

16 years of Service



Feel the Difference

More Air  
For Less Power



DS Series

## Heavy Duty Reciprocating Air Compressor

- Cylinders 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 require

adjustment. Connecting Rod's 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 - 20D



Fracu - 10ES



Fracu - 20ES



Fracu - 30S to 75S

MODEL	Piston Displacement		Free Air Delivery		Motor Power		Compressor	Tank Capacity
	LPM	CFM	LPM	CFM	HP	KW	RPM	LITRES
<b>Direct Driven - Light Duty</b> (Maximum Pressure - 8 kg/cm <sup>2</sup> 116 PSI, Single Stage, 1 Ph / 50Hz)								
Fracu - 20D / 25	245	8.6	133	4.7	2	1.48	2800	25
Fracu - 20D / 50	245	8.6	133	4.7	2	1.48	2800	50
<b>Belt Driven - Heavy Duty</b> (Maximum Pressure - 8 kg/cm <sup>2</sup> 116 PSI, Single Stage, 1 Ph / 3 Ph / 50Hz)								
Fracu - 10ES / 110	100	3.5	68	2.4	1.0	0.74	1150	110
Fracu - 20ES / 160	200	7.0	136	4.8	2.0	1.48	900	160
<b>Belt Driven - Heavy Duty</b> (Maximum Pressure - 10 kg/cm <sup>2</sup> 145 PSI, Single Stage, 1 Ph / 3 Ph / 50Hz)								
Fracu - 30S / 160	300	10.5	204	7.2	3.0	2.20	750	160
Fracu - 30S / 220	300	10.5	204	7.2	3.0	2.20	900	220
Fracu - 50S / 220	651	23.0	453	16.0	5.0	3.70	840	220
Fracu - 75S / 220	792	28.0	552	19.5	7.5	5.50	960	220

## 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, Jharghand, Goa, Assam & West Bengal