

COMPTECH[®]
WORLD CLASS COMPRESSOR

Since - 1966

OIL FREE AIR COMPRESSORS FOR PET INDUSTRY

THE BEST SOLUTION FOR YOUR PET INDUSTRY



30 kw - 250 kw / 40 HP - 335 HP

www.comptechcompressor.com

ABOUT US



Comptech Equipments Limited (CEL), established in 1966 is an ISO 9001:2008 Company, which designs and manufactures most reliable energy efficient wide range of Air Compressors with a vision to provide Compressed Air Solution to Everyone, Everywhere.

CEL has experienced continued growth over the years with the help of Continuous R & D and over the edge **Customer Satisfaction**. We have expanded its state-of-the-art manufacturing facility to an area of **10,000 sq. meter** at Zak industrial zone on outskirts of **Ahmedabad (Gujarat, India)**.

Small Recip Division



ADVANCED TECHNOLOGY

Technology has always been our strength in India as our products are always equipped with the latest technologies to make sure our customers always get to have World Class Quality Products to compete effectively with their rivals.

DECADES OF EXPERIENCE

With Decades of Experience comes a reliable knowledge. We at CEL know what our customers need before they know it, as a result, our customers completely trust us with the Products we provide them, without any distrust.

Rotary Screw Division





Large Oil Free Recip Division



CUSTOMER SATISFACTION

Since its foundation in 1966, CompTech has focused on delivering the best of experience and world class standards to its stakeholders. We believe that a Satisfied Customer is the best business strategy of all, which has enabled us to have a continuous Growth over the Years.

ROBUST DESIGN

With State of the Art Manufacturing Unit, we have all the equipment to make sure the Quality of each and every product is upto our standards and are insensitive to variations. Getting a standard quality a products have led us to be the Leading brand in the PET Industry.

Air Receiver Division



SPECIFICATION



SLIENT DESIGN INTAKE FILTER

CTBO series inlet filters are amongst the largest on the market for comparable flow-rates. What's more, they are super-silenced and firmly mounted and their dust filtration level is up to an impressive 3microns.



About
35%
Energy Savings



LOW VIBRATION

CTBO Series Compressors have the least vibrations, which leads to no foundation and cheap installation. Also, due to low Vibrations, the compressors get a longer life.



PREMIUM EFFICIENCY IE3 MOTOR

Best in Class High Efficiency IE3 Motor for better performance and energy savings

HIGH EFFICIENCY VALVES

Premium quality Valve assembly designed to last long which requires Annual one time maintenance only, without losing its efficiency.



PISTON AND PISTON RINGS

Highly self lubricated PTFE Piston ring, rider ring and Piston and rod packing rings, specially developed to deliver highly efficient Guaranteed 100% Oil Free Air.



SMART CONTROL PLC

The Smart Control Advanced microprocessor based system with a color screen display all the necessary details, Such as live pressure, temperature, current measurement, maintenance indications and all the safety settings with faults history.





100% OIL - FREE AIR



**SIMPLE & EFFICIENT
DESIGN**



ENERGY SAVINGS



**LOW
MAINTENANCE
COSTS**

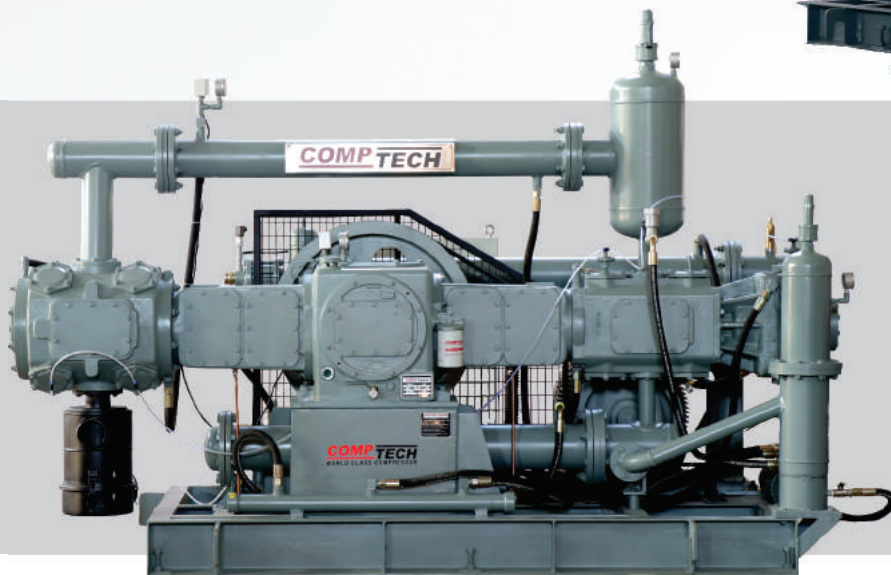
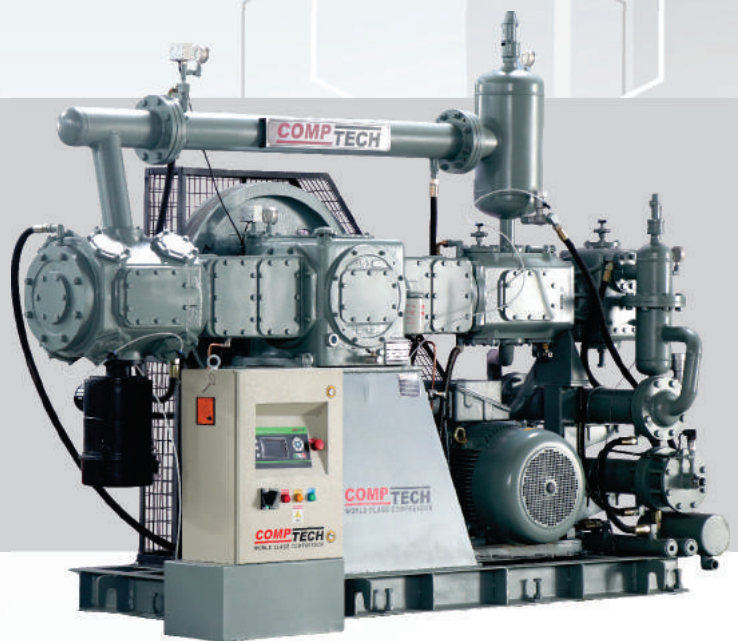


**SUSTAINABLE
DESIGN FOR DECADES**



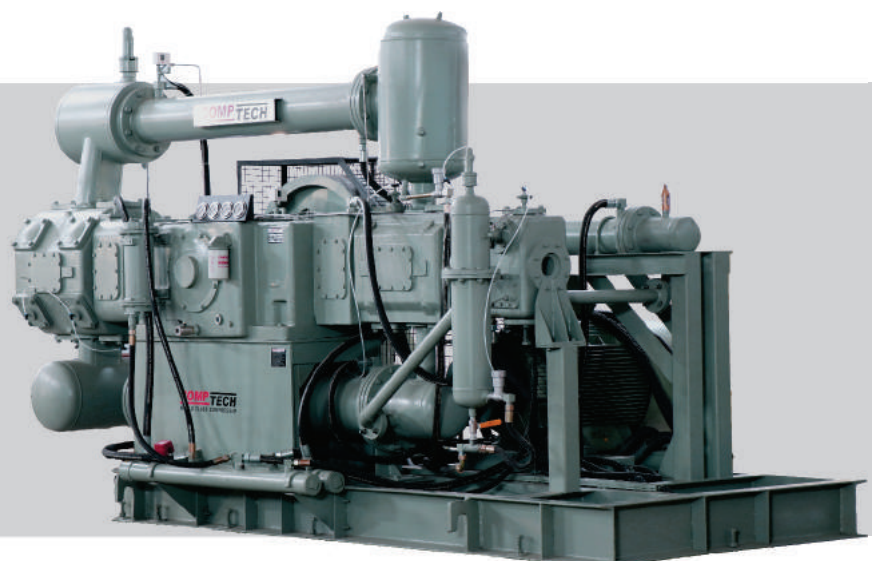
CTBO SERIES

Model :
CTBO 42 - 40
&
CTBO 42 - 50
Max Pressure 42 bar



Model:
CTBO 42 - 60
&
CTBO 42 - 75
Max Pressure 42 bar

Model:
CTBO 42 - 120
&
CTBO 42 - 215
Max Pressure 42 bar

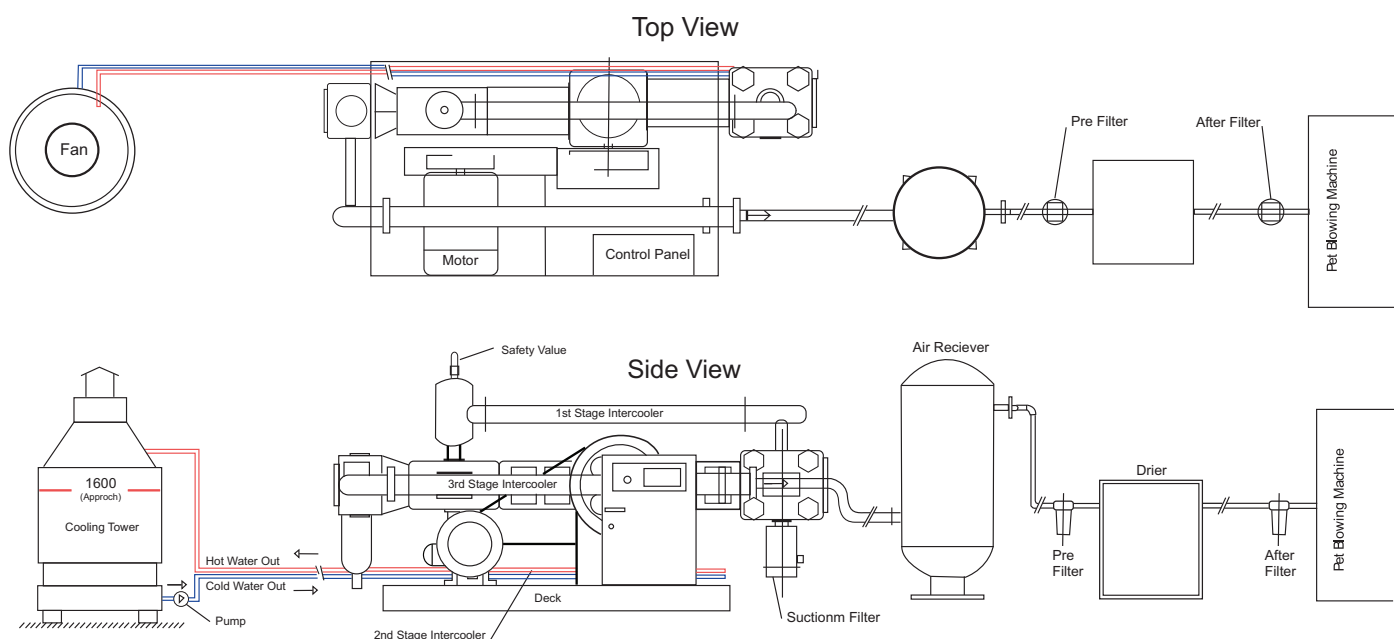


TECHNICAL SPECIFICATIONS

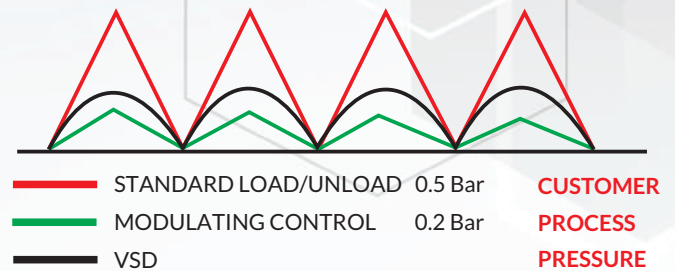
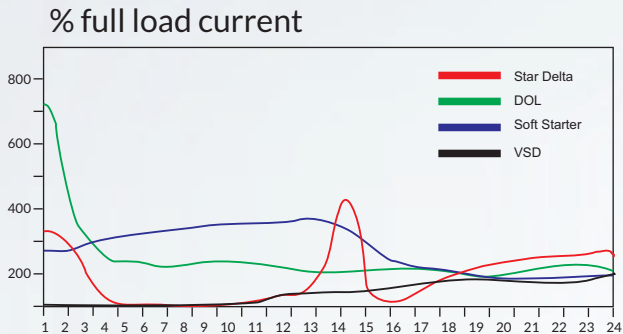
COMPRESSOR MODEL	MOTOR		MAXIMUM PRESSURE	FREE AIR DELIVERY @35 Kg / cm ²		DIMENSION L W H (cm)	WEIGHT APPROX kg.
	kw	hp		m ³ /min	cfm		
CTBO42/40	30	40	42	3.11	110	302 X 127 X 223	2500
CTBO42/50	37	50	42	3.82	135	302 X 127 X 223	2500
CTBO42/60	45	60	42	4.53	160	302 X 170 X 200	3500
CTBO42/75	55	75	42	5.52	195	302 X 170 X 200	3500
CTBO42/100	75	100	42	7.65	270	406 X 187 X 266	6000
CTBO42/120	90	120	42	9.17	324	406 X 187 X 266	6500
CTBO42/150	110	150	42	11.47	405	406 X 187 X 266	6500
CTBO42/180	132	180	42	13.76	486	406 X 187 X 266	7000
CTBO42/215	200	270	42	15.86	560	406 X 187 X 266	7000
CTBO42/270	200	270	42	20.64	729	406 X 264 X 266	11,000
CTBO42/335	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



POWER SAVINGS WITH VSD



LOW STARTING CURRENT

VSD ensures there will be no high current peak at the startup, as current increases gradually, which eliminates the use of heavy equipments to withstand the peaks.

CONSTANT OUTLET PRESSURE

Because of the narrow pressure band, the consumption at the peaks are omitted in comparison with Star Delta controls. This reduces energy consumption and provides a stable pressure.

HIGH SAVINGS UNDER FLUCTUATING REQUIREMENT

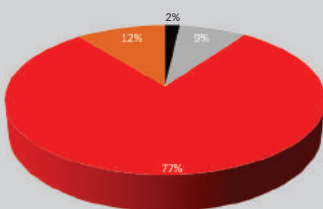
During Low requirement, VSD reduces the speed of motor resulting in low energy consumption. The compressor will consume just the energy for the required air it produces.

LOW MAINTENANCE

Due to VSD, the average RPM of the compressor also reduces, which means lesser wear & tear and results into less maintenance.

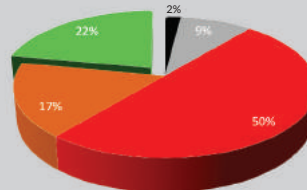
POWER SAVINGS WITH VFD

STANDARD COMPRESSOR



- Installation: 2%
- Maintenance: 9%
- Investment: 12%
- Energy consumption: 77%

INVERTER COMPRESSOR



- Installation: 2%
- Maintenance: 9%
- Investment: 17%
- Energy consumption: 50%
- Savings: 22% (overt 5 years)



SOME OF OUR COSTOMERS



Indian Railways



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.

OUR CUSTOMERS



SALES &
SERVICE
NETWORK
ALL OVER
INDIA

More And More
Users Trust
Comptech Every Year
To Fulfil Their
Compressed Air
Needs



COMPTECH EQUIPMENTS LIMITED

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f /comptechcompressor

Your Nearest Contact: _____