



# INDUSTRIAL PISTON AIR COMPRESSORS

Maximum Uptime, Minimum Maintenance



## ABOUT US:

SIGMA AIR SOURCE was established in the year 2013. The company manufactures complete range of Air Compressors & Vacuum Pumps From 0.5 HP to 200 HP. We are a team of technically qualified engineers having vast experience in the field of compressed air technology.

## Medium Pressure Reciprocating Air Compressor



2 HP to 30 HP, Up to 12 Bar

COMPRESSOR MODEL	MOTOR HP	NO. OF CYLINDERS	PD CFM	MAXIMUM PRESSURE kg/cm <sup>2</sup>	AIR RECEIVER (Ltrs.)
SAS-1234	2/3	2	7.46/9.79	12.3	100/150
SAS-12340	3	2	9.79	12.3	150
SAS-1242	5	2	17.32	12.3	200
SAS-12475	5/7.5	2	17.32/22	12.3	225
SAS-1253	7.5	2	26.4	12.3	225
SAS-12545	10	2	37.8	12.3	225/300
SAS-12600	10	2	30	12.3	300
SAS-171T2	10/12.5	2	40/49	12.3	300/500
SAS-17100	12.5/15	2	55/60	12.3	300/500
SAS-115T	15/20	3	63/81	12.3	500
SAS-125T	20/25	3	99/110	12.3	500
SAS-13000	30	3	95.6	12.3	500

### IDEAL FOR:

Automotive maintenance/repair shops and body shops, machine shops, production and manufacturing lines, construction, wood working shops, dry-cleaners, car washes and farms.

## High Pressure PET Air Compressor

COMPRESSOR MODEL	MOTOR HP	NO. OF CYLINDERS	PD CFM	MAXIMUM PRESSURE kg/cm <sup>2</sup>	AIR RECEIVER (Ltrs.)
SAS-1231	3	2	7.4	35	150
SAS-17T2	10	2	24.75	35	300
SAS-17T2	12.5	2	36	35	300
SAS-115T2	20	3	49.5	35	500
SAS-115H	20	3	68	25	500
SAS-125H	25	3	81.80	25	500



3 HP to 25 HP, Up to 42 Bar

### IDEAL FOR:

Power generation plant, PET blow moulding industry, military, diving and component testing.

## Typical Air Supply System



# Vacuum Pumps

## Single and Two Stage Dry Type



1.5 HP to 10 HP

### IDEAL FOR:

In chemical, printing, plastics, materials handling, food processing, packaging, health care industries.

COMPRESSOR MODEL	MOTOR HP	NO. OF CYLINDERS	PD CFM	VACUUM (Hg) INCH
SAS-1235V	1.5	2	21.6	29
SAS-1235 VT	1.5	2	10.8	29.6
SAS-1244V	2	2	34.6	29
SAS-1244 VT	2	2	17.3	29.6
SAS-1255V	5	2	60	29
SAS-1255 VT	5	2	30	29.6
SAS-17V	7.5	2	110	29
SAS-17VT	7.5	2	55	29.65
SAS-115V	10	3	149.6	29.2
SAS-115 VT	10	3	99	29.65

THESE BASE PLATE MOUNTED PUMPS ACHIEVE VACUUM UP TO 737 mm (29.00" Hg) FOR SINGLE STAGE UP TO 754.4 mm (29.7" Hg) FOR TWO STAGE CONFIGURATION, AT SEA LEVEL.

# BOOSTER COMPRESSOR

## For PET Industries

COMPRESSOR MODEL	MOTOR HP	NO. OF CYLINDERS	FAD @ 10 kg/cm <sup>2</sup> INLET PRESSURE CFM	MAXIMUM PRESSURE kg/cm <sup>2</sup>
SAS-12B	12.5	2	92	40
SAS-15B	15	2	110	40
SAS-20B	20	3	150	40
SAS-25B	25	3	200	40
SAS-30B	30	3	225	40

Air booster compressor takes pre-compressed air from an existing low-pressure compressor and increase it to the higher pressure. Sigma Air Source's Booster elevated inlet pressures of 10 kg/cm<sup>2</sup> and boosts that pressure up as far as 40 kg/cm<sup>2</sup>.



12.5 HP to 30 HP

# SIGMA ACCESSORIES

## AIR DRYERS



Capacity: 20 – 2000 cfm  
Working Pressure: 4 – 60 Bar

## LINE FILTERS



Capacity: 10 – 2000 cfm  
Working Pressure: 4 – 60 Bar

## AIR RECEIVERS



Capacity: 150 – 5000 Ltrs.  
Working Pressure: 4 – 60 Bar

## OIL FREE MEDIUM PRESSURE Vertical Single Stage Air Compressors



15 HP to 30 HP

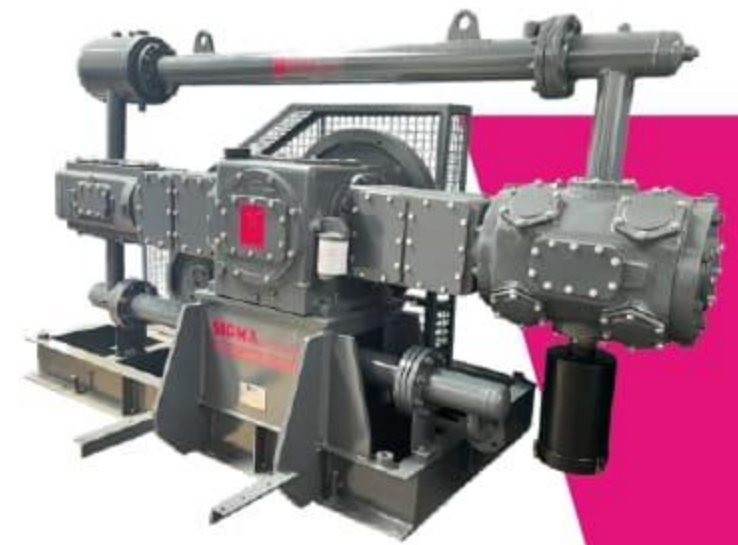
COMPRESSOR MODEL	MOTOR HP	CFM @7kg/cm <sup>2</sup>	CFM @9kg/cm <sup>2</sup>
SAS-160V	15	60	42
SAS-185V	20/25	86/100	70/84
SAS-210V	25/30	114/136	95/112

### BENEFITS

- ▶ 100% Oil free air.
- ▶ Ideal for heavy duty continuous 24 x 7 operation.
- ▶ Sustainable designs for decades.
- ▶ Service friendly.
- ▶ Advanced PLC for controlling.
- ▶ Lowest life Cycle Cost.
- ▶ Easy and simple operations.

## OIL FREE MEDIUM PRESSURE Horizontal Two Stage Air Compressors

COMPRESSOR MODEL	MOTOR HP	CFM @7kg/cm <sup>2</sup>	CFM @10kg/cm <sup>2</sup>
SAS - 210X115	30/40	158/223	122/189
SAS - 250X160	50/60	273/332	214/283
SAS - 310X185	75/100	412/524	324/472
SAS - 320X185	120	644	576
SAS - 370X220	150/180	817/922	682/819
SAS - 470X280	215	1182	955



30 HP to 215 HP

## OIL FREE HIGH PRESSURE Air Compressors

COMPRESSOR MODEL	MOTOR HP	PRESSURE Kg/cm <sup>2</sup>	CFM
SAS - 140X115X75	25	24-32	55
SAS - 185X140X75	40	24-32	114
SAS - 185X140X75	50	35-42	132
SAS - 250X160X85	60/75	35-42	155/196
SAS - 320X185X115	120	35-42	300
SAS - 320X220X115	180	35-42	407

### IDEAL FOR:

Production of PET bottles, containers for home care / cosmetic products, food products, pharmaceutical products.

WE HAVE AN EXPERT TEAM TO SERVICE HIGH PRESSURE OIL FREE PET COMPRESSORS.

### OFFICE & WORKS:

Plot no. 62/12, road 'C', besides Gujarat Foundries, Phase-1, Vatva GIDC, Ahmedabad – 382445.

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