




PT. SWACIPTA MITRA SEJAHTERA
INSTRUMENTATION - ELECTRICAL - VALVE CONTROL

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QUOTATION

Message To : PT. ALRON MEGA PERKASA	Number : 275/AMP/SM/ XI/2024
Address : PLAZA SUMMARECON BEKASI , Lt. 6 Unit 606, Jl. Boulevard Ahmad Yani, Kav. KA001, Marga Mulya, Bekasi Utara, Kota Bekasi - Jawa Barat 17142	Revision : 0
Phone/Fax : +62-21-84982154, +62-21-84982447	Date : 11 Desember 2024
Attention : Berliana Putri (Mrs.)	Subject : Quotation for Equipment Kalibeton
	Reff. No. :

No	Description	Qty	Unit	Price (IDR)	Total Price (IDR)
1	Elgi make Portable Global Diesel Powered Screw Air compressor Model PG850-150S (standard) mounted on 4 Wheel trolley	1	Ea	901.420.000	901.420.000
					
TOTAL PRICE				IDR	901.420.000

Terms & Conditions :

- Price : Franco Bekasi, Ex-clude 11% VAT
- Currency : IDR
- Payment Term : 50% DP & 50% balance 30 days after receive Invoice
- Delivery Time : 1-2 weeks ARO (ready stock dan tidak mengikat)
- Validity : 30 days since the date of quotation

Regards,

PT. Swacipta Mitra Sejahtera



Yusuf Pongsapan

Director

PG - SERIES Technical Offer



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2) PG850-150S

Product : Oil flooded Screw Air Compressor Single Stage Airend		Type: Diesel Powered Oil Flooded Screw Air Compressor	
S. No	Description	Unit	Data
1	Model (Trolley)		PG 850-150 S (Standard)
2	Free Air Delivery	cfm (m ³ /min)	850(24.07)
3	Working Pressure	PSIG (kgf/sq.cm)	150(10.5)
4	Unloading Pressure	PSIG (kgf/sq.cm)	174(12.2)
5	No. of stages		Single
6	Engine Make		VOLVO PENTA
7	Engine Model		TAD843VE-TIER2
8	Rated operating Speed	rpm	2000
9	Min. operating speed	rpm	1200
10	Engine power output - Nett	HP	320
11	Engine lube oil capacity	Lit.	27
12	Initial Oil fill(Refill)	Lit.	45(15)
13	Battery capacity, Qty.	AH / Nos.	165 /2 no
14	Discharge oil temperature	Deg C	Amb.+55(min) to 68(max)
15	Type of mounting		4 Wheel trolley
16	Air outlet port size & Qty.	Inches & Nos.	1" – 1 No & ¾" - 2 Nos
17	Weight of the compressor (dry)	kg	3500 Max
18	Reference standard for FAD and SFC		ISO 1217:2009 Annex D

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* At Load Pressure

* 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.

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SCOPE OF SUPPLY

Compressor Air Inlet System consists of

- a) Single /Two stage dry type air intake filter
- b) Butterfly air inlet valve
- c) Air filter indicator

Compressor Discharge and Oil Separation System consists of

- a) Discharge check valve
- b) Air/oil separator element housed in the receiver sump
- c) Minimum pressure valve
- d) Terminal check valve
- e) Return line strainer and sight glass

Compressor cooling and Lubrication System consisting of

- a) Radiator fin type oil cooled by engine fan
- b) Oil stop valve
- c) Bearing oil filter
- d) Main oil filter

Capacity Control System consists of

- a) Actuator control
- b) Butterfly valve
- c) Pressure regulator
- d) Blow down valve

Protective Device system consists of

- a) Pressure relief valve
- b) Fluid level sight glass
- c) Fluid return sight glass with strainer
- d) Tachometer
- e) Engine oil pressure switch
- f) High water temperature switch
- g) Fuel pump shutdown coil
- h) High Discharge temperature switch

Instrument Panel consists of

- a) Line pressure gauge
- b) Sump pressure gauge
- c) Discharge air/oil temperature gauge
- d) Ammeter
- e) Starting switch

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- f) Stop switch
- g) Engine oil temperature gauge
- h) Engine water temperature gauge

Compressor mounting details: Trolley Mounted.

The entire compressor along with engine and accessories are mounted on 4 W Trolley Frame. This design ensures the shortest turning radius for the compressor to move in toughest terrain conditions in mining area for trolley compressor.

Compressor AIR END

Portable Global (PG) Compressors are fitted with energy efficient Air End. Elgi ensures constant up gradation of Air End. This gives you the advantage of Efficiency and Reliability.

“OSBID” Air-Oil Separation

The Hallmark of successful separations lies in our ability to separate air and oil efficiently with least Pressure Drop. This type of separation ensures constantly low level of oil carry over during Un-Loading period (less than 2 ppm).

Cooler

ELGI uses proven design of wire fin type coolers for efficient cooling of oil and compressed air. ELGI compressors package operates on comparatively lower temperatures as compared to other imported makes of compressors in the market.

Oil Fill

Design of the compressor oil fill capacity is critical since it provide adequate cooling, lubrication keeping the cost low. In the line with the objective, lower oil fill combined with efficient cooling and lubrication would reduce running expenses of the compressor. Option of special elgi lubricants available with longer life

Powder coated canopy

Considering the high humidity level in tropical countries every Horizon portable Compressor is manufactured using high quality steel sheets duly treated and powder coated to give highest level of corrosion resistance and excellent aesthetics to match modern shop floor.

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Installation & Commissioning:

Any kind of necessary piping, electrical installation, civil works, erection and commissioning will be done by the customer on their own expenses.

Commissioning & Start up procedure is mentioned in the manual which will come along with the units. In case you need the start up to be done by ELGi's personnel then it will attract separate cost. Our After sales dept. will send the quote separately if required.

➤ Warranty:

COMPLETE PACKAGE WARRANTY: Warranted for a period of 12 months from the date of commissioning or 18 months from the date of shipment from ELGi factory/warehouse, whichever occurs first.

UPTIME WARRANTY (terms & condition in uptime warranty form required)

- **AIREND**
36 months from the date of start-up (not to exceed 5000 hours).
- **OIL COOLER**
24 months from the date of start-up.
- **SUB-ASSEMBLIES**
6 months from the date of start-up (not exceed 1250 hours).

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 including Tyres, seals, belts and consumables like Air Filter, Oil Filter, Separator Element, Lubricant and similar wear & tear parts and under chassis parts.

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