

Screw Compressor Installtion Daigram

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Accessories for system

Quality | Efficiency | Reliability

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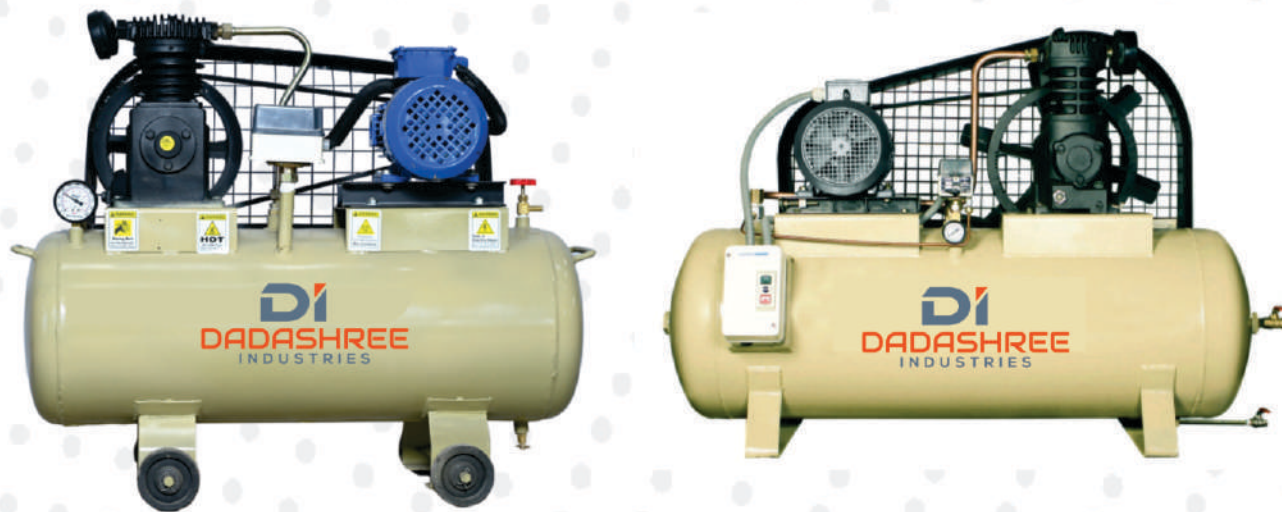
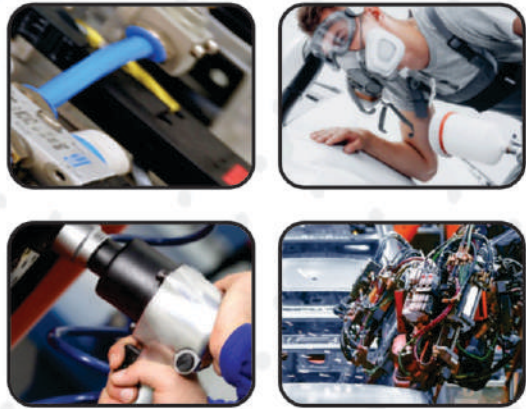
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Single Stage Air Compressor

APPLICATION:

Chemical Industries : Filter Press & Liquid Transfer
Powder Coating Industries
Spray Painting



Model	Piston Disp.		Max. Pressure		Motor H.P.	No of Cyl.	Air Receiver (Ltr)
	CFM	M ³ /H	Kg/.CM ² G	PSIG			
VC 5	2.98	5.05	7	100	0.5	1	45
VC 10/1	3.73	6.32	7	100	1.0	1	70
VC 15/1	6.78	11.49	8.79	125	2.0	1	92
VC 15/2	8.25	13.98	8.79	125	2.0	2	92
VC 30 S	14.85	25.16	5.62	80	3.0	2	150
VC 75 S	23.90	40.50	5.62	80	5.0	2	225
VC 75 S	34.60	58.60	5.62	80	7.5	2	225
VC 00S	52.80	89.50	5.62	80	10.0	2	225
VC 25S	88.00	149.10	2.81	40	12.5	2	300
VC 00S	148.50	251.70	2.81	40	20.0	3	500

Two Stage Air Compressor

APPLICATION:

Textile Industries

- Pneumatic Operations In Spinning,
- Weaving & Processing Industries

Pharmaceutical Industries

- Blister Pack Machines & Tablet,
- Capsule Coating

Dairy Industries

- FFS Machines

Automobile Industries

- Automobile Workshop,
- Cold & Hot Type Remoulding Machines

Plastic Industries

- Blow & Injection Molding Machines

Engineering Industries

- Cleaning & Pneumatic Operation,
- Sand Blasting Machine

Chemical Industries

- Spray dryers & Pneumatic Diaphragm O



Model	Piston Disp.		Max. Pressure		Motor H.P.	No of Cyl.	Air Receiver (Ltr)
	CFM	M ³ /H	Kg/.CM ² G	PSIG			
VC 0 T	7.46	12.64	12.3	175	2.0	2	92/150
VC 0 T	9.79	16.59	12.3	175	3.0	2	150
VC 0 T	17.32	29.35	12.3	175	5.0	2	200
VC 5 T	26.40	44.74	12.3	175	7.5	2	225
VC 100 T	35.00	59.32	12.3	175	10.0	2	300
VC 175 T	44.00	74.60	12.3	175	10.0	2	300
VC 175 T	49.50	83.90	12.3	175	12.5	2	300
VC 175 T	55.00	93.20	12.3	175	15.0	2	300
VC 00 T	68.16	115.53	12.3	175	15.0	3	300/500
VC 00 T	81.8	138.64	12.3	175	20.0	3	500
VC 00 T	87.28	147.93	12.3	175	20.0	3	500
VC 00 T	98.19	166.42	12.3	175	25.0	3	500



INTAKE VALVE

Advance Air Flow Control
System Air Delivery Adjustment Range 0-100%
Balance Air Supply And Air Consumption
Energy Saving



FILTER SYSTEM

Germany Brand Oil Filter
Germany Brand Air Filter
Germany Brand Air Oil Separator
Equipped With Differential Pressure Transducer



AIR END

Large Rotors And Large Bearings To Ensure Low Speed
Linear Screw Rotor
Third Generation 5:6 Male And Female Helical Rotors
Skf Bearings
High Performance, Low Noise, Low Vibration
Outstanding Durability And Long Serving Life



ELECTRICAL COMPONENTS

France Original Schneider Electrical Components
Default Phase Protection
Over Temperature Protection
Idle Load Protection
Automatic Unloading
Automatically Adjust Air Delivery



INTELLIGENT CONTROLLER

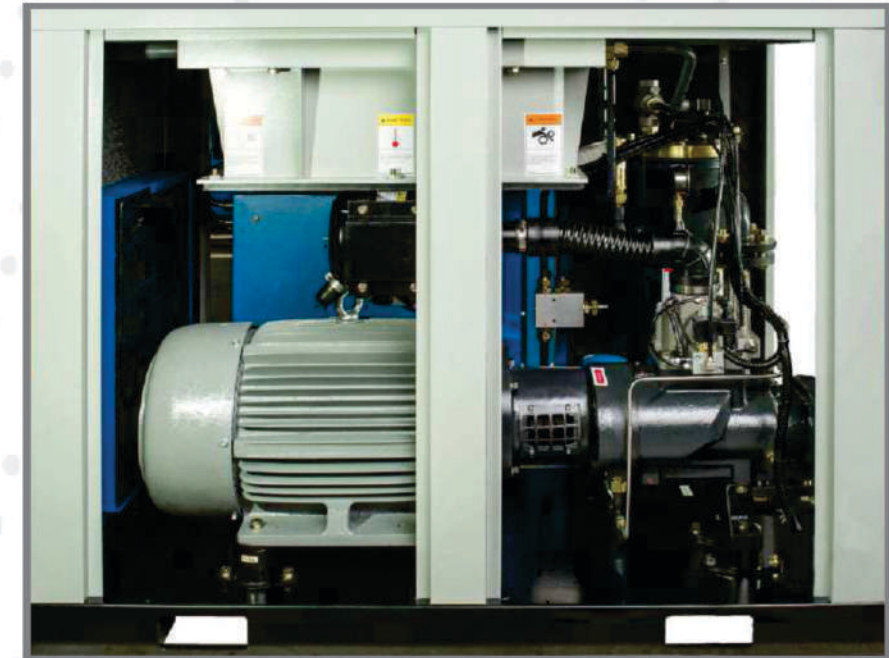
Automatic Reminding For Maintenance & Replacement
Intelligent Human-computer Interface
Automatic Trouble Diagnosis
Automatic Alarm
Communicate With All VFD (Touch+Keypad)



MOTOR

High Efficiency IE3/IE4
Energy Saving
Insulation Grade F
Protection Grade Ip55
Reliable & Long Lasting Durability

Single Stage Screw Air Compressor Fix Speed Series



Model	Power		Flow CFM				Sound dBA	Dimensions L x W x H	Output Connection
	HP	KW	7 Bar	8 Bar	10 Bar	13 Bar			
VC- 10	10	7.5	45	39	33	28	62+-2	900 x 650 x 920	1 1/2"
VC-15	15	11	67	61	54	47	62+-2	940 x 705 x 1120	1 1/2"
VC-20	20	15	86	80	75	57	62+-2	980 x 710 x 1030	1 1/2"
VC-25	25	18.5	113	108	93	75	68+-2	1300 x 785 x 1185	1 1/2"
VC-30	30	22	134	128	114	99	68+-2	1300 x 785 x 1185	1 1/2"
VC-40	40	30	186	178	159	134	72+-2	1570 x 895 x 1295	1 1/2"
VC-50	50	37	238	224	198	175	72+-2	1570 x 895 x 1295	1 1/2"
VC-60	60	45	284	272	252	205	72+-2	1620 X 940 x 1355	1 1/2"
VC-75	75	55	372	360	318	300	75+-2	1850 X 1080 X 1635	2"
VC-100	100	75	480	459	410	354	75+-2	2045 X 1250 X 1705	2"
VC-125	125	90	584	548	516	435	75+-2	2340 x 1480 x 1820	DN 50
VC-150	150	110	760	724	618	575	78+-2	2568 x 1620 x 1985	DN 65
VC-175	175	132	928	884	778	725	78+-2	2568 x 1620 x 1985	DN 65
VC-200	200	160	1024	985	869	762	79+-2	2720 x 1750 x 2125	DN 65

* Free Air Delivery For The Complete Package In Accordance With Iso 1217, At 20°C Ambient Temperature And 1 Bar Absolute Pressure.

* Emitted Sound Pressure Values From 64db(A) According To DIN AN ISO 2151:2009.

* The Company On Product Improvement And Right Of Design Improvement, Parameters Are Subjected To Change Without Prior Notice.

High Pressure Air Compressor



APPLICATION:

Plastic Industries:

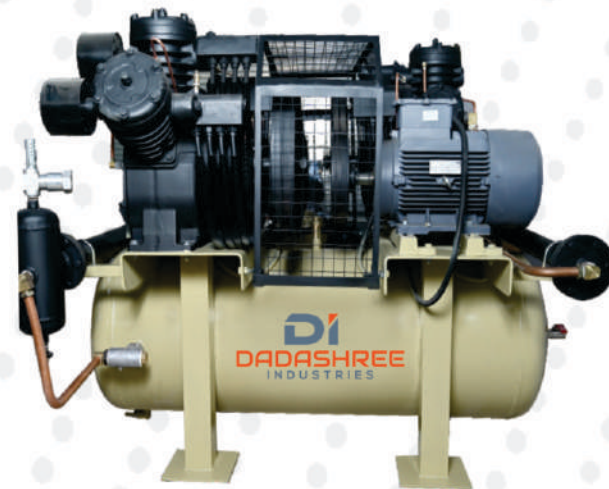
- Pet bottles Manufacturing Units

Power Sector :

- Circuit Breaking / Making In Electricity Board
- Start Up Application For D.G. Sets

Specially Designed Air Compressor for Pet Bottles / Jars manufacturing Units

- High Pressure Air Compressor for Pet Industries.
- More Air @ Less Power
- Power Saver Compressor



Model	Max. Pressure Kg/.CM ² G	PSIG	FAD CFM	Motor H.P.	Air Receiver (Ltr)
AM 30 MS	35	500	4.5	3	150
VC 125 MS	35	500	21	12.5	300
VC 200 MS	70	1000	37	20	500
VC 200 MS (DUPLEX)	70	1000	74	20 X 2	500/750
VC 200 MS - M	25	355	54	20	500
VC 200 MS-M(DUPLEX)	25	355	108	20 X 2	500/750
VC 300 MS - M	25	355	68	25	500
VC 300 MS-M(DUPLEX)	25	355	136	25 X 2	750

Air Dryer & Hopper



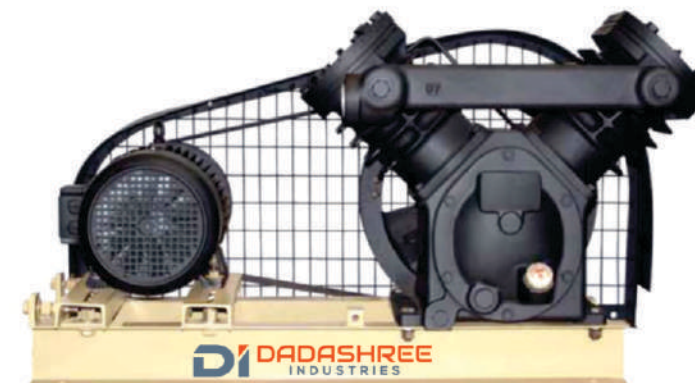
MODEL	POWER	CFM	L x W x H	W	AIR OUTLET	PHASE
10 CFM	1 ampr	10	21" x 14" x 20.5"	30 Kg	1/2" BSP	Single
20 CFM	1.5 ampr	20	26" x 16.5" x 26"	50 Kg	1/2" BSP	Single
40 CFM	2 ampr	40	28" x 18.5" x 28"	60 Kg	1/2" BSP	Single
60 CFM	3 ampr	60	32" x 19" x 26"	65 Kg	1/2" BSP	Single
80 CFM	4 ampr	80	32" x 22" x 33"	70 Kg	1" BSP	Single
100 CFM	4 ampr	100	35" x 26" x 38"	120 Kg	1" BSP	Single
150 CFM	5 ampr	150	35" x 26" x 38"	130 Kg	1.5" BSP	Single
200 CFM	4 ampr	200	45" x 28" x 39"	160 Kg	1.5" BSP	3 PhaseN
250 CFM	4 ampr	250	45" x 28" x 39"	180 Kg	2" BSP	3 PhaseN
300 CFM	4.5 ampr	300	45" x 28" x 39"	200 Kg	2" BSP	3 PhaseN
400 CFM	5 ampr	400	58" x 33" x 43"	300 Kg	2" BSP	3 PhaseN
500 CFM	6 ampr	500	58" x 33" x 43"	350 Kg	2" BSP	3 PhaseN
600 CFM	6.5 ampr	600	65" x 36" x 48"	400 Kg	3" FLANGE	3 PhaseN
750 CFM	7.5 ampr	750	65" x 36" x 48"	450 Kg	3" FLANGE	3 PhaseN
850 CFM	7.5 ampr	850	70" x 42" x 60"	500 Kg	3" FLANGE	3 PhaseN
1000 CFM	9 ampr	1000	80" x 47" x 58"	650 Kg	4" FLANGE	3 PhaseN
1200 CFM	16 ampr	1200	80" x 47" x 58"	700 Kg	4" FLANGE	3 PhaseN
1500 CFM	19 ampr	1500	82" x 50" x 64"	900 Kg	4" FLANGE	3 PhaseN
2000 CFM	22 ampr	2000				



Vacuum Pump

APPLICATION:

- Hospital
- Pharmaceutical Industries
- Medical



Model	Piston Disp.		Max. Pressure		Motor H.P.	No of Cyl.
	CFM	M ³ /H	MM	Inch		
AM 15/1 SV	6.78	11.49	635	25	1.5	1
VC 30 SV	18	30.5	736.6	29	2	2
VC 30 TV	9	15.25	751.8	29.6	2	2
VC 75 SV	32	54.23	753.6	29	3	2
VC 75 TV	16	27.11	753.1	29.6	3	2
VC 100 SV	60	101.69	736.6	29	5	2
VC 100 TV	30	50.85	754.4	29.7	5	2
VC 125 SV	99	167.8	736.6	29	7.5	2
VC 125 TV	49.5	83.9	753.1	29.65	7.5	2
VC 200 SV	133	225	741.7	29.2	10	3
VC 200 TV	88.6	150	753.1	29.65	10	3