ESSAR

PNEUMATICS & EQUIPMENT

SALES | **SPARES** | **SERVICE**

SINCE 1987

Industrial Solutions

COMPRESSED AIR · AIR PIPING · PNEUMATICS · PUMPS · MATERIAL HANDLING · SPARES & SERVICE



ELGi Screw Air Compressors · 2.2 – 250 kW



ELGi Air~Flo Aluminium Piping



PPR & PPCH Piping



ELGi Genuine Spares & Service



Material Handling Equipment



Kirloskar Industrial Pumps



SMC Pneumatics & Energy Saving



Bajaj Indef Hoists & Work Platforms

AUTHORISED DEALER FOR

Air Compressors	Pneumatics	Pumps	Hoists & Cranes	Material Handling
ELGi	SMC	Kirloskar	BAJAJ indef	Pronix

www.essarpneumatics.com

ELGi EQUIPMENTS LIMITED
Established 1960 · Coimbatore, India

ESSAR PNEUMATICS & EQUIPMENT

Compressed Air Solutions

The **complete ELGi compressed-air system** — compressor, air treatment, piping and service — from one partner.

1 Rotary screw air compressors oil-lubricated



EN Series
2.2 – 15 kW
3 – 20 HP

Demand=Match



EQ Series
11 – 45 kW
15 – 60 HP

UP TO **5 YEARS** AIREND WARRANTY*

Demand=Match PM VFD SP · 2-stage



EG Series
Up to 250 kW
Up to 300 HP

UP TO **10 YEARS** AIREND WARRANTY*

2 Reciprocating piston compressors oil-lubricated



SS Series
0.75 – 2.2 kW · 1 – 3 HP



Piston Compressors
2.2 – 11 kW · 3 – 15 HP



LD Series · Horizontal
2.2 – 11 kW · 3 – 15 HP



LD Series · Vertical
2.2 – 5.5 kW · 3 – 7.5 HP

3 Air treatment & accessories



Air Receivers



Refrigerated Dryers



Line Filters

4 One partner for the whole air system

1 ELGi compressor	2 Air receiver
3 Dryer + filters	4 Air~Flo / PPR piping
5 FRL + valves	6 Point of use

ABOUT ELGi

60+	2 Mn+	120+	Deming
years of innovation	installations	countries	Prize 2019

* Warranty terms: refer to the ELGi Uptime Warranty clause.

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Get a compressor quote ›

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After-Sales: Spares, Service & Savings

Why genuine ELGi spares?

- **Made for your model** — designed & tested for ELGi
- **Longer compressor life** — less wear
- **Lower energy bills** — efficiency maintained
- **Warranty safe** — warranty stays protected



AMC — trouble-free compressors, all year

Planned visits by trained technicians, genuine spares and one fixed annual cost — **fewer breakdowns, no surprise bills.**

1 Genuine ELGi spares



- **Filters & air-oil separators**
- **ELGi-recommended lubricants**
- **Service kits**

2 Energy-saving upgrades

Variable Frequency Drives
Motor speed follows air demand — saves power.

Heat Recovery System
Reuses compression heat for hot water.

Air~Alert monitoring
24×7 remote monitoring and alerts.

3 Annual Maintenance Contracts

Service AMC
Preventive maintenance as per your requirement.

AMC with consumables
Service AMC plus scheduled filters, oil & separators.

Comprehensive AMC
Adds insurance parts as per plan and priority service.

4 Value-added services


Compressed-air audits



Compressor health checks

- **Demand air audit**
- **Leakage air audit**
- **SPM test**
- **Health check**
- **Calibration**

Air compressors on rental basis

Various capacities available on rent — when you need air without buying a machine.

- **Breakdown back-up**
- **Peak / seasonal demand**
- **Trial before you buy**
- **Projects & site work**

EPE TITAN — POWER. PRECISION. PEAK

SERVICE DESK
service@essarpneumatics.com
Every service job & spares order runs on **EPE TITAN**, our own service app.

www.essarpneumatics.com

Ask for an AMC quote ›

AiR-FLO AIR PIPING

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Industrial Air & Fluid Piping

1 ELGi Air~Flo aluminium air piping light, robust & energy-efficient



ELGi Air~Flo aluminium piping keeps pressure drop low and air clean, with quick push-fit, clamp-fit and integrated fittings.

- **Up to 85 % lighter than MS pipe**
- **1/6th installation time**
- **Zero leakage, corrosion-free**
- **10-year warranty**

Pipe	Aluminium 6063-T5 · blue (RAL 5012)
Sizes (mm)	20, 25, 32, 40, 50, 63, 76, 90, 113, 168, 205
Rating	Max. 20 bar · vacuum 29.32" Hg · -20 °C to 90 °C
Standards	ASME B31.1/3, IS 2763, EN 755-2



Complete fittings range



Push Fit



Clamp Fit



Integrated Fit

2 PPR & PPCH pipes & fittings corrosion-free & energy-efficient

PPR & PPCH pipes and fittings are designed for industrial needs — PPCH is an FRP composite with very low heat transfer.

- **High energy savings**
- **Low thermal conductivity**
- **Corrosion-free**
- **Leak-proof fusion joints**

Pipe	PPR · PPCH (FRP composite) · food-grade
Sizes (mm)	20 – 315
Rating	PN 06 – PN 25 · high heat stability
Applications	Compressed air, chilled & hot water, nitrogen, chemicals







PPCH Composite Pipe



Threaded Adaptors



Fusion Welding



Complete fittings range

Why Essar Pneumatics & Equipment In-house installation team · Turnkey design & installation · Ready inventory

SMC CORPORATION
Established 1959 · Tokyo, Japan

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PNEUMATICS & EQUIPMENT

Pneumatic Automation & Energy Saving

Genuine SMC pneumatic components and energy-saving products that cut compressed-air waste.

1 Core pneumatic range



Air Cylinders



Electric Actuators



Directional Control Valves



Process Valves



Air Preparation & Air Dryers



Booster Regulators



Switches, Sensors & Controllers



Fittings & Tubing

2 Energy-saving solutions every leak and open blow is money escaping



up to 62 % less air*

Air Management System

Lowers pressure or shuts off air automatically when the machine is on standby.



85 % less air*

Impact Blow Gun

Clears chips, water and dirt using far less air.



50 % less air*

Pulse Blow Valve

Pulse blowing for automated blow-off.



25 % less air*

Air Saving Speed Controller

Return stroke runs at 0.2 MPa — fits on the cylinder.



40 % less air*

Energy-Saving Booster Regulator

Boosts pressure only where it is needed.



93 % less air*

Vacuum Unit

Energy-saving vacuum ejector unit.

Find the waste first

Our **Leakage Air Audit** and **Demand Air Audit** measure where air is lost — then we recommend the right SMC fix for each machine.

Book an air audit ›

* Savings as published by SMC; actual savings depend on the application.

Industrial Pumps & Pumping Systems

1 Industrial pump range



End Suction Pumps
Water supply, cooling water, HVAC



Split Case Pumps
Bulk water, cooling towers, fire fighting



Multistage Pumps
Boiler feed, high-rise supply, fire fighting



Vertical Turbine Pumps
Intake from sumps, rivers & wells



Fire Fighting Pump Sets
FM-approved & UL-listed options

2 Other available range



Process Pumps
Chemical & industrial process duty

Also available:

- Vertical inline pumps
- Monobloc pumps
- Self-priming pumps
- Solid-handling pumps
- Boiler feed pumps
- Hydro-pneumatic systems
- Sewage & dewatering submersibles
- Borewell & openwell submersibles

Get the right pump, first time

Share the **liquid, flow (m³/h), head (m) and temperature** — we help you select the right Kirloskar pump and motor for your duty point.

BAJAJ INDEF
Cranes & hoists manufacturer since 1962

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Material Handling — Lifting & Access

Bajaj Indef — challenging gravity since 1962. Hoists and cranes from **125 kg to 90 tons**, lift heights **3 m to 170 m**.

1 Featured hoists



ELECTRIC CHAIN HOIST

HC+ Electric Chain Hoist

250 kg – 5 T

- Rugged Italian design, low noise
- Overload clutch & rotary limit switch
- Grade 80 hardened load chain
- Single / dual speed options



WIRE ROPE HOIST

iR Wire Rope Hoist

1 – 20 T · lift 6 – 24 m

- FEM / ISO compliant design
- Lifetime-lubricated gearbox
- Overload protection as standard
- Industry 4.0 ready (Indef iQue)

2 More hoists & cranes



Chain Pulley Blocks
Up to 40 T



EH II "Baby" Hoist
Up to 2 T



WRH Wire Rope Hoist
1 – 10 T



EOT Cranes — SG & DG
Single girder up to 10 T



Jib Crane
360° / 270° slewing

DAEDALUS® by Bajaj Indef

3 Work-at-height platforms CE (EN 280) certified · made in India



Self-propelled Scissor Lifts
6 – 14 m working height



Rough-terrain Scissor Lifts
12 – 16 m working height



Articulating Boom Lifts
12 – 20 m working height



JIB Master Vertical Mast
8 m & 10 m models

Spares & service: on-site support, crane & hoist health check-ups, AMC and operator training.

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Get a lifting solution quote ›

Pronix

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Material Handling Equipment

1 Pronix material handling equipment



Hand Pallet Truck
2.5 · 3 · 5 T



Electric Pallet Truck
1.5 – 2.5 T



Semi-electric Stacker
1 – 2 T · lift 1.6 – 3.5 m



Fully Electric Stacker
1.5 – 2 T · lift up to 6 m



Self-loading Stacker
0.5 – 1.5 T · lift 1.3 – 1.6 m



Electric Reach Stacker
1.5 – 2 T · lift 3.5 – 4.5 m



Electric Forklift
3 T · lift 3 – 4.5 m



Scissor Lift Table
150 – 1,000 kg

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About us — Essar Pneumatics & Equipment has earned a reputable name in industry since 1987 through quality products and efficient service. Our mission: *"To provide the best of products & services to our customers to help them maximize their efficiency."*

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Warehouse	Behind Mercedes-Benz Showroom, Nagaon, Tal. Hatkanangale, Dist. Kolhapur (M.S.)

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