

Technical Specifications

Single Stage Air Compressor

Model	Motor (H.P.)	Piston Displacement		Maximum Pressure		Tank Capacity (Liters)
		(C.F.M.)	(L.P.M.)	(Kg/cm ²)	(Psig)	
NS-385	3	15.8	430	5.62	80	150
NS-394	5	26.5	750	5.62	80	225
NS-405	7.5	40	1130	5.62	80	250
NS-675	10	68.1	1928	4.21	60	300
NS-6752	12.5	88	2490	2.81	40	300
NS-7552	15	81.6	2305	3.52	50	500
NS-7552D	20	127.8	3610	2.81	40	500

Two Stage Air Compressor

Model	Motor (H.P.)	Piston Displacement		Maximum Pressure		Tank Capacity (Liters)
		(C.F.M.)	(L.P.M.)	(Kg/cm ²)	(Psig)	
NS-412	1	3.75	132	10	145	70
NS-512	2	7.5	264	10	145	135
NS-4440	3	11.25	318	12.5	175	160
NS-334	3	10.8	305	12.5	175	160
NS-442	5	17.3	490	12.5	175	225
NS-553	7.5	26.23	740	12.5	175	250
NS-3600	7.5	28.5	806	12.5	175	250
NS-3545	10	37.8	1070	12.5	175	300
NS-171T	10.00/12.50	40.00/49.50	1130/1400	12.5	175	300
NS-711T	15.00/20.00	63.50/84.80	1800/2310	12.5	175	500
NS-711T	25.00/30.00	99.00/110.00	2800/3100	12.5	175	500
NS-711	15	55	1550	17.5	250	500

Multistage High Pressure Air Compressor

Model	Motor (H.P.)	Piston Displacement		Maximum Pressure		Tank Capacity (Liters)
		(C.F.M.)	(L.P.M.)	(Kg/cm ²)	(Psig)	
NS-331	3	7.6	210	35.15	500	150
NS-57T2	7.50/10.00	24.00/32.25	680/915	35.15	500	300
NS-57T2	12.5	36.36	1030	35.15	500	300
NS-67T2	15.00/20.00	41.80/49.50	1180/1400	35.15/56.25	500/800	500
NS-75TH	15.00/20.00	55.00/73.00	1557/1980	30	427	500
NS-85TH	25	90	2550	30	427	500
NS-75TH-2	20+20	146	3960	30	427	750
NS-67T2-2	20+20	99	2800	35	500	750



Reciprocating Air Compressors

Single Stage | Two Stage | Multi Stage



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Design

Our R&D is dedicated to international design guidelines and best engineering practices to build efficient machines for longer performance.

Quality

Our products perform its intended functions reliably and effectively without any defects. It has a lifespan and ability to withstand wear and tear without significant deterioration.

Components

All genuine components are made of industrial grade heavy duty to less breakdowns.



Key Features

- Industrial grade heavy-duty
- Slow running speed
- Inter-stage pressure relief valve
- Pressure switch with unloader
- Testing as per IS5456 standards
- Leak-proof fittings

Benefits

- Low maintenance cost
- Easy start with increased motor life
- Accident-proof design
- Safety as per international standards
- Guaranteed free air delivery output
- No standby compressor required

Core Value

- High reliability
- High quality
- Cost-effective
- Energy efficient
- Operator safety
- Low maintenance



Versatile

- Reciprocating compressors used in a wide range of industrial applications, from small machines to large industrial plants.

Why Choose Our Reciprocating Compressors?

- Designed with cutting-edge technology for maximum reliability.
- Comprehensive service and support network.
- Custom solutions for diverse industrial requirements.



Maximum ambient
50°C/122°F



7% - more
flow



60% less oil
change cost



25% reduced
service cost



Low noise level
70 - 75 dB (A)



9% lesser
footprint

Automotive, Textile, Agriculture, Packaging, Manufacturing, Medical, Pharmaceutical, Garage, and many more.

Compressor for a variety of industrial applications. Made-to-order compressors that perform in a wide variety of environments. Compressors are built with heavy-duty cylinder heads with compact block design. The air receiver tanks are tailor-made that are hydro-tested with all safety guidelines as per customer requirements. Electrical motor and starter are from trustworthy and reputed brands. High-quality piston, connecting rod, rings, and gaskets that withstand high pressure and temperature.

Heavy duty cylinder head with compact block design.



Air receiver tank is hydro tested with all safety guidelines.



Durable and long-lasting high quality piston rings.



High efficient electrical trustworthy motors from reputed brands.

INDUSTRIAL GRADE HEAVY DUTY CAST-IRON CYLINDER BLOCK, CONNECTING RODS & HIGH PRESSURE PISTONS

Cast-iron extends longer service life.

- The cast-iron cylinder block significantly has durability when compared with aluminum components.
- High-pressure pistons with industry leading cast-iron cylinders for extreme durability
- More corrosion resistant and stronger ductile iron crankshaft.
- Cylinder head is deep finned for circulating the air flow to maintain temperature.

HIGH QUALITY COMPONENTS

Built to perform for superior compressed air.

- Heavy duty stainless steel channel valve delivers a higher flow of air volume.
- Roller bearings are industrial grade, precision fit to support the rotating parts for maximum life.
- Intercooler design is durable in harsh conditions that increase compressor efficiency.
- Intake filter/silencer is made of metal when compared with plastic.

VALUE ADDED DESIGN STANDARDS

Efficient performance and lower maintenance cost.

- Design guidelines and best practices are followed as per international standards.
- All safety standards are followed to ensure reliability in all environments.
- Heavy metal design ensure high pressure, durability and longer life when compared with other make.
- Easily available spares with low service cost and easy for maintenance.