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**QUOTATION**

**DATE: 16/03/2023**

**CUSTOMER REF. : PHONE**  
**OUR REF. NO : DP/47-03/NB/22-23**  
**COMPANY NAME : YEKODI FARMER PRODUCER COMPANY LIMITED**  
**ADDRESS : WARD NO. 2, HOUSE NO. 318, BAZAR CHOUK, AT. PO. YEKODI, THE. SAKOLI,  
DST. BHANDARA-441802**  
**EMAIL ID : yekodifa2020@gmail.com**  
**CONTACT PERSON :**  
**CONTACT NO : +91 8208667450/8329472915**

**Subject: Quotation for 5<sup>TH</sup> Generation Technology Variable Speed Drive Deep Pneumatics Make Screw air compressor – Advanced / smart Permanent Magnet Technology / PM Series Model DP 30PM – 30HP Complete Package.**

Dear Sir,

We thank you for your enquiry. Based on your requirement, we are glad to submit most suitable Techno-Commercial offer.

Please find enclosed herewith following documents.

1. Technical details of the Air Compressor (Specifications)
2. Prices, Terms & Conditions.

We trust you will find our offer in order and in line with your requirements. If you need any further clarification feel free to contact us.

Thanking you & assuring you always our best services at all times,

Yours Faithfully,

**For DEEP PNEUMATICS PVT. LTD.**

**Dhiren Jani**  
**Sales Director**  
**93270 88741**

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**DEEP PNEUMATICS PVT. LTD.**

1.

**TECHNICAL DETAILS**

AIR COMPRESSORS STANDARD MACHINE SPECIFICATIONS

**Specification:**

<b>Compressor Type</b>	<b>Screw Air Compressor</b>
<b>Speed Type</b>	<b>Variable Speed</b>
<b>Model</b>	<b>DP 30PM</b>
<b>Make</b>	<b>Deep Pneumatics</b>
<b>Maximum Working Pressure (BAR)</b>	<b>8</b>
<b>Air Delivery (CFM)</b>	<b>142</b>
<b>Motor HP / KW</b>	<b>30/22</b>

**\* Rotary Screw ( Double Screw) Element complete with;**

- ⇒ Dry Paper Type Suction Air Filter with silencer
  - ☞ Conveniently located for easy replacement of filter element
- ⇒ Un-loader with integrated Regulating Valve for Load/Unload Control system
  - ☞ Simple design with only one moving part, needs no regular adjustments
- ⇒ Three-way solenoid valve required for load/unload regulation of the Compressor
- ⇒ Air/Oil Temperature Sensor to sense
  - ☞ Air Oil Temperature at element outlet and to shut down the Compressor in case of too high element outlet air temperature

**\* Motor**

PM Series: Permanent Magnetic Motor

**\* Air Oil Receiver Tank consisting of;**

- ⇒ Sight glass for oil level indication and oil filling arrangement
- ⇒ Minimum Pressure Valve to close off the Compressor from the air net when the unit is stopped or running unloaded and to maintain required air pressure in the system for proper oil lubrication
- ⇒ Safety Valve
- ⇒ Gauge for Air oil receiver pressure
- ⇒ Oil draining arrangement
- ⇒ Three stage Air Oil Separation system
  - ☞ First by cyclonic action (Centrifugal),
  - ☞ Second by gravitational (heavier particles separate down),
  - ☞ Third by passing through coalescent filter

**\* Air & Oil Cooler assembly**

- ⇒ Air & Oil cooler are compact block coolers of Aluminum for optimum heat transfer. Lower pressure drop and lower weight. After cooler reduces the temperature of outlet air to approximately 8 to 10<sup>0</sup> C above ambient temperature.
- ⇒ Oil Filter mounted on Air oil cooler for filtration of lubricating oil
- ⇒ Cooling fan with Fan motor for more effective cooling

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✱ **Power And Control Panel**

- System realizes intelligent control, Automatic adjustment of variable speed Air volume control, Load start and soft start.
- Large History Fault Memory.
- When the air compressor runs, the PLC automatically calculates the most energy-saving revolution number.
- Intelligent and Dynamic Control
- Display working condition of parts Compressor Dynamically, real time and visual pressure, temperature and current working curve.
- **Variable Frequency Drive (Inverter)**
- A Variable Frequency Drive (VFD) is a type of motor controller that drives an electric motor by varying the frequency and voltage supplied to the electric motor.
- Efficient Axial Flow Fan control system
- It keeps temperature of the system and all parts stable and improves durability of parts.

✱ **Acoustic Canopy & Drive Arrangement**

- Compressor package is enclosed in a powder coated acoustic canopy with sound absorbing material for limiting the noise level
- Anti vibration mounts support Electric motor and Compressor unit and isolate the moving components from rest of the structure, thereby reduces sound level and avoids need for anchoring the machine on floor.

✱ **Ready To Commission Compressor Unit:**

- Air Compressor unit can be put directly on the Industrial floor and is provided with first fill of oil.

**2 Vertical Air Receiver & Fittings – DEEP PNEUMATICS MAKE SPECIFICATIONS:**

- ☞ Receiver Capacity : 1000 Ltrs (SKIRT MOUNTED)
- ☞ Thickness : 6/8 mm (Shell/Dishend)
- ☞ Painting
  - Internal : Black painting
  - External : Primer + N.C. Ral Blue Colour
- ☞ Working Pressure : 8 BAR
- ☞ Design Pressure : 9.2 BAR
- ☞ Hydro Test Pressure : 13.8 BAR
  
- ☞ Receiver Fittings : Safety valve, Pressure gauge, manual drain valve will be provided.

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### 3 Refrigerated Air Dryer Model DP 150 – DEEP PNEUMATICS MAKE

✱ **REFRIGERATED DRYER**

- Powerful refrigerated dryer mounted with sound proof canopy structure
- Pressure dew point of 3<sup>o</sup> at reference ambient temperature of 35<sup>o</sup> C
- Dew Point Indicator
- Power Supply 220 Volt/1 Phase/50 Hz Or 415Volt/3 Phase / 50 Hz
- Compressed Air from Compressor unit enters the receiver tank before entering the refrigerated dryer unit ensures that;
  - *Adequate cooling of compressed air in the receiver tank before entering the refrigerated dryer,*
  - *Reduces the LOAD on the Refrigerated deer and considerably reduces the input power to Refrigerant Compressor/dryer,*
  - *Enhanced performance of Refrigerant dyer to achieve better relative Pressure dew point for the system.*

### 4 Pre Filter & After Filter – DEEP PNEUMATICS MAKE

✱ **FILTER ASSEMBLY (PRE FILTER & AFTER FILTER)**

- Pre-Filter model DPF 150 A is mounted in the air passage between Receiver and Dryer.
- DPF or DPF series After-Filters model DPF 150 A or DPF 150 B are mounted in the compressed air passage between air Dryer and Air discharge Valve
- Cleaner compressed air for usage resulting in
  - *Lower maintenance costs for distribution network, machinery and pneumatic tools*
  - *Energy savings through reduced in – line pressure drops,*
  - *Improved productivity due to fewer down time of the system*
  - *Better final product quality.*

2.

**PRICES, TERMS & CONDITIONS:**

PRICES, Ex Works Ahmedabad:

Sr. No.	Description	Qty.	Discounted Price (INR)
1	Screw Air Compressor Model DP 30PM - 30HP ( <b>iPM Series</b> ) – DEEP PNEUMATICS MAKE	01	<b>7,00,000</b>
2	Vertical Air Receiver 1000 Ltrs. with Standards Fittings – DEEP PNEUMATICS MAKE	01	
3	Refrigerated Air Dryer Model DP 150 (150 CFM) – DEEP PNEUMATICS MAKE	01	
4	Pre filter & After Filter – DEEP PNEUMATICS MAKE	01 Set	

**DEEP PNEUMATICS PVT. LTD.**

Our Bank Details,
A/c. Name: DEEP PNEUMATICS PVT. LTD.
A/c. No.: 920030042210423
IFSC CODE : UTIB0001530
Axis Bank , CBB Ahmedabad - 380009
GST No: <b>24AADCD2700N1ZW</b>
PAN No: <b>AADCD2700N</b>

**TERMS & CONDITIONS:**

- **18% GST** Including
- **Packing & Forwarding** 3% Extra, if require.
- **Freight** To Pay Basis.
  
- **Transit Insurance:** Transit insurance shall be in your scope. However, we can arrange the same at a rate of 0.25% of the basic order value. However, it will be your responsibility to complete the documents/formalities regarding claiming of insurance in case of transit damage. (Nil)
  
- **Purchase Order:** Please raise your purchase order as mentioned below:  
**M/S. Deep Pneumatics Pvt. Ltd.**  
C 1-6 GIDC Estate, Near Parry Steel, Naroda,  
Ahmedabad-382330. Gujarat, INDIA.
  
- **Payment:** *Through cheque/DD/RTGS/NEFT on the name of DEEP PNEUMATICS PVT LTD only.*
  
- **Payment Terms:** 50 % advance along with PO, balance 50 % against Proforma Invoice prior to dispatch.
  
- **Penalty Clause:** Penalty will be 20% of ORDER VALUE AMOUNT on Cancellation of Order will be Charged to Customer.
  
- **Delivery:** Within 3-4Weeks from the receipt of your technically and commercially Purchase order with advance payment.
  
- **Validity of offer:** 30 days from the date of its issue & subject to confirmation thereafter.

**DEEP PNEUMATICS PVT. LTD.**

- **General :**

- **Warranty:** The equipment is provided with warranty against faulty / Defective material / workmanship / manufacturing defects only for 12 months from the date of dispatch or 5000 hrs whichever is earlier against manufacturing defects. The normal consumable spares and rubber parts, effect of corrosion, erosion and normal wear & tear are specifically excluded from this warranty. The equipment should be maintained and used as per instructions given in the Instruction Book supplied along with the equipment and only DEEP PNEUMATICS genuine spares should be used.
- Unloading of the material, Interconnecting Piping, Plant Piping & Electrification work etc. will be under your scope of work.
- **Erection & Commissioning:** This compressor does not need any grouting foundation. Normal industrial floor that is able to hold the weight of the compressor package is sufficient. For commissioning the compressor, maximum two visits shall be done by our service person. For additional visit, charge will be extra as per company policy.
- On Cancellation of order, cancellation charges will be applicable on order value as per company policy.
- Force Majeure: This clause is applicable.

For, DEEP PNEUMATICS PVT. LTD.

**Dhiren Jani**  
Sales Director  
93270 88741

**DEEP PNEUMATICS PVT. LTD.**

**H.O. & Works :** C 1-6, G.I.D.C. Estate, Near Parry Steel, Naroda, Ahmedabad-382 330, Gujarat, INDIA

**Tele :** +91-79-2280 3684

**E-mail :** info@deppneumatics.in | **Web :** www.deppneumatics.in