

16 years of Service



Feel the Difference

More  
**Air**  
For Less Power



TH Series

## 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.

### Options



Engine driven compressor

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.



Fracu - 30T to 75T



Fracu - 100T to 150T



PET - 150H to 200H

MODEL	Piston Displacement		Free Air Delivery		Motor Power		Compressor	Tank Capacity
	LPM	CFM	LPM	CFM	HP	KW	RPM	LITRES
<b>Belt Driven - Heavy Duty</b> (Maximum Pressure - 12 kg/cm <sup>2</sup> 175 PSI, Two Stage, 3 Ph / 50Hz)								
Fracu - 30T / 160	300	10.5	252	8.9	3	2.2	720	160
Fracu - 50T / 220	500	17.6	422	14.9	5	3.7	720	220
Fracu - 75T / 220	660	23.2	558	19.7	7.5	5.5	960	220
Fracu - 100T / 500	1000	35.2	847	31.0	10	9.3	720	500
Fracu - 150T / 500	1500	52.9	1273	44.9	15	11.0	1050	500
<b>Belt Driven - Heavy Duty</b> (Maximum Pressure - 30 kg/cm <sup>2</sup> 426 PSI, Two Stage, 3 Ph / 50Hz)								
Fracu - 30H/150	119	4.2	99	3.5	3	2.2	620	160
Fracu - 50H/200	240	8.5	201	7.1	5	3.7	720	220
Fracu - 75H/300	396	14	331	11.7	7.5	5.5	720	220
Fracu - 100H/500	493	17.4	410	14.5	10	7.5	640	500
<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	970	500
PET - 200H/500	1499	53	1048	37	20.0	14.8	970	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, Uttanghand, Bihar, Jharghand, Goa, Assam & West Bengal