



# Air Compressor

# INDUSTRIAL PISTON AIR COMPRESSOR

THE BEST SOLUTION FOR YOUR INDUSTRY



# FEATURES

®



## 1. FULLY AIR COOLED DESIGN

Eliminates the requirement of Cooling tower & increases efficiency.



## 3. IMPORTED PISTON RINGS

For more than 2 years of long life.



## 4. HEAVY DUTY CYLINDERS

Bored with super precision and special process that ensures negligible wear for great durability.



## 5. STANDARD QUALITY AIR RECEIVERS

On which intense hydro test is done to ensure safety for our customers & their Operators.



# LOW PRESSURE COMPRESSOR

COMPRESSOR MODEL	MOTOR HP	NO. OF CYLINDERS	PISTON DISPLACEMENT CFM	MAXIMUM PRESSURE (kg/cm <sup>2</sup> g)	AIR RECEIVER (Ltrs.)
335	3/5	2	14.85/20	5.62	150/225
344	5/7.5	2	26/34	5.62	250/300
355	7.5/10	2	40/52.8	5.62	250/300
107S2	12.5/15	2	88/95	2.81	300/500
115S2	15/20	3	99/132	2.81	500

## Model: SME 10

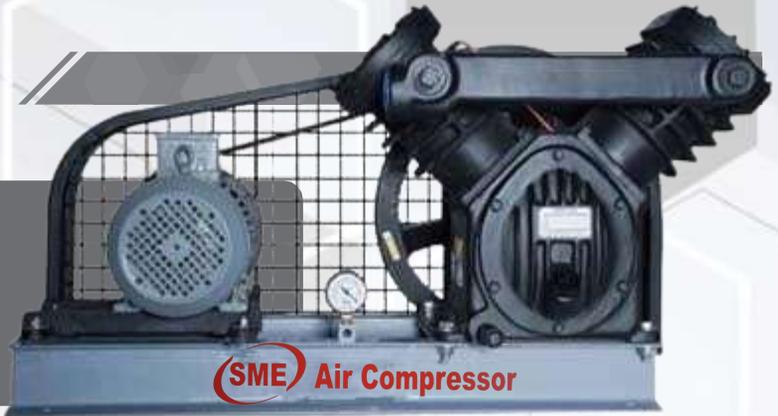
10 HP delivers 24 cfm @ 12 kg/c  
 Very Low Maintenance.  
 Air Cooled Design.  
 Low Vibration & Low Noise.  
 Built for Long Life.



# MEDIUM PRESSURE COMPRESSOR

MODEL	HP	RPM	CYLINDERS	PD	FAD	psig	kg/cm <sup>2</sup> g	(Ltrs.)
SME2	2/3	600/900	2	8.25/13.75	5/8.35	125	8.78	100/150
SME 34	2/3	866	2	7.46/9.79	5.63/6.93	175	12.3	150/225
SME 42	5	866	2	17.32	13.02	175	12.3	250/300
SME 53	7.5	660	2	26.40	19.90	175	12.3	250/300
SME10	7.5/10	880	2	29.8/37.8	24.41/30	175	12.3	300/500
SME 71T2	10/12.5/15	750/950/1050	2	40/49/55	31/38/42	175	12.3	300/500
SME 15T	15/20	675/900	3	63/81	45/60	175	12.3	500
SME 25T	20/25	900	3	99	77	175	12.3	500

# VACUUM PUMPS



**Model: V355**

5 HP delivers 60 cfm @29"Hg.  
Low Maintenance  
Low Vibration & Low Noise.  
Built for Long Life.

## SINGLE & TWO STAGE DRY AIR VACUUM PUMPS

MODEL NO	MOTOR HP	NO. OF CYLINDERS	PISTON DISPLACEMENT CFM	MAXIMUM PRESSURE
V335	1.5	2	21.60	29.00
V335T	1.5	2	10.80	29.60
V344	2.0	2	34.60	29.00
V344T	2.0	2	17.30	29.65
V355	5.0	2	60.00	29.00
V355T	5.0	2	30.00	29.70
107V	7.5	2	110.00	29.00
107VT	7.5	2	55.00	29.65
115V	10.0	3	149.60	29.20
115VT	10.0	3	99.00	29.65

## AIR DRIERS



Refrigerated Air Driers  
Compact & Innovative Design.  
Low Energy Consumption  
Constant Dew Point.  
Low Maintenance and Easy to Service.

### GENUINE SPARES AND SERVICES

For enhancing performance and productivity. Our commitment for Best After Sales Services & Technical Support to run your plant 24 hours a day, 365 days per year, we maintain a large inventory of replacement parts for same day dispatch.



# PET - AIR SERIES

## HIGH PRESSURE COMPRESSOR

COMPRESSOR MODEL	MOTOR HP	COMPRESSOR RPM	NO. OF CYLINDERS	CFM		Maximum Pressure		AIR RECEIVER (Ltrs.)
				PD	FAD	psig	kg/cm2g	
SME 331	3.00	866	2	7.40	4.80	500	35	150
SME 7T2	7.50	550	2	24.75	14.50	500	35	300/500
SME 17T2	12.50	900	2	36.00	21.60	500	35	300/500
SME 15T2	15.00	675	3	41.25	31.41	500	35	300/500
SME 115T2	20.00	900	3	49.50	37.00	640	35	300/500
SME 115TH	20.00	825	3	75.00	52.00	355	25	300/500
SME125TH	25	900	3	99.00	70.00	175	12.3	500



### Model: SME 15T2

20 HP delivers 37 cfm @35 kg/cm<sup>2</sup>  
 Water Cooled after Cooler  
 Low Maintenance.  
 Robust Quality for Long Life.

### Model: SME 115Th Duplex

40 HP delivers 104 cfm @25 kg/cm<sup>2</sup>  
 Low Space Consumption.  
 Water Cooled After Cooler.  
 Robust Quality for Long Life.



## TECHNICAL SPECIFICATIONS

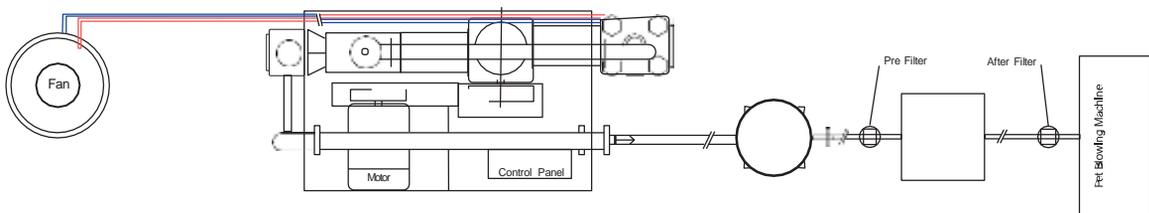
COMPRESSOR MODEL	MOTOR		MAXIMUM PRESSURE	FREE AIR DELIVERY @35 Kg /cm <sup>2</sup>		DIMENSION (cm)	WEIGHT APPROX kg.
	kw	hp		m <sup>3</sup> /min	cfm		
SMEO42/40	30	40	42	3.11	110	302 X 127 X 223	2500
SMEO42/50	37	50	42	3.82	135	302 X 127 X 223	2500
SMEO42/60	45	60	42	4.53	160	302 X 170 X 200	3500
SMEO42/75	55	75	42	5.52	195	302 X 170 X 200	3500
SMEO42/100	75	100	42	7.65	270	406 X 187 X 266	6000
SMEO42/120	90	120	42	9.17	324	406 X 187 X 266	6500
SMEO42/150	110	150	42	11.47	405	406 X 187 X 266	6500
SMEO42/180	132	180	42	13.76	486	406 X 187 X 266	7000
SMEO42/215	200	270	42	15.86	560	406 X 187 X 266	7000
SMEO42/270	200	270	42	20.64	729	406 X 264 X 266	11,000
SMEO42/335	250	335	42	27.18	960	406 X 264 X 266	11,000

Above models are available with VFD

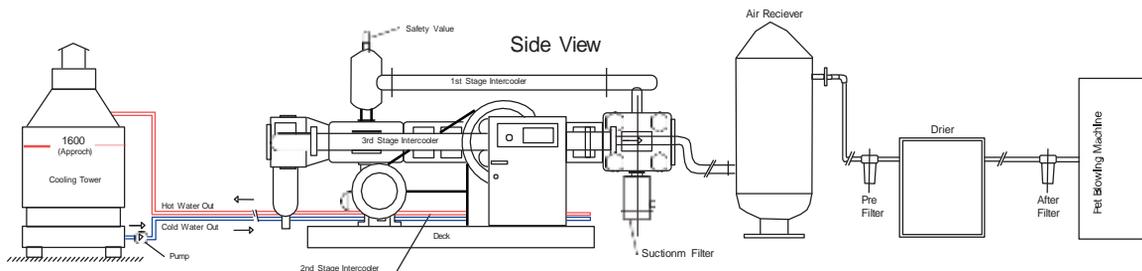
For higher capacities than above models kindly contact us.

### General Arrangement

Top View



Side View



# SCREW COMPRESSOR SPECIFICATION

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## 1. SEAMLESS PIPELINES

We use Seamless, long life Pipelines instead of short-lived Hosepipes, which eliminates oil Leakages.

## 3. OIL FILTRATION SYSTEM

High efficiency two stage oil filtration system in which oil is initially separated by Centrifugal force and minimal oil remains are then separated by separator element.

## 2. PLC

Advanced microprocessor based control system with features such as online pressure, temperature and current measurement, safety settings, online maintenance indications. It also has a unique fan control system which eliminates use of thermostats in the compressor.





#### **4. CONTROL PANEL**

Control Panel / starter has been put in the cold zone which ensure long life operation. Switchgears are also made of Siemens or standard quality.



#### **5. HIGH CAPACITY DUAL AIR FILTER**

Big Size, High efficient , dual filtering stage suction Air Filter for Dusty Environment of India with prefilters.



#### **6. AIR & OIL COOLER**

Based on the Hot Climate of India, we provide Big size, high efficient Air & Oil Cooler which increases the durability of the Compressor.



#### **7. ENERGY SAVING SINGLE SHAFT DESIGN**

Upto CSD 30 we have every saving single shaft design which is maintenance free coupling, which reduces number of components needed in gear drive, increasing reliability and durability through elimination of wear & transmission loss.



# TECHNICAL SPECIFICATION

## STANDARD FIXED SPEED MODELS

COMPRESSOR MODEL	MOTOR		FAD @ 8kg/cm <sup>2</sup>	FAD @ 10kg/cm <sup>2</sup>	SOUND LEVEL	COMPRESSOR RPM	DIMENSION LWH	WEIGHT
	kW	HP	CFM	CFM	DB		INCHES	
CTSD 7.5	5.5	7.5	26	24	68	2900	34 X 26 X 44	400
CTSD 10	7.5	10	40	35	68	2900	34 X 26 X 44	400
CTSD 15	11	15	64	55	68	2900	36 X 30 X 43	400
CTSD 20	15	20	85	77	70	2900	36 X 30 X 43	450
CTSD 25	18.5	25	110	100	71	2900	49 X 30 X 51	550
CTSD 30	22	30	135	114	72	2900	49 X 30 X 51	550
CTSD 40	30	40	185	172	72	2900	57 X 35 X 58	750
CTSD 50	37	50	232	215	73	2900	57 X 35 X 58	800
CTSD 60	45	60	275	254	74	2900	73 X 42 X 67	960
CTSD 75	55	75	356	321	75	2900	73 X 42 X 67	1150
CTSD 100	75	100	490	450	76	2900	79 X 47 X 65	1400
CTSD 120	90	120	554	543	76	2900	79 X 58 X 70	1900
CTSD 150	110	150	-	670	76	2900	92 X 59 X 73	2400
CTSD 180	132	180	-	773	76	2900	92 X 61 X 75	2500
CTSD 215	160	215	-	830	77	2900	99 X 65 X 78	3200
CTSD 250	185	250	-	1002	79	2900	110 X 70 X 85	3700
CTSD 300	220	300	-	1323	79	2900	110 X 70 X 85	4100
CTSD 335	245	335	-	1440	79	2900	110 X 70 X 85	4500

## TYPICAL COMPRESSED AIR SUPPLY SYSTEM



# OUR CUSTOMERS

**SME** Air Compressor

More And More  
Users Trust *Sme Air  
compressor* Every  
Year To Fulfil Their  
Compressed Air  
Needs



SALES  
&  
SERVICE  
NETWORK  
ALLOVER  
INDIA

- ISO 9001:2015 REGISTERED COMPANY.
- START UP INDIA REGISTERED.
- MSME REGISTERED .
- GEM REGISTERED.



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