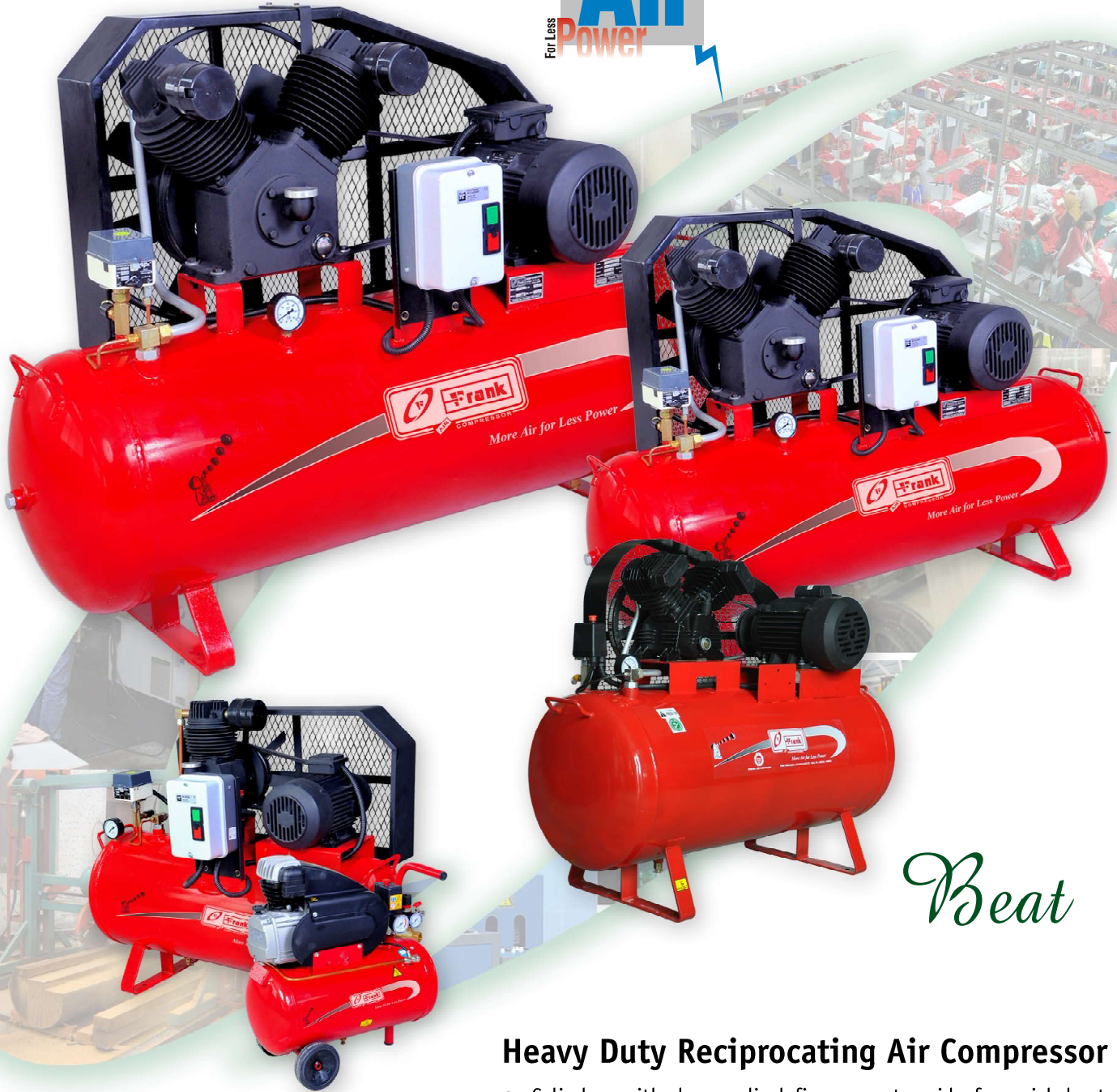


More
Air
For Less
Power



Beat

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.



Beat - 10D to 20D



Beat - 10ES



Beat - 20ES to 50ES



Beat - 30S to 75S

MODEL	Piston Displacement cfm	Free Air Delivery cfm	Motor Power		Compressor RPM	Tank Capacity LITRES	Dimension L x W x H in inch	Weight Kgs.
			HP	KW				
Direct Driven - Light Duty (Maximum Pressure - 8 kg/cm² 116 PSI, Single Stage, 1 Ph / 50Hz)								
Beat - 10D / 10	4.3	2.0	1.00	0.74	2800	10	17x7x20	17
Beat - 20D / 25	8.6	4.7	2.00	1.48	2800	25	20x11x24	28
Beat - 20D / 50	8.6	4.7	2.00	1.48	2800	50	25x14x27	36
Belt Driven - Heavy Duty (Maximum Pressure - 8.5 kg/cm² 116 PSI, Single Stage, 1 Ph / 3 Ph / 50Hz)								
Beat - 10ES / 45	3.5	2.4	1.0	0.74	1150	45	35x15x30	68
Beat - 10ES / 110	3.5	2.4	1.0	0.74	1150	110	40x16x34	80
Beat - 20ES / 160	7.0	4.8	2.0	1.48	900	160	51x20x37	100
Beat - 30ES / 160	8.0	5.5	3.0	2.20	750	160	51x20x37	105
Beat - 50ES / 200	17.6	12.4	5.0	3.70	840	200	61x22x39	138
Belt Driven - Heavy Duty (Maximum Pressure - 10 kg/cm² 145 PSI, Single Stage, 1 Ph / 3 Ph / 50Hz)								
Beat - 30S / 160	10.5	7.2	3.0	2.20	750	160	51x22x39	124
Beat - 30S / 200	10.5	7.2	3.0	2.20	750	200	61x22x39	130
Beat - 50S / 220	23.0	16.0	5.0	3.70	840	220	64x22x43	200
Beat - 75S / 220	28.0	19.5	7.5	5.50	960	220	64x24x43	245
Beat - 100S / 300	43.4	33.6	10	7.5	960	300	74x25x47	300
Beat - 100S / 500	43.4	33.6	10	7.5	960	500	78x30x52	365

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