

**ELGI**

Think Long Run

# ELGI Tank Mounted Screw Air Compressor

A smart solution for all applications



ET5 - ET11

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## ELGI EQUIPMENTS LIMITED

Asia's largest and most integrated compressor manufacturer is the flagship company of the ELGI group, a reputed business house in India. The company has evolved over four decades to emerge as a multi-market enterprise to meet global challenges.

- Four core product divisions
  - Reciprocating Compressors
  - Rotary Compressors
  - Automotive Equipments
  - Diesel Engines
- Over half a million compressors in operation worldwide
- 500 vendors across the globe
- Business partners in over 30 countries
- Developing over 15 compressors every year
- 1,100 dedicated workforce with 300 engineers
- Worldwide network of offices & service centers

### Technology

The company stays on the leading edge of technology through technical tie-ups with global leaders like City University, London, UK for the new range of energy saving air ends, Hitachi, Japan

for oil-free screw air compressors and with Samsung Techwin, Korea for centrifugal air compressors.

### Quality

ELGI exports products of proven quality like rotary screw air compressor units and reciprocating air compressor units to compressor manufacturers and packagers in USA, Europe, Japan, Australia, Malaysia, Mexico, Thailand and other countries. ELGI adheres to ISO 9001:2000 quality system and practices Six sigma, TQM, TPM and Quality Circles. ELGI has streamlined its business processes by implementing the latest in ERP solutions from BaaN of Netherlands.

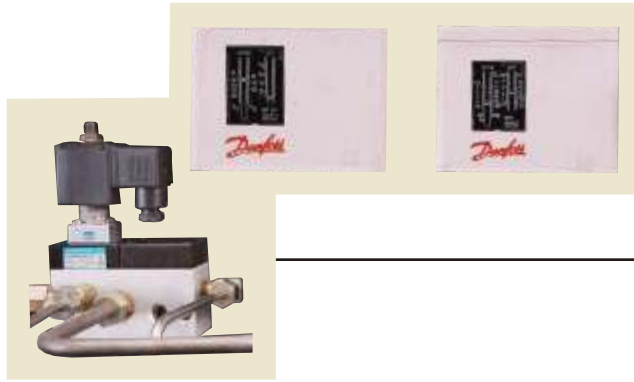
### Capability

ELGI's two state-of-the-art plants in Coimbatore, India are spread over 22 acres of land and 35,000 sq.m of

factory area. The plants are well-equipped with sophisticated CNC helical rotor cutting machines, tool management centers and a totally integrated machine shop with an array of hi-tech CNC machining centres. In short, ELGI has total in house capabilities to design and manufacture products to international quality standards.

### Service

All ELGI compressors come to you with a commitment of providing world class sales and service, both during and after the warranty period. A toll free number, accessible round the clock, assists you in contacting the company immediately for your service requirements. A highly sophisticated, totally computerised customer care system ensures that your service requirements are given top priority.



**Controls**

- Uses only reputed & reliable control switches & solenoid valves
- Simple system with minimum number of parts



**Mimic Panel**

- User friendly, compact, annunciation panel with display
- Constantly monitors status of compressor operation



**Electric Control Panel**

- As per international standards
- In-built safety trips as standard feature
- Isolated panel with swing out door for easy servicing



**Aftercooler**

- Comes as an integral part to ensure quality air
- Tropicalised design to withstand extreme temperatures
- Compact & easy to clean

**Accessibility**

- Designed for easy maintenance
- Unique swing up canopy with gas springs opens 90 degrees

**Duct**

- Built-in hot air bifurcation duct for cool operation



**Primemover**

- Highly efficient motors best suited for high ambient with IP 55 ingress protection class



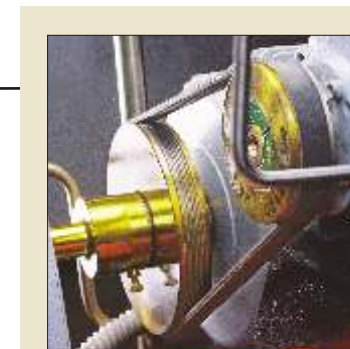
**Filters**

- Spin-on type oil filter elements for easy maintenance
- Highly efficient air and oil filters for longer life of compressor



**Oil Separation**

- Highly efficient two-stage oil separation
- Ensures good quality of outlet air at user point
- Spin-on element ensures less down time to replace



**Drive**

- Distinctive PolyV Belts for efficient power transmission
- Fit & forget belts that require tensioning only once a year
- More durable due to less bending stress
- Taper lock bushes for easy alignment

## The ELGI Edge - In Black & White

Model	Free Air Delivery m <sup>3</sup> /min (cfm)	Working Pressure kgf/cm <sup>2</sup> g	Motor Rating kW(HP)	Package weight kg
ET5 - 7.5	0.906 (32.0)	7	5.5 (7.5)	340
ET5 - 8.5	0.835 (29.5)	8	5.5 (7.5)	340
ET5 - 10	0.736 (26.0)	9.5	5.5 (7.5)	340
ET5 - 13	0.609 (21.5)	12.5	5.5 (7.5)	340
ET7 - 7.5	1.232 (43.5)	7	7.5 (10)	340
ET7 - 8.5	1.161 (41.0)	8	7.5 (10)	340
ET7 - 10	1.020 (36.0)	9.5	7.5 (10)	340
ET7 - 13	0.864 (30.5)	12.5	7.5 (10)	340
ET11 - 7.5	1.600 (56.5)	7	11.0 (15)	350
ET11 - 8.5	1.529 (54.0)	8	11.0 (15)	350
ET11 - 10	1.337 (47.2)	9.5	11.0 (15)	350
ET11 - 13	1.113 (39.3)	12.5	11.0 (15)	350

- Power supply - 3 phase, 415 V+/-10%, 50 Hz+/-5%, combined variation+/-10%
- ET5 & ET7 are with DOL starters, ET11 with Star Delta starters
- Air Outlet Port Size & Qty - 1 1/2" NPT, 1 No
- Air Receiver Capacity - 270 litres (other capacities can also be matched)
- Mounting - Tank mounted, Base mounted models are available on request



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### Airmate Air Filter

Capacity	19 to 2119 cfm
Working Pressure	16 kgf/cm <sup>2</sup> max
Filtration Range	1 to 0.003 microns



### Airmate Auto Drain Valve

Capacity	up to 353 cfm
Working Pressure	16 kgf/cm <sup>2</sup> max
Media	Condensate

### Airmate Air Receiver

Capacity	250 to 10,000 liters
Working pressure	7 to 12.5 kgf/cm <sup>2</sup> max
Code of Construction	ASME Sec VIII Div. 1 or IS2825



### Horizon Screw Air Compressor

Motor Power Rating	15 to 335 HP
FAD	64 to 1750 cfm
Pressure	7 to 13 kgf/cm <sup>2</sup> g



### Airmate Refrigeration Air Dryer

Capacity	10 to 1750 cfm
Working Pressure	16 kgf/cm <sup>2</sup> max
Dew Point	+3 deg C PDP



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