

REFRIGERATION AIR-COOLED PISTON COMPRESSORS

Metalex T Series Compressors:

India is moving towards a New era of Growth and Opportunity. This is driven by increasing Economic focus towards 'Make in India' initiatives. Innovation & upgradation have always been the focal points at Metalex. A dedicated commitment, clear vision of the future, foresight of the globally emerging trends in Refrigeration Industry and deep understanding of customer's aspirations derived us to continue to invest in the reciprocating technology. Thus was born the most Power Efficient, Maintenance Free and Better Performing range of industrial refrigeration machines The T Series compressors.

During developing process of Metalex T Series compressors each component was assessed for the most important elements that contribute to a low total cost of ownership.

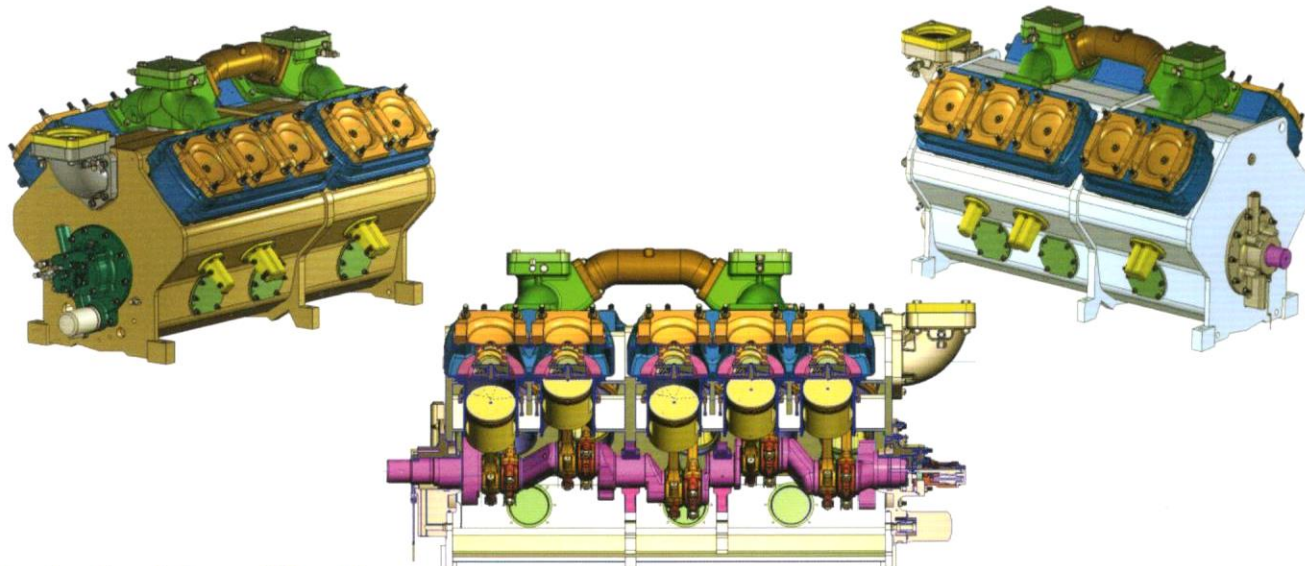
- Maximum reliability with minimal down time
- Energy efficiency
- Minimum maintenance cost

T Series - unique design having welded crankcase with integrated suction chambers and cast iron external positioned cylinder heads create better temperature separation between the suction and discharge sides of the compressor. This increases the performance of the compressor without additional cooling resulting in less internal superheat, better oil temperature stability and higher volumetric efficiency.

Single Stage Series:

Metalex Single Stage T Series compressor range comprises of 4 models starting with a 4 cylinder machine delivering 478 M3/Hr. swept volume to a ten cylinder model delivering 1592 M3/Hr. swept volume. The modular construction and the intermediate plate guarantees smooth, vibration - free running and low - noise emission.

T Series Creating Value Through Technology, Integration & Performance



Technical Specifications

| Single Stage Models | Swept Volume M3/Hr. | No. of Cylinders | Bore mm | Stroke mm | Maximum Speed (RPM) | Dimensions (mm) | | | Weight Kg. |
|---------------------|---------------------|------------------|---------|-----------|---------------------|-----------------|------|------|------------|
| | | | | | | L | w | H | |
| MXT-400 | 637 | 4 | 160 | 110 | 1200 | 1085 | 1126 | 1063 | 829 |
| MXT-600 | 955 | 6 | 160 | 110 | 1200 | 1329 | 1126 | 1063 | 1089 |
| MXT-800 | 1274 | 8 | 160 | 110 | 1200 | 1689 | 1126 | 1077 | 1530 |
| MXT-1000 | 1592 | 10 | 160 | 110 | 1200 | 1913 | 1126 | 1077 | 1760 |

Metalex's country wide sales and service network will always be there to assist our esteemed customers in selection and running of T series compressors. For business inquiries please contact Customer Service on phone No. +91 9373878706

Metalex Cryogenics Ltd.

EQUIPMENT MANUFACTURING &
PROJECT ENGINEERING COMPANY.



A-407, Bhakti Plaza, Bremen Square
Aundh, Pune - 411007, MH., India



+91 93738 78700, +91 20 25881117/8
Working Hours: 9:30am to 5:30pm IST.

