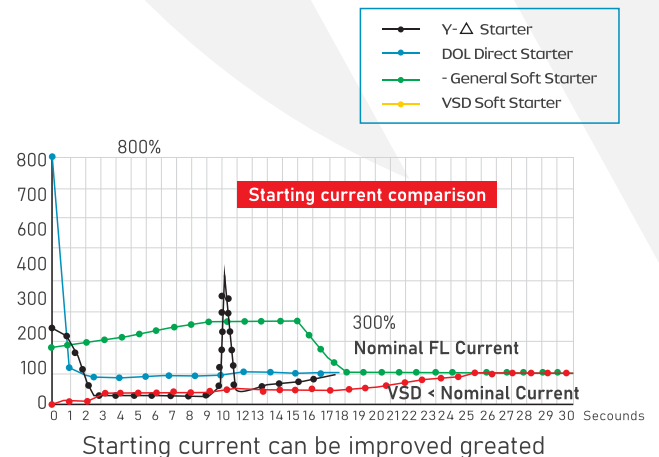
Bar Pressure Smoothly

Automatically trace the change of air system, adjust the air-end speed accurately. Maintain the system pressure in stability.



No Impact When Starting

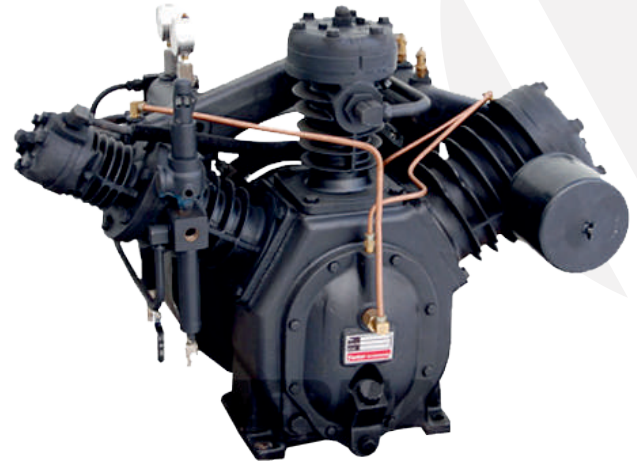
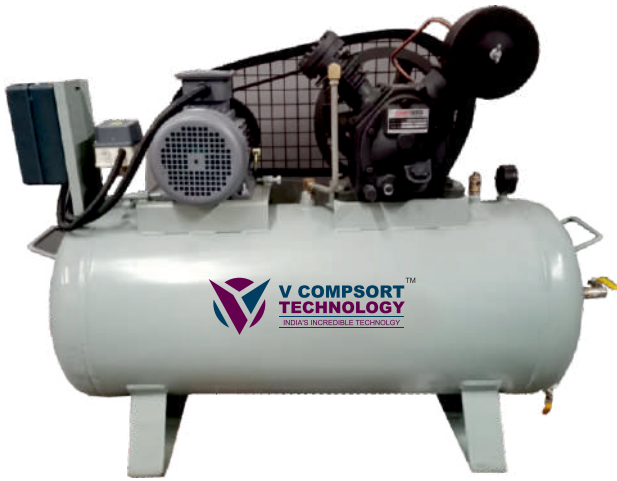
VSD soft starting can reduce the damage of the power network, electric elements and other components. It can prolong the service life of the compressor.



Starting current can be improved greatly

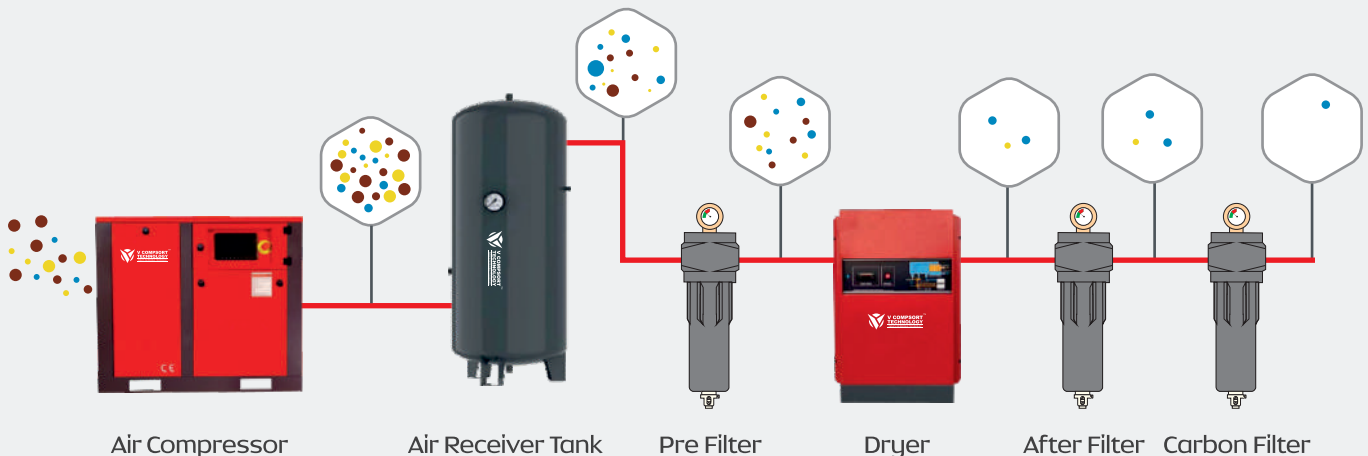
RECIPROCATING COMPRESSOR

Two Stage Medium Pressure Compressor (7-17.5 Kg/cm²)



MODEL	MOTOR		NO. OF CYL.	RPM	RECEIVER		MAX PRESSURE		PISTON DISPL		
	HP	KW			CFT.	LTRS.	PSIG	KG/CM ²	CFM	M ³ /M	LTR/MIN
VCT - 2	2.0	1.50	2	675	5.30	150	175	12.30	7.60	0.210	210
VCT - 3	3.0	2.20	2	960	5.30	150	175	12.30	10.80	0.305	305
VCT - 3	3.0	2.20	2	1000	5.30	150	175	12.30	11.25	0.318	318
VCT - 5	5.0	3.70	2	865	7.95	225	175	12.30	17.32	0.490	490
VCT - 7.5	7.5	5.50	2	1000	7.95	225	175	12.30	20.00	0.570	570
VCT - 7.5	7.5	5.50	2	1100	7.95	225	175	12.30	22.00	0.622	622
VCT - 7.5	7.5	5.50	2	660	8.83	250	175	12.30	26.23	0.740	740
VCT - 10	10.0	7.50	2	660	8.83	250	250	17.50	26.23	0.740	740
VCT - 7.5	7.5	5.50	2	750	8.83	250	175	12.30	29.81	0.843	843
VCT - 10	10.0	7.50	2	950	8.83	250	175	12.30	37.80	1.070	1070
VCT - 10	10.0	7.50	2	725	10.30	300	175	12.30	40.00	1.130	1130
VCT - 12.5	12.5	9.30	2	900	10.60	300	175	12.30	49.50	1.400	1400
VCT - 12.5	12.5	9.30	2	800	10.60	300	250	17.50	44.00	1.245	1245
VCT - 15	15.0	11.00	2	1000	10.60	300	175	12.30	55.00	1.560	1560
VCT - 15	15.0	11.00	3	700	17.66	500	175	12.30	63.50	1.800	1800
VCT - 20	20.0	15.00	3	900	17.66	500	175	12.30	81.80	2.310	2310
VCT - 25	25.0	18.50	3	800	17.66	500	250	17.50	87.94	2.490	2490
VCT - 25	25.0	18.50	3	900	17.66	500	175	12.30	99.00	2.800	2800
VCT - 30	30.0	22.00	3	1000	17.66	500	175	12.30	110.00	3.100	3100

Complete Compressor Room Solutions



Industry We Serve In:



Rice Industry



Food Industry



PVC Pipe Extruder Plant



Grain Industry



Jute & Textile Industry



Plastic Industry



Printing Industry



Power Plants



Paper Industry



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V COMPSORT TECHNOLOGY

Kr Sadan Near, Maina Restaurant,
Raipura Chowk, Raipur-492001, Chattisgarh, INDIA

Mobile: +91-70003-89651, 75092-02449

Email: vcompsort2025@gmail.com

SERVICE SUPPORT : +91- 8319426409

www.vcompsort.com

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