

# **COMPTECH**

World Class Quality Product



## **Rotary Screw Air Compressor**

- ➔ **Vibration Free, Quieter Operation.**
- ➔ **Low maintenance Cost.**
- ➔ **Simple maintenance.**
- ➔ **Design for heavy duty & Continuous Operation for Indian dusty & hot climate.**
- ➔ **World class quality at fair price.**



[www.comptechcompressor.com](http://www.comptechcompressor.com)



Low first cost, Low running cost, Low on maintenance

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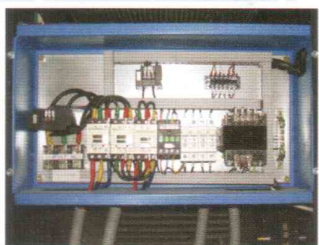
#### Intake Valve

Integrated new generation intake valve with blow down valve controls the compressor capacity to meet the requirements for the air use. Inbuilt check valve keeps closed to avoid oil backflow while emergency stop.



#### PLC Controller

Advanced microprocessor based control system ensure trouble free operation, multi compressor controls, on line pressure, temperature & current measurement system (Unique features) & safety settings, on line maintenance indications. The controller has fan control system (which is unique) which eliminates use of thermostats in the compressor. Easy to access system



#### Control Panel

Control Panel / starter has been put in the cold zone ensure long life operation. Switchgears are of ABB/Siemens or standard make

#### CTSD Series

#### One-to-One Direct Drive Screw Air Compressor

At low speed 2950 RPM Larger Air end are more efficient then high speed Air ends, delivering more compressed air for same drive power, Lower speed means increased efficiency and durability with reduced compressed air cost, Less wear & less maintenance cost.

#### Energy saving One to One Direct Drive

one to one direct drive by maintenance free coupling reduces number of components needed in gear drive, increasing reliability and service life through elimination of wear & transmission losses.

#### Energy Saving Low speed 2950 RPM Air end.

Low speed larger air end are more efficient than high speed air ends, delivers more compressed air for the same drive power.



**Oil & Air**  
Over sized  
tempreture

**Air filter**  
Over sized  
Air filter for

**Electric m**  
High effici  
TEFC Elect

**Air-Oil Co**  
Thermostat  
which elimi

**Pipelines**  
MS life long  
leakages

**Oil Separat**  
Two stage  
initially separ  
centrifugal f  
to be remov  
from the seg

more  
**air**  
for less **POWER**

CTSD 30 AIR BASE MOUNTED COMPRESSOR

**Designed for Indian Dusty & Hot Climate**

Compressor Model	Motor		FAD @ 8 kg / cm <sup>2</sup>	FAD @ 10 kg / cm <sup>2</sup>	Sound Level	Drive	RPM	Dimension L W H	Weight
	kw	hp	cfm	cfm	dB	Direct 1:1 or Belt		(inches)	kg.
CTSB 10	7.5	10	40	35	68	Belt	2600/3000	28 x 34 x 48	450
CTSB 15	11	15	64	55	68	Belt	3200/3500	28 x 34 x 48	500
CTSB 20	15	20	88	77	70	Belt	2700/3000	47 x 32 x 54	500
CTSB 25	18.5	25	110	96	71	Belt	3200/3600	47 x 32 x 54	532
CTSB 30	22	30	130	114	72	Belt		47 x 32 x 54	532
CTSB 40	30	40	172	158	72	Belt		56 x 34 x 56	750
CTSD 30	22	30	-	114	72	1:1 Direct	2900	56 x 34 x 56	550
CTSD 40	30	40	-	158	72	1:1 Direct	2900	56 x 34 x 56	750
CTSD 50	37	50	-	215	73	1:1 Direct	2900	56 x 34 x 56	800
CTSB 60	45	60	-	254	74	1:1 Direct	2900	75 x 49 x 62	960
CTSD 75	55	75	-	321	75	1:1 Direct	2900	75 x 49 x 62	1150
CTSD 100	75	100	-	421	76	1:1 Direct	2900	75 x 52 x 65	1400
CTSD 120	90	120	-	543	76	1:1 Direct	2900	79 x 58 x 70	1900
CTSD 150	110	150	-	670	76	1:1 Direct	2900	92 x 59 x 73	2400
CTSD 180	132	180	-	773	76	1:1 Direct	2900	92 x 61 x 75	2500
CTSD 215	160	215	-	830	77	1:1 Direct	2900	99 x 65 x 78	3200
CTSD 250	180	250	-	1002	79	1:1 Direct	2900	110 x 70 x 85	3700
CTSD 300	220	300	-	1323	79	1:1 Direct	2900	110 x 70 x 85	4100
CTSD 335	245	335	-	1440	79	1:1 Direct	2900	110 x 70 x 85	4500

Above models are available upto 12 kg. pressure

#### Cooler

High efficient Oil & Air Cooler keep compressor cool even at 45 Ambient temperature.

High efficient dual filtering stage Suction dusty environment

#### Motor

IP 55, F Class Insulation, S1 Duty, 3 phase motor.

#### Fan

Electrically controlled fan, It ensures ideal cooling & reduces use of thermostats valve in the compressor.

Pipelines instead of hosepipes eliminates oil & no need to replace hosepipes often.

#### Separation system

Separation system in which oil is separated from the compressed air by centrifugal force and only minimum oil remains in the air. Oil is captured by separator element, Oil carryover in the compressed air is limited to 1-3 PPM.



#### Drive

V belt drive guarantees minimum maintenance & extended services life time compare to gear drive.



CTSB 20 TANK MOUNTED AIR COMPRESSOR



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World Class Quality Product

## About the Company

With the experience, knowledge and know-how that has been accumulated over past 25 years in Compressor Industry, COMPTECH Equipments Limited has been able to design & manufacture excellent performance, high efficiency, high reliability and low vibration Air Compressors. Our range of Compressors varies from 2 HP to 400 HP and Maximum working pressure upto 70 kg in both LUBRICATED and OIL FREE configuration. Specialization in Rotary Screw and Reciprocating Oil free High Pressure technology and world- wide sales activity is our key to success. We are dedicated to continual R & D in our products. We are professionally managed company with state of the art production facility, we subscribe to long term relationships with the client. We are innovative, flexible and committed to our customers requirements.

## Quality commitment

We herewith promise complete satisfaction to all COMP-TECH product users in lieu of what they've spent on it. our whole system is quality oriented, weather it is a single piece or a large consignment.

We never cut corners to save some money, never escape processes & testing to save time, never use inferior material and never indulge in unfair dealings to garner undue profits. It's our aim to give highest quality at fair price, because we know that 'long-lasting performance' of our product is the only formula for our survival and success.

## Our Range of Product :



High Pressure Compressor  
for oxygen plant



Oil Free Compressor  
Package For Pet Blowing



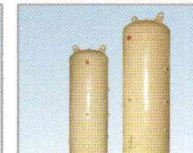
Oil Free, Single Stage  
Vertical Air Compressor



Oil Free Air Cooled  
Air Compressor



Air Cooled Piston  
Air Compressor



Air Receiver &  
After Cooler



Refrigerated  
Air Dryer

A proven quality from :

**COMP-TECH EQUIPMENTS LTD.**

Naroda Road, Ahmedabad-380 025 (INDIA)

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