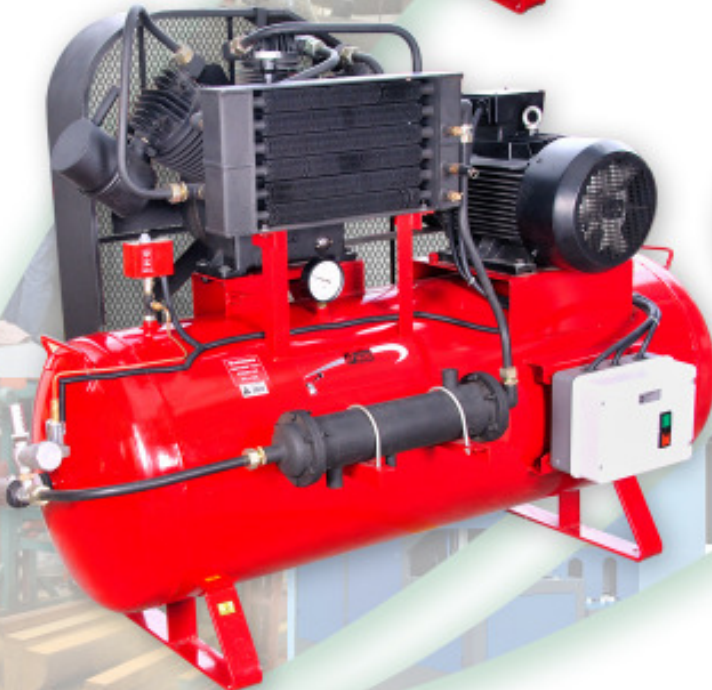


22 years of Service



Feel the Difference

More Air For Less Power



Smart

## Heavy Duty Reciprocating Air Compressor

- Cylinders are with deep radical fins on outer side for quick heat dissipation.
- Finger valves, concentric disc valves, plates & springs are quickly acting for better performance.
- Forged steel connecting rod with needle bearing for heavy duty operation.
- Crankshaft with double end ball bearings for long life service intervals.
- Less noise level and ease of maintenance.
- Low specific power consumption.

CIN No. : U29120TZ2015PTC021250

### Options



Engine driven compressor

[www.frankcompressors.com](http://www.frankcompressors.com)

Frank piston Air compressor is the embodiment of reliability. Our robust and functional design has provided many users with a dependable and efficient compressed air supply. Only top quality materials and the latest technologies are used when designing and manufacturing FRANK piston air compressors. Precisely manufactured to the smallest tolerance on modern CNC machines. Frank Piston compressors are subject to extensive quality control before leaving production. This is why Frank piston air compressor is durable and robust.

**Crankshaft :** Double end ball bearing mounted crank shaft with forged steel connecting rods is precision - ground and runs with minimum vibration.

**Connecting Rod :** Forged Steel precisely machined

connecting rod with solid construction does not required adjustment. Connecting Rods big end is with needle bearing and small end is with brass bush for heavy duty operation.

**Cylinder :** Cylinders are made from special cast iron material with deep radial fins on the outer side for heat dissipation. Each cylinder is separately cast, precision- bored and honed for smooth running.

**Valve :** Stainless steel finger valves are heat- treated, quick-acting. Centric disc valve plates & spring are made from high quality steel material, having large flow- area for longer valve- life and better performance, easy for removal & servicing.

**Piston :** Equalized and balanced pistons are made from aluminium material. Each piston has compression rings and oil control rings for optimum efficiency.



Smart - 30T to 75T  
Smart - 50H to 75H  
Smart - 50TH to 75TH



Smart - 100T to 150T



PET - 150H to 200H

MODEL	Piston Displacement		Free Air Delivery		Motor Power		Compressor RPM	Tank Capacity LITRES
	LPM	CFM	LPM	CFM	HP	KW		
<b>Belt Driven - Heavy Duty</b> (Maximum Pressure - 12 kg/cm <sup>2</sup> 171 PSI, Two Stage, 3 Ph / 50Hz)								
Smart - 30T / 160	300	10.5	252	8.9	3	2.2	720	160
Smart - 50T / 220	500	17.6	422	14.9	5	3.7	840	220
Smart - 75T / 220	660	23.2	558	19.7	7.5	5.5	960	220
Smart - 100T / 500	1000	35.2	847	31.0	10	9.3	720	500
Smart - 150T / 500	1500	52.9	1273	44.9	15	11.0	1080	500
<b>Belt Driven - Heavy Duty</b> (Maximum Pressure 17 kg/cm <sup>2</sup> , 241 PSI, Two Stage, 3 Ph / 50 Hz)								
Smart 50TH/220	373	13.2	311	11	5.0	3.7	600	220
Smart 75TH/220	488	17	413	13	7.5	5.5	840	220
<b>Belt Driven - Heavy Duty</b> (Maximum Pressure - 30 kg/cm <sup>2</sup> 426 PSI, Two Stage, 3 Ph / 50Hz)								
Smart - 50H/200	240	8.5	201	7.1	5	3.7	720	220
Smart - 75H/300	396	14	331	11.7	7.5	5.5	720	300
<b>Belt Driven - Heavy Duty</b> (Maximum Pressure - 30 kg/cm <sup>2</sup> 426 PSI, Two Stage, 440V/3 Ph/50 Hz)								
PET - 150H/500	1133	40	820	29	15.0	11.0	1080	500
PET - 200H/500	1499	53	1048	37	20.0	14.8	1080	500

## Frank Technologies Pvt. Ltd.,

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**Sales & Service Outlets :** Andhra, Chhattisgarh, Delhi, Gujarat, Haryana, Himachal Pradesh, Jammu & Kashmir, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Orissa, Pondicherry, Punjab, UP, Uttarakhand, Bihar, Jharkhand, Goa, Assam & West Bengal