

GLOBAL SERIES ELECTRIC POWERED SCREW AIR COMPRESSOR

TECHNICAL OFFER

Ref: EG/363A/22-23

Dated: 16.11.2022

M/s. Aadhunik Industrial Service Regd
Opp. Manish Pharmo Plast Pvt. Ltd.
Near Radhe-2, Flats Nehru Nagara IIE,
SIDCUL, Haridwar-249403
M: 09719449911
Email ID: aisjob@gmail.com

Kind Attn: Mr Suresh Pal

Sub: Reg- Requirement of Compressed Air System

Dear Sir,

With reference to the above-mentioned enquiry, we are pleased to submit our offer for the ELGi Electric Global (EG) Series rotary screw air compressor with its technical specification.

EG Series compressors are precision designed and carry the promise of reliable performance and ease of maintenance for each component in the unit. These compressors meet international standards such as CE, ASME and UL, and fulfil the performance and quality criteria of global companies.

The added values of this new generation compressor are its lower operating and lifecycle costs, energy efficiency, high operator safety, and easy to use features for performance control, report generation and remote monitoring.

The compressor comes in a compact, aesthetically appealing packaging and is easy to install.

ELGi EG Series compressors belong to a highly successful range of screw compressors from ELGi with a large customer base across the world for a wide variety of applications.

Why ELGi?

- A market leader and Asia's largest manufacturer of air compressors, based out of Coimbatore, India with 50+ years of expertise in design, manufacture, sales and service of a wide range of compressors and related accessories.

Over 2 million ELGi products are powering businesses in industries such as mining, defence, transport, pharmaceuticals, power, oil, railways, chemical, textile, printing, ship-building, paper manufacturing, electronics, telecommunications, medical, food and beverage, and plastics.

- Global footprint with off-shore manufacturing bases in Rotair SPA, Italy and Pattons Inc, USA, and sales presence in over 70 countries.
- Quality assurance and reliability that come from being an ISO 9001:2015 company.

Each component in each ELGi product goes through stringent quality tests through 3D measuring machines, high-precision profile projectors, roundness and hardness testers, ultrasonic flaw testers and many more.



TCI Freight Compound, Delhi U.P Border, PO Chikamberpur, Ghaziabad -201006, Uttar Pradesh,

T: +91-011-25729063, 49403997, **CIN** U29253DL2013PTC250243

Email ID: sales@asequipment.in; **W:** www.asequipment.in

Each product comes with ELGi's UPTIME Assurance.

- Single source for all your compressor needs.

We design and install a complete system that meets the requirement of different applications across industries.

We offer the complete compressed air system of air compressors, air dryers, variable speed drives, down-stream filters and air receivers.

- After sales service through our service organization that consists of 13 branches, over 70 dealers across India, over 200 distributors in 70+ countries across the globe.

Our customers have access to a toll-free Customer Care System.

We are confident that our offer will meet the needs of your organization. Should you need any other information, please feel free to contact the undersigned.

Please find enclosed with this offer:-

- Scope of supply and technical specifications
- Commercial terms & conditions
- UpTime warranty
- Product catalogue

We look forward to receiving your order.

Thanking and assuring you of our utmost attention always.

Yours Sincerely,
AS EQUIPMENT PVT.LTD.

Ashutosh Taploo

|Cell: +91 9810266900 |Email:elgiashutosh@asequipment.in | Web: www.asequipment.in

STANDARD SCOPE OF SUPPLY EG Series

PERFORMANCE

Description	Specifications
Compressor model	EG22-8.5
Capacity (free air delivery) *	138 cfm
Maximum working pressure	8.5 Kg/cm ²
Normal working pressure	8.0 Kg/cm ²
No. of stages	Single
Cooling system	Air-cooled
Main motor (nominal rating)	22kW (30HP) (SF 1.15 continuous), Sq. cage induction motor, TEFC type, suitable for operation on 400V, 3ph., 50 Hz, AC supply, F class insulation with IP55 deg. of protection
Starter	Automatic Star Delta
Dimensions in mm	1500x910x1470mm (Length X Breadth X Height)
Weight of the package	660 Kg

TECHINCAL SPECIFICATION FOR REFRIGERATED AIR DRYER

S. No.	Description	
1.	Model	EGRD200
2.	Capacity	200cfm
3.	Operating pressure	10 kg/cm ² .
4.	Max. Operating Pressure	16kg/cm ²
5.	Pressure Dew Point	+3-4Deg.C
6.	Max. Ambient Temperature	1DegC-55 Degree C
7.	Max. Inlet Temperature	45 Deg. C
8.	Refrigerant	R 134 A
9.	Cooling	Air
10.	Voltage/Frequency	230V, 50Hz, 1Ph.
11.	Max. Noise Level	< 70 DbA

* At Load Pressure



* Conditions apply

SCOPE OF SUPPLY

➤ Base & Enclosure:

- Rigid frame
- Powder-coated panels with two service doors at the front and two at the sides
- Latches on each door
- Ducts for drive motor

➤ Drive System

- Main motor – high Efficiency IE3 TEFC motor with "class-F" insulation
- Flexible coupling with elastic element
- Rigid connection of motor and the airend flange
- CE certified control panel with
 - Wye-delta reduced voltage starter for the main motor
 - DOL starter with contactor for cooling motors
 - High amp protection electric motors

➤ Air Inlet System

- Pre-filter: To ensure clean air is supplied to the inlet system
- Air duct: To get clean and cool air to the air filter
- Air filter housing

 **AS Equipment Private limited**

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- Twin paper element, each of 3 micron with an efficiency of 99%.
- For pre-cleaning on the air cleaner to separate heavy particles and avoid clogging of paper element
- Service indicator – indicating filter service need
- Rubber coupling connecting air filter to the intake valve
- Normally closed type intake valve with integrated blow down and solenoid control valve
 - Load/unload type capacity control for EG 11 to EG 45
 - Intake valve modulation with 100 to 60% capacity control and load/unload below 60% for EG 55 & EG 75
- **Compression System:**
 - Highly efficient axis air end with η -v profile rotors
- **Air/Oil Separation System:**
 - Receiver tank incorporating OSBIC principle mounted on the base frame
 - Oil filling port
 - Oil drain with valve
 - Pressure relief valve
 - Oil sight glass
 - Spin-on air-oil separator element (EG11-EG22) / Cartridge type air-oil-separator element (EG30 – EG75)
 - Minimum pressure valve
- **Discharge System:**
 - Moisture separator with zero loss drain valve
- **Cooling System:**
 - Thermal zones for hot and cool air for maximized cooling
 - High ambient oil cooler for low operating temperature
 - High efficiency after-cooler for low approach temperature
 - Cooler mounted insulated compartment for easy cleaning
 - Cooling fan with integrated motor
- **Lubrication System:**
 - High capacity spin-on oil-filter element with 10 micron rating
 - Return oil line from separator tank to air end.
 - Rigid pipe connections for long life and leak-free operation
- **Controls System:**
 - Neuron III controller
 - Pressure transducer

- Temperature sensor
- **Safety Features:**
 - CE certified package
- **Optional Features:**
 - Integrated dryer and VFD

** Due to continuous engineering improvements, features are subject to change without prior notice. Product image shown are representative and may not match exactly with the actual product.

PRICE SCHEDULE: -

S. No.	HSN Code	Description	Unit Basic Price (INR) Ex-Works Coimbatore
1.	84148090	ELGi make Screw Compressor Model EG22-8.5 (S016554) having capacity 138cfm and working Pressure 8.5Kg/cm ²	800400.00
2.	84213990	Elgi Make Refrigerated Air Dryer Model EGRD200 (S04208)	307600.00
3.	73110090	ELGi make Vertical Air Receiver tank 500ltrs. (S04190) Pressure 10kg/cm ²	72800.00
4.	84213920	ELGi make Pre Filter CFE0177 (B003308170007)	27600.00
5.	84213920	ELGi make Fine Filter CFE0177 (B003308170025)	27600.00
6.	84213920	ELGi make Carbon Filter CFE0177 (B003308170043)	27600.00

TERMS & CONDITIONS

The above prices are for supplies on Ex-Works Coimbatore.

- Packing and Forwarding shall be extra @ 3% on the basic value of the order
- This sale will attract GST at the rates prevailing on the date of dispatch. The present prevailing rates are applicable @18% on all Items (GST extra as applicable at the time of supply).
- Freight shall be extra at actual & to be paid directly to the transporter along with LR for taking receipt of material. The transporter shall be arranged either by the purchaser or by ELGi. Any preference of transporter needs to be informed to the factory at least 5 days in advance of the shipment date (**GST shall be charged extra on freight charges**).
- Transit Insurance shall be arranged by the Purchaser. ELGi shall notify the concerned regarding the dispatch details that will enable arrange Insurance. If purchaser already has insurance, it shall be indicated at least 5 days before scheduled shipment date.
- Statutory information: Please advise the following information in your purchase order:
 - a) GSTIN no.
 - b) Complete Billing Address.
- Terms of Payment: 30% Advance along with the purchase order and the Balance 70% or 100% of the Taxes and other duties against Performa Invoice prior to dispatch.
- Delivery: 6 - 8 weeks Ex Works Coimbatore. This delivery shall reckon from the date of receipt of your clear and firm order with advance or date of approval of GA Drawing, whichever is applicable.



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- Consignee: The consignment will be dispatched on "Selves" basis with special instruction to the transporter to door deliver the consignment against original copy of L/R.
- Supervision of erection and commissioning: ELGi shall depute trained personnel for supervision of erection and commissioning at an extra charge as per standard norms and conditions, for which we will submit a formal quote at later stage. Service Tax shall be extra as applicable.
- Validity: The offer is valid for a period of 45 days from the date of offer.
- Warranty:
 - Airend: 72 months from the date of start-up (not exceeding 30000 hours) or 78 months from the date of shipment from ELGi factory/warehouse, whichever occurs first.
 - Main motor /Cooler/Separator tank: 36 months from the date of start-up or 42 months from the date of shipment from ELGi factory/warehouse, whichever occurs first.
 - Other compressor parts and equipment: All other parts and equipment, unless explicitly mentioned other than the above, are warranted for a period of 12 months from the date of start-up or 18 months from the date of shipment from ELGi factory/warehouse, whichever occurs first.

Warranty is limited to repair / replace defective part against manufacturing defects only and does not extend to any consequential liability there-off.

Exclusions: Electricals (except motors and controller), rubber parts, seals, belts and consumables like Air Filter, Oil Filter, Separator Element, Lubricant and similar wear & tear parts. We are doubtless keen on associating ourselves with your organization for your requirement of compressed air systems and request, we be provided the opportunity for the Techno – Commercial discussion as per your convenience

Yours Sincerely,
AS EQUIPMENT PVT.LTD.

Ashutosh Taploo

|Cell: +91 9810266900 |Email:elgiashutosh@asequipment.in | Web: www.asequipment.in

ELGi's UPTIME Assurance is all about giving customers peace of mind by offering industry's leading warranty

ELGi warrants that its product and the components for its products will perform the purpose and function for which they are designed and intended for the periods of time indicated below when used, serviced and maintained in accordance with ELGi's instructions and specification.

To avail this warranty please register with the ELGi Customer Care System (CCS) within 15 days after receipt of the compressor package or within 3 days of commissioning whichever occurs earlier.

AIREND

72 months from the date of start-up (not exceeding 30000 Hours) or 78 months from the date of shipment from ELGi factory/warehouse, whichever occurs first.

MAIN MOTOR/COOLER/SEPARATOR TANK

36 months from the date of start-up or 42 months from the date of shipment from ELGi factory/warehouse, whichever occurs first.

OTHER COMPRESSOR PARTS

All other parts, unless explicitly mentioned other than the above, are warranted for a period of 12 months from the date of start-up or 18 months from the date of shipment from ELGi factory/warehouse, whichever occurs first.

WARRANTY COVERAGE

1st year : Parts, labour and transportation of parts
2nd year onwards : Parts (ex works basis) and labour

If an ELGi product or component of an ELGi product fails to perform as warranted, ELGi will, at its option, repair or replace the product or component of the product as indicated, and upon the terms and provisions set forth below.

WARRANTY CONDITIONS

- Compressors shall be installed, operated and maintained as per the ELGi Operation & Maintenance Manual.
- Commissioning shall be done by ELGi authorised personnel/distributor.
- Genuine consumables, lubricants and spares shall be used.
- Compressor shall be preserved if kept idle as per preservation procedure detailed in the ELGi Operation & Maintenance Manual.
- ELGi's free oil sampling program participation is required as below:
 - If ELGiAirlube UT Syn Fluid is used - Every 4000hrs/6 months whichever occurs first or as per the oil sampling report.
 - If ELGiAirlube XD is used - As recommended by ELGi authorised service personnel
- All warranty complaints must be registered with ELGi CCS within 24hrs.
- The customer shall maintain the below documents and produce if requested prior to any warranty claim.
 - Copy of signed warranty document.
 - Proof of purchase of consumables, lubricant and spares
 - Maintenance log
- In case the customer wants to take services of ELGi or its dealer's personnel for carrying out regular maintenance work, the applicable service charges are to be paid by the customer.
- Warranty on factory repaired/replaced parts shall expire along with this warranty.
- The benefits of this warranty shall be to the first owner or commercial user only and cannot be transferred.

EXCLUSIONS

- Electricals (except motors and controller), rubber parts, seals, and consumables like air filter, oil filter, separator element, lubricant and similar wear and tear parts.
- Air travel, boarding and lodging expense of service personnel to attend any kind of service or maintenance.

CONDITIONS THAT WILL VOID & INVALIDATE WARRANTY

- Failure to abide by the warranty conditions, unless otherwise given in writing by ELGi, will make the warranty void.
- Repairs carried out on the package without the prior authorisation by ELGi.
- Usage of non-genuine spare parts.

- Nonconformity to ELGi's operating instructions, specifications, guidelines, maintenance and service instructions.
- Equipment conditions as a result of normal wear and tear, abnormal and unusually harsh operating conditions, wilful misuse and negligent use of equipment, accidents and shipping damage.
- Customisation of ELGi supplied compressor package without written consent from ELGi.
- Re-installation of compressors from one location to another unless otherwise recertified by ELGi authorised personnel.
- If compressor is not commissioned within 6 months of receipt unless otherwise recertified by ELGi authorised personnel.
- If there are any dues in payment towards purchase of equipment, service and spares beyond the agreed payment schedule.

LIMITATION OF LIABILITY:

- ELGi shall not be liable for any loss of profit, loss of production, loss of income or contract, loss of goodwill, or for indirect or consequential or incidental loss or damage of any kind whatsoever.
- In no event shall ELGi be liable for any claims or loss having a value higher than the original purchase price of the product.
- ELGi reserves the right to alter or terminate the warranty programme for any part or units not already covered under this policy.

FORCE MAJEURE:

ELGi is not liable for failure to perform the company's obligations if such failure is as a result of acts of God (including but not limited to fire, flood, earthquake, storm, hurricane or other natural disaster), war, invasion, act of foreign enemies, hostilities (regardless of whether war is declared), civil war, rebellion, revolution, insurrection, military or usurped power or confiscation, terrorist activities, nationalisation, government sanction, blockage, embargo, labour dispute, strike, lockout or interruption or failure of electricity or telephone service.

USER INFORMATION

Company Name :

Address :

Contact Person :

Contact Details :

Compressor Details (To be entered by ELGi authorised personnel)

Compressor Fab No :

Airend Serial No :

Start-up Date :

Commissioned by :

Place & Date :

I have read and accepted all the Terms and Conditions of this agreement completely.

Customer Seal & Signature :

ELGi Authorised Signatory :

DISCLAIMER:

The warranty expressly set forth herein is the only warranty provided by ELGi with respect to its products and ELGi expressly denies and disclaims all other warranties, either express or implied and specifically disclaims any implied warranty of merchantability or fitness for a particular purpose.