

HYBRID
KOMPRESSOREN

Innovative
Cost Efficient
Technology



Reciprocating Air Compressors



SAIMONA
COMPRESSOR LTD.

(Formerly known as Saimona Air Mech Pvt. Ltd.)

Next Gen Power Saver Technology

High Pressure Reciprocating Air Compressors



Multi-stage, High Pressure Air Compressors are available in two & three stages in two cylinder & three cylinder versions.

It consists of robust, overhung design crankshaft to ensure reliability and easy maintenance, solid end connecting rods, highly thermal efficient inter cooling, totally reliable splash lubrication and balanced V-type construction for smooth vibration-free operation.

Cross head cylinders are used in case of the last stage small diameter piston for better and adequate support to accommodate Con Rod bushing.



RELIABLE

Designed to make it easier to operate combined with low maintenance cost and reliable air supply.



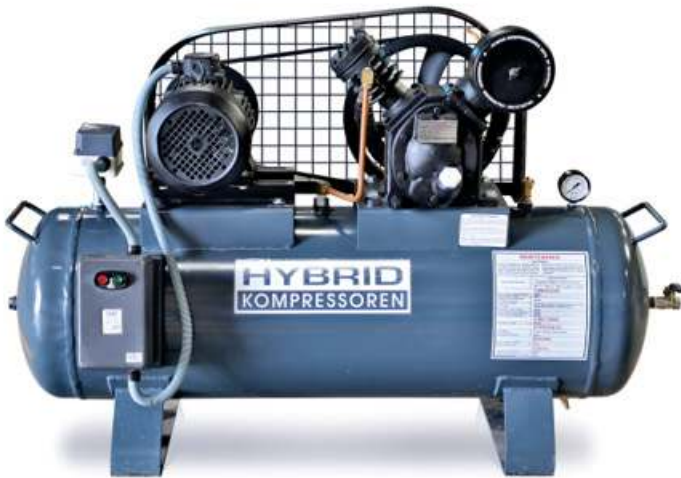
EFFICIENT

Our high standard quality Compressed air technology and services result in reliability, efficiency and productivity for our customers.

Model	Motor	No. of Cylinders	Cfm		Maximum Pressure		Air Receiver
	HP		pd	Fad	psig	kg/cm ² g	ltrs.
SAI-10-231	3.00	2	740	4.80	500	35.15	150
SAI-10-7T2	7.50	2	24.75	14.50	500	35.15	300/500
SAI-10-7T2	12.50	2	36.00	21.60	500	35.15	300/500
SAI-10-15TH	20.00	3	56.00	53.00	500	35.25	500
SAI-10-15T2	15.00	2	41.25	31.41	500	35.15	500
SAI-10-15T2	20.00	2	49.50	37.70	640	45.00	500



Two Stage Reciprocating Air Compressors



These Hybrid Brand Two Stage Reciprocating Air Compressors are specially designed to cater to the medium pressure application and are made of heavy-duty components to give desired effective output. These compressors have two different sized cylinder bores which increases the efficiency of these compressors.

The crankshaft consists of overhung and sturdy design which is easy to maintain and also more reliable. It has solid end connecting rods resulting into high thermal efficiency, inter-cooling, totally reliable splash lubrication and balanced V-type construction for hassle free and vibration less operation.



COMMITMENT

Commitment to serve the customers in all aspects irrespective of its area of work.



COST EFFECTIVE

Designed with advanced technology to produce more volume of air, making it an economically viable, sensible and an effective solution.

Model	Motor	No. of Cylinders	Piston Displacement cfm	Maximum Pressure		Air Receiver ltrs.
	HP			psig	kg/cm ² g	
SAI-10-234	2/3	2	746/9.79	175	12.3	175/225
SAI-10-2340	3	2	11.25	175	12.3	175/225
SAI-10-242	5	2	17.32	175	12.3	225/250
SAI-10-2475	5/7.5	2	17.3/22	175	12.3	225/250
SAI-10-253	7.5	2	26.40	175	12.3	225/250
SAI-10-2545	7.5/10	2	29.8/37.8	175	12.3	225/250
SAI-10-2600	10	2	35	175	12.3	300
SAI-10-71T2	10/12.5/15	2	40/49/55	175	12.3	300/500
SAI-10-15T	15/20	3	63/81	175	12.3	300/500
SAI-10-25T	20/25	3	81/99	175	12.3	500
SAI-10-3000	25	3	110	175	12.3	500



Single/Two Stage Reciprocating Air Compressors/Vacuum Pump



This Vacuum pump has a universal design with the provision to convert it into a single stage compressor. This feature provides a very vital additional facility for large tank leakage test under vacuum or under pressure.

Model	Motor	No. of Cylinders	Piston Displacement	Vacuum Pressure
	HP		cfm	inches
SAI-10-V235	1.5	2	21.60	29.00
SAI-10-V235	1.5	2	10.80	29.60
SAI-10-V244	2.0	2	34.60	29.00
SAI-10-V244T	2.0	2	17.30	29.65
SAI-10-V255	5.0	2	60.00	29.00
SAI-10-V255T	5.0	2	30.00	29.70
SAI-10-7V	7.5	2	110.00	29.00
SAI-10-7VT	7.5	2	55.00	29.65
SAI-10-15V	10.0	3	149.60	29.20
SAI-10-15VT	10.0	3	99.00	29.65

Single Stage Reciprocating Air Compressors



Single-stage air compressors are designed especially for low pressure application. These compressors have cylinders of same size [regardless of the number of cylinders]. It consists of a robust, overhung designed crankshaft for reliability & easy maintenance, solid end connecting rods, high thermal efficiency, inter-cooling, reliable splash lubrication and balanced V-type construction for smooth, vibration-free operation.

Model	Motor	No. of Cylinders	Piston Displacement	Maximum Pressure		Air Receiver
	HP		cfm	psig	kg/cm ² g	ltrs.
SAI-10-S2	2.00	2	8.25	125	8.78	100/150
SAI-10-S3	3.00	2	13.75	125	8.78	150
SAI-10-235	3/5	2	14.85/20	80	5.62	150/225
SAI-10-244	5/7.5	2	26/34	80	5.62	225/300
SAI-10-255	7.5/10	2	40/52.8	80	5.62	225/300
SAI-10-732	12.5/15	2	88/95	40	2.81	300/500
SAI-10-15S2	15/20	3	99/132	40	2.81	500



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