

HYBRID
KOMPRESSOREN

Innovative
Next Generation
Technology



 **SAIMONA**
COMPRESSOR LTD.
(Formerly known as Saimona Air Mech Pvt. Ltd.)

Next Gen Power Saver Technology

📍 Survey No.: 959, B/s. Vinayak Ind. Estate,
Nr. Safal Flexibond, Mahakali Temple Lane,
Kubadthal Village, Tal. Daskroi,
Dist. Ahmedabad-382 430. (Guj.), INDIA

☎ +91-79-2287 0662
☎ +91-93767 32784
☎ +91-98250 32784
✉ sales@saimona.com
✉ falgun@saimona.com
🌐 www.saimona.com



Rotary Screw Air Compressors

 **SAIMONA**
COMPRESSOR LTD.
(Formerly known as Saimona Air Mech Pvt. Ltd.)
Next Gen Power Saver Technology

HYBRID KOMPRESSOREN



About Us

Saimona Compressor Ltd. is India based company engaged in offering a comprehensive range of Air Compressors which have unmatched quality. Saimona is rated as one of the most reliable and reputed brands in High Pressure Air Compressors, Two Stage Air Compressors, Single Stage Air Compressors and Vacuum Pumps.

Our group believes in utilizing our technology knowhow and experience in giving high quality products to our clients by our compressor spares. We design and deliver tailor made compressors as per the customer requirements and that too at cost effective rates.

Our Mission

Saimona group has a corporate philosophy of delivering high quality products by implementing the latest Technology resulting into unmatched quality standards and at competitive prices. The company today is a leading name in the category of Rotary Screw Compressors & Reciprocation compressors particularly.

Our Vision

Saimona Compressor Ltd is an Indian manufacturing company that has been producing compressors since 2001. Over the year the Company has continually evolve and is today one at the prominent compressor manufacturing company in Rotary Screw Compress & Reciprocation Compressor.

Our Success

Saimona Group has achieved the success today because of implementing latest technology in its Designing and production by following the famous Kazen Model. Saimona Group has left no leaf unturned in offering high quality, durable and cost effective products over the years and hence has won the trust and satisfaction from all its clients spread nationally and across the globe.



Most Efficient
Cost Effective
Rotary Screw Air Compressors

HYBRID KOMPRESSOREN

SCREW COMPRESSOR

advanced user friendly design



Intelligent PLC Control Panel

The simple-to-use automatic electric control panel continuously monitors and displays overall system performance status with pro-active service indications, alarms for malfunctions and safety shutdowns. Advanced sequence control for multi-units installation and remote control as option.



Reliable Automatic Control Box

Electronic components of the IP54 automatic control box such as relays, contactors and overload relays are from named brand Siemens to provide safe & reliable compressor control solution.



High Efficiency Intake Filter System

Big surface air filter element can efficiently remove dust particles from intake cooling air and at the same time to maintain low noise level.



Multi-Stage Air/Oil Separation System

The latest European Patented multi-stage air/oil separation system to guarantee low residual oil content of less than 1-3 ppm. This exceeds any international standard of oil injected rotary screw air compressor and is particularly suitable for customers with clean air for applications.



Modern Concept Suction Control System

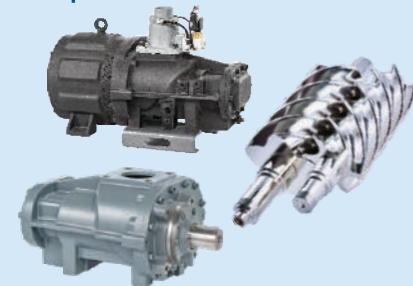
The control unit of the suction control valve can automatically adjust from 60-100% according to the system air demand to effectively minimize operating cost.



Maintenance Free Transmission System

The air end is connected directly to an electric motor (with or without step up gear). Direct transmission is an important characteristics of our big capacity screw compressor packages as it makes possible the operation of air end with the maximum efficiency.

State-of-the-art Compressor Airend



Optimal energy efficiency & outstanding reliability is achieved from patented design third generation non-symmetric robust rotors, superior bearings & oil seal that help the compressor airend to operate with good dynamic balance, low vibration, low rotation speed and low noise level.

Energy Saving Electric Motor



The special modified electric motor can achieve high efficiency of 95.2% that brings an unprecedented level of energy saving. High quality high speed bearings from 'SKF' are fitted for continuous trouble-free operation.

High Efficiency Aftercooler

The enlarged high efficiency oil & air combination air-cooled aftercooler is specifically designed for South East Asia climate to assure all components work perfectly even under high ambient temperature & humidity summer season. All design data are referenced at 46°C ambient temperature.



Modern Concept Suction Control System



Modern concept suction control valve with automatic closure to prevent any oil escape. The control unit can automatically adjust from 60-100% according to the system air demand to effectively minimize operating cost.

High Quality Genuine Spare Parts

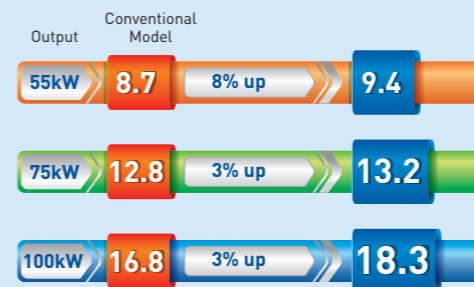
All high quality and durable spare parts are designed, manufactured and tested in Europe to meet with the most stringent international standards.



High Performance

Equipped with New Airend

High capacity is realized by newly developed Airend



Low Noise Design



Low Noise achieved by the low-noise rotor profile, adoption of vibration-proof driving system and low noise structure of suction and exhaust.

Energy Saving

Stranded Compressor

- Purchasing Cost
- Maintenance Cost
- Energy Cost



Saimona VSD Compressor

- Purchasing Cost
- Maintenance Cost
- Energy Cost
- Energy saving



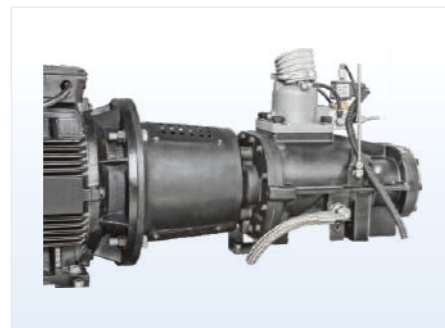
Screw Compressors



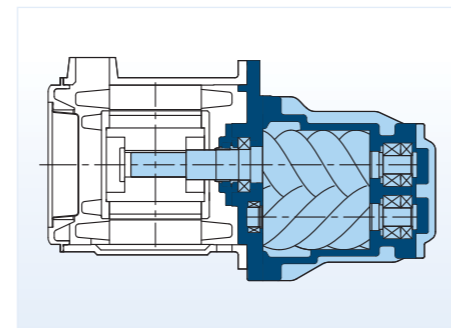
IPM Compressor



Direct Drive



Direct Drive



IPM One Shaft Structure

Most Efficient
Cost Effective

Belt Drive Silent Screw Compressors



Highly Reliable
Versatile Technology

Model		Power		Pressure Bar	Flow Rate	
		HP	kW		CFM	M ³ / min
SIGMA	Σ 30+	30	22	6 - 8 - 10	144 - 128 - 114	4.07 - 3.63 - 3.23
ZIGMA	Z 40+	40	30	6 - 8 - 10	205 - 177 - 155	5.8 - 5.04 - 4.40
MEGA	M	50	37	6 - 8 - 10	254 - 230 - 191	7.2 - 6.5 - 5.43
GIGA	Γ	60	45	6 - 8 - 10	314 - 276 - 240	8.88 - 7.83 - 6.80
TERA	T	75	55	6 - 8 - 10	392 - 336 - 293	11.1 - 9.53 - 8.29
PETA	P	100	75	6 - 8 - 10	490 - 454 - 399	13.89 - 12.88 - 11.32

Model		Power		Pressure Bar	Flow Rate	
		HP	kW		CFM	M ³ / min
NANO	N 7.5+	7.5	5.5	8 - 10 - 12	31 - 28 - 26	0.88 - 0.80 - 0.74
ALFA	α 10+	10	7.5	8 - 10 - 12	45 - 42 - 38	1.30 - 1.20 - 1.08
BETA	β 15+	15	11.0	8 - 10 - 12	62 - 59 - 56	1.80 - 1.70 - 1.58
GAMMA	γ 20+	20	15.0	8 - 10 - 12	88 - 85 - 82	2.25 - 2.40 - 2.32
DELTA	Δ 25+	25	18.5	8 - 10 - 12	101 - 98 - 94	2.86 - 2.78 - 2.66
SIGMA	Σ 30+	30	22.0	8 - 10 - 12	125 - 121 - 115	3.52 - 3.44 - 3.28

Applications :

- Single - stage rotary screw air compressors used in stationary and mobile applications with air discharge temperature up to 120 °C

Benefits :

- Outstanding resistance to deposits formation ensures improved air compressor efficiency and hence longer running periods and reduced maintenance costs.
- Excellent demulsibility ensures smooth functioning of oil separator element.
- Exceptional overall protection against corrosion, rusting, wear.
- Excellent oxidation and thermal stability hence longer oil drain interval.

 **SAIMONA**
COMPRESSOR LTD.
(Formerly known as Saimona Air Mech Pvt. Ltd.)
Next Gen Power Saver Technology

📍 Survey No.: 959, B/s. Vinayak Ind. Estate,
Nr. Safal Flexibond, Mahakali Temple Lane,
Kubadthal Village, Tal. Daskroi,
Dist. Ahmedabad-382 430. (Guj.), INDIA

☎ +91-79-2287 0662
☎ +91-93767 32784
☎ +91-98250 32784
✉ sales@saimona.com
✉ falgun@saimona.com
🌐 www.saimona.com



HYBRID
KOMPRESSOREN

HYBRID Super Synthetic Long Life Lubricants

Innovative
Next Generation
Lubricants



We Supply only high quality air compressor lubricants at prices that will allow your customers to save money over OEM lubricants. OEM's cannot require you to buy lubricant from them to retain your warranty.

We Supply

 **SAIMONA**
COMPRESSOR LTD.
(Formerly known as Saimona Air Mech Pvt. Ltd.)
Next Gen Power Saver Technology