



**PARAS**<sup>®</sup>  
C O M P R E S S O R S

Since 1987

## Air Compressors & Vacuum Pumps

Quality with  
Right Selection  
Always on Priority



### Other Range of Products

- 1 HP to 350 H.P Air & Water Cooled,
- Reciprocating Compressors
- Screw Compressor Direct Driven
- High Pressure Compressors,
- Duplex Compressors
- Vacuum Pumps, Bore well Pumps
- Refrigerated Air Dryer, Heatless Air Dryer
- Interchangeable highly quality controlled genuine Spare Parts
- After Cooler with Moisture separator,
- Candle filter/Activated Carbon filter
- Chiller

[www.parascompressor.com](http://www.parascompressor.com)  
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An ISO 9001:2015 Company

**(Multi Stage High Pressure Air Cooled/Water Cooled (Optional Inter Cooling)  
for higher performance & longer reliability of moving components)**



Model	Motor H.P.	No. of Cylinder	Piston Displacement C.F.M	Free Air Delivery C.F.M	Max. Pressure PSIG Kg/cm <sup>2</sup>		Air Receiver (ltrs) (hori)
PC-23-231	3	2	7.4	4.8	500	35.15	100/150
PC-23-251	5	2	10.8	6.45	500	35.15	100/150
PC-23-71T4	5	2	13.1	6.4	1000	70.00	200/300
PC-23-7T2	7.5	2	24	14.3	500	35.15	300
PC-23-7T2	10	2	36	23	285	20	300
PC-23-7T2	10	2	31.95	18.35	500	35.15	300
PC-23-7T2	12.5	2	36	29	355	25	300/500
PC-23-7T2	12.5	2	36	21.6	500	35.15	300/500
PC-23-7T2	15	2	40.5	24.3	500	35.15	300/500
PC-23-15T2(SP)	15	3	41.22	34	425	30	500
PC-23-15T2	15	3	35.75	26.6	1000	70	500
PC-23-15T2(SP)	20	3	49.5	42	425	30	500
PC-23-15T2	20	3	49.5	36.9	1000	70	500
PC-23-15T2	15	3	41.2	31.41	500	35.15	500
PC-23-15T2	20	3	49.5	37.7	500	35.15	500
PC-23-20H	20	3	72.68	52	355	25	500
PC-23-25H	25	3	98.5	70	355	25	500
PC-23-15H	15	3	54.50	45	355	25	500

**Duplex Compressor**

Model	Motor H.P.	No. of Cylinder	Piston Displacement C.F.M	Free Air Delivery C.F.M	Max. Pressure PSIG Kg/cm <sup>2</sup>		Air Receiver (ltrs) (hori)
PC-23-15T2 DUPLEX	20+20	3+3	98.8	75.4	500	35.15	500
PC-23-20H DUPLEX	20+20	3+3	145	104	355	25	500
PC-23-25H DUPLEX	25+25	3+3	197	140	355	25	500
PC-23-15H DUPLEX	15+15	3+3	108	81	355	25	500
PC-23-15T2 DUPLEX	15+15	3+3	74.1	56.58	500	35.15	500

**Designed for the PET Industry**

Paras Compressors meets the unique challenges of PET bottle blowing with advanced air compressor technologies tailored to your individual production requirements.

Paras Compressors Multi-stage reciprocating compressors provide the critical performance you need to maximize your productivity.

**Paras Compressors PET compressors provide :**

- Reliable operation in punishing environments
- High efficiency reducing your lifecycle cost
- Robust construction enhances productivity
- Customizable configurations to meet any operational need

**Oil Free- High Pressure Compressor**

Balanced Opposed, Double Acting, Water-cooled, Three Stage Oil Free Compressor

**The Most Power Efficient Low Cost Solution For Pet Blowing Application Industries:**

Pet Bottling, Air Blast Circuit Breakers, Pharmaceuticals, Gas Transmission & Distribution, Defense Establishments, Shipyards, Oil Exploration, Pneumatic Testing, Engine Starting etc

Model	Motor H.P	No. of Cylinder	FAD cfm at 35 kg/cm <sup>2</sup> g	Max .Working Pressure kg/cm <sup>2</sup>
PC-70-40	40	3	110	42
PC-71-50	50	3	137	42
PC-72-60	60	3	165	42
PC-73-75	75	3	195	42
PC-74-100	100	3	236	42
PC-75-120	120	3	295	42
PC-76-150	150	3	354	42
PC-77-180	180	3	425	42
PC-78-215	215	3	510	42

## Single Stage Reciprocating Air- Compressors Specifications

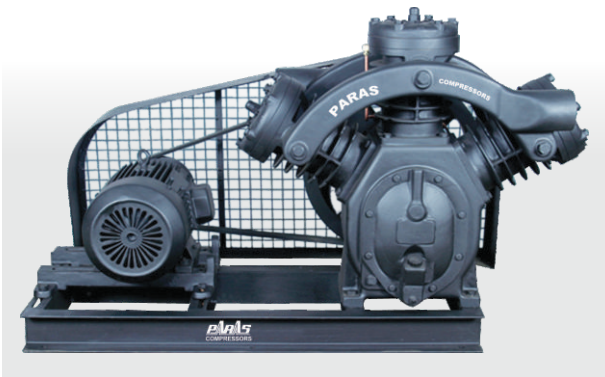


### Application Industries:

Air Jet Cleaning, Diaries, Spray Printing, Chemical Plants, Oil Extraction, Agriculture, Air Lift Pumps, Plastic Processing Units, clay & Potteries, Food, etc.

Model	Motor H.P	No. of Cylinder	Piston Displacement C.F.M	Max. Pressure PSIG	kg/cm <sup>2</sup>	Air Receiver (Liters)
PC-23-S1	1	1	4.12	100	7.00	70
PC-23-SS2	2	2	8.25	125	8.79	70/100
PC-23-SS3	3	2	13.75	125	8.79	100/150
PC-23-235	3	2	14.85	80	5.62	150
PC-23-244	5	2	26.50	80	5.62	200
PC-23-244	7.5	2	34.60	80	5.62	200
PC-23-255	7.5	2	40.00	80	5.62	240/300
PC-23-255	10	2	52.80	80	5.62	240/300
PC-23-7S2	12.5	2	88.00	40	2.81	300
PC-23-115S	15	3	95.40	60	4.21	500
PC-23-15S2	15	3	111.00	40	2.81	500
PC-23-15S2	20	3	148.50	40	2.81	500

## Single & Two Stage Dry Vacuum Pump Specifications, Air Cooled



**Application Industries:** Ceramic/Paper Mill/ Hospitals, Carbon & Asbestos processing etc.

### Vacuum Pump - Single Stage

Model	Motor H.P.	No. of Cylinder	Piston Displacement C.F.M.	Maximum Vacuum
PC-23-235V	2	2	21.6	29" HG
PC-23-244V	2	2	34.6	29" HG
PC-23-255V	5	2	60	29" HG
PC-23-7V	7.5	2	110	29" HG
PC-23-15V	10	3	149.6	29.2" HG

### Vacuum Pump - Two Stage

Model	Motor H.P.	No. of Cylinder	Piston Displacement C.F.M.	Maximum Vacuum
PC-23-235VT	2	2	10.8	29.6" HG
PC-23-244VT	2	2	17.3	29.6" HG
PC-23-255VT	5	2	30	29.7" HG
PC-23-7VT	7.5	2	55	29.6" HG
PC-23-15VT	10	3	99	29.6" HG

## Two Stage Reciprocating Air- Compressors Specifications



### Application Industries:

Pneumatic Press, Road Building Machines, Ceramic, Pneumatic Tools, Ore Processing, Rubber Factories, Steel Fabrication, Automobiles, Foundries, Textiles, Pharmaceuticals, Service stations, etc.

Model	Motor H.P	No. of Cylinder	Piston Displacement C.F.M	Max. Pressure PSIG	kg/cm <sup>2</sup>	Air Receiver (Liters)
PC-23-234	2	2	7.46	175	12.3	150
PC-23-234	3	2	9.74	175	12.3	150
PC-23-2340	3	2	11.25	175	12.3	150
PC-23-242	5	2	17.32	175	12.3	200/250
PC-23-2475	5	2	17.32	175	12.3	200/250
PC-23-2475	7.5	2	22	175	12.3	200/250
PC-23-253	7.5	2	26.4	175	12.3	250/300
PC-23-2545	7.5	2	29.85	175	12.3	250/300/500
PC-23-2545	10	2	37.82	175	12.3	250/300/500
PC-23-2600	10	2	34.42	175	12.3	250/300/500
PC-23-2600	10	2	36	175	12.3	250/300/500
PC-23-71T2	10	2	40	175	12.3	300/500
PC-23-71T2	12.5	2	44	175	12.3	300/500
PC-23-2545	12.5	2	41.8	175	12.3	300/500
PC-23-71T2	15	2	49.5	175	12.3	300/500
PC-23-7100	15	2	54.95	175	12.3	500
PC-23-15T	15	3	68.16	175	12.3	300/500
PC-23-15T	20	3	81.8	175	12.3	300/500
PC-23-7100	20	2	60.44	175	12.3	500
PC-23-25T2	20	3	82.42	175	12.3	500
PC-23-25T2	25	3	104.4	175	12.3	500
PC-23-25T2	30	3	115.4	175	12.3	500

# Screw Compressor Direct Driven



## Technical Data

MODEL	7 BAR FAD CFM	8 BAR FAD CFM	10 BAR FAD CFM	12 BAR FAD CFM	MOTOR POWER HP	DIMENTION (MM)	WEIGHT KG	AIR CONNECTION	NOISE LEVEL	RPM	RATED POWER SUPPLY
PC-23-10D	42	39	32	25	10	860*730*960	223	G3/4"	60-70+2	2945	415V 50Hz 3ph
PC-23-15D	57	53	46	39	15	940*800*1075	315	G1"	60-70+2	2945	415V 50Hz 3ph
PC-23-20D	88	81	74	67	20	940*800*1075	325	G1"	60-70+2	2945	415V 50Hz 3ph
PC-23-25D	113	102	92	78	25	1200*950*1150	455	G1"	60-70+2	2945	415V 50Hz 3ph
PC-23-30D	134	127	113	99	30	1200*950*1150	491	1"	60-70+2	2945	415V 50Hz 3ph
PC-23-40D	184	177	159	134	40	1400*930*1280	566	1.5"	60-70+2	2945	415V 50Hz 3ph
PC-23-50D	240	219	198	173	50	1500*990*1420	695	1.5"	60-70+2	2945	415V 50Hz 3ph
PC-23-60D	258	247	212	198	60	1500*990*1420	745	1.5"	60-70+2	2945	415V 50Hz 3ph
PC-23-75D	353	322	300	269	75	1730*1050*1550	1090	2"	60-70+2	2945	415V 50Hz 3ph
PC-23-100D	477	445	396	353	100	1730*1070*1650	1240	2"	60-70+2	2945	415V 50Hz 3ph
PC-23-120D	569	530	488	435	120	2100*1400*1780	1450	2"	60-70+2	2945	415V 50Hz 3ph
PC-23-150D	742	700	601	541	150	2500*1450*1800	2150	2.5"	60-70+2	2945	415V 50Hz 3ph
PC-23-175D	890	848	742	647	175	2700*1550*1800	2750	2.5"	60-70+2	2945	415V 50Hz 3ph
PC-23-220D	1014	975	869	760	220	2700*1550*1800	3150	2.5"	60-70+2	2945	415V 50Hz 3ph
PC-23-250D	1131	7078	972	876	250	2800*1800*1950	3450	3"	60-70+2	2945	415V 50Hz 3ph
PC-23-300D	1297	1219	1067	982	300	2800*1800*1950	3850	3"	60-70+2	2945	415V 50Hz 3ph
PC-23-350D	1484	1431	1346	1223	350	3250*2100*2300	4250	3"	60-70+2	2945	415V 50Hz 3ph

## Air Dryer

### Refrigerated Air Dryer & Heatless Air Dryer



#### SALIENT FEATURES

- Constant dew point at all varying load.
- Compact design, requires less floor space.
- CFC free, Eco friendly refrigerant used in system.
- Lower power consumption.
- Two stage effective moisture separation.
- Built with necessary protectors for electrical & refrigeration systems.
- Automatic, maintenance free and user friendly.
- Most modern refrigerant system components and pressure switches.

✦ Refrigerated Air Dryers are available up to 50 kg/cm<sup>2</sup>g



	Capacity (CFM)	Working Pressure KG/CM <sup>2</sup> G
PREF-20	20	12/40
PREF-25	25	12/40
PREF-40	40	12/40
PREF-60	60	12/40
PREF-80	80	12/40
PREF-100	100	12/40
PREF-125	125	12/40
PREF-150	150	12/40
PREF-200	200	12/40
PREF-250	250	12/40
PREF-300	300	12
PREF-400	400	12
PREF-500	500	12
PREF-600	600	12
PREF-750	750	12
PREF-1000	1000	12

## Air Cooled Chiller



#### Salient Features

- Skid mounted, compact & ready to install.
- Fully automatic with controls of reputed brands.
- Different options available for cooling module.
- Liberally sized fan and high efficiency Fin & tube condensers.
- Stainless steel storage tank and internals are available.
- Digital temp. indicator for precise operation.
- High pressure & volume pumps suitable for round the clock operation.
- 2 TR to 90 TR



## Screw Compressor

COMPRESSOR MODEL	MOTOR		FAD 8KG/CM2 CFM	FAD 10KG/CM2 CFM	NOISE LEVEL DB	RPM	DEMENTION MM	WEIGHT KG
	KW	HP						
SC-PC-25	18.5	25	102	92	60 - 70 + 2	2945	1380X850X1170	550
SC-PC-30	22	30	127	113	60 - 70 + 2	2945	1380X850X1170	600
SC-PC-40	30	40	177	159	60 - 70 + 2	2945	1380X850X1170	650
SC-PC-50	37	50	219	198	60 - 70 + 2	2945	1500X1000X1320	850
SC-PC-60	45	60	247	212	60 - 70 + 2	2945	1500X1000X1320	900
SC-PC-75	55	75	322	300	60 - 70 + 2	2945	1900X1250X1600	1700
SC-PC-100	75	100	445	396	60 - 70 + 2	2945	2000X1250X1670	1850

## Booster

MODEL	MOTOR		NO OF CYLINDERS	FAD 10 KG/CM <sup>2</sup> INLET PRESSURE	MAX WORKING PRESSURE (KG/CM <sup>2</sup> )
	KW	HP			
BO-PC-10	7.5	10	2	85	35.15
BO-PC-15	11	15	3	100	35.15
BO-PC-20	15	20	3	140	35.15
BO-PC-25	18.5	25	3	200	35.15
BO-PC-30	22	15+15	3+3	200	35.15
BO-PC-40	30	20+20	3+3	280	35.15
BO-PC-50	37	25+25	3+3	380	35.15

NOTE : AVAILABLE IN PRESSURE FROM 10 KG / CM<sup>2</sup> TO 40 KG/CM<sup>2</sup>



An ISO 9001:2015 Company

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