



## PUNJAB ENGINEERING WORKS

*Pioneers of Oil Machinery in India*

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# PIONEERS OF OIL MILL MACHINERY IN INDIA



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**PIYUSH GUPTA**

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- Founded in year 1948
- Privately held partnership Company
- Based in Kolkata, India
- 3200 sq mtrs facility with 24 highly skilled workers
- Serving vegetable oil extraction industry in India and SAARC countries to provide them machinery to extract 100% pure cold pressed vegetable oil
- Provide turn key solutions for vegetable oil extraction



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## MANUFACTURERS AND SUPPLIERS OF VEGETABLE OIL EXTRACTION PLANTS AND MACHINERY

We are one the leading experts in turn key project implementation of vegetable oil extraction plants in India and SAARC countries having expertise in practically all types of oil seeds of varying capacities and provide affordable easy to use machinery and equipment for the end users

**USP of our products :-** Very simple design, low cost automation and installation and operation procedure without the requirement of highly skilled personnel, low maintenance cost and ready availability of replacement parts

*We provide reliable, cost effective, time saving, innovative and to the point solutions to the customers to ensure complete customer satisfaction so that we can become internationally reputed company having capability to undertake manufacturing, supply and set up of complete range of oil mill machinery at par with international standards for vegetable oil extraction plants.*

*Since our inception, we have had complete dedication to provide affordable, best quality and reliable machinery and make technical contributions for advancement and welfare of humanity. We strongly believe that our customer is an asset for our company and commands due respect as an equal partner in our success story.*

For over 75 years **Punjab Engineering Works** has enjoyed a tradition of innovation in both the oil mill and chemical industries. We have been in the forefront of Oil Expeller and Filter technology for decades. Experience coupled with the know-how for design, development & manufacture of plant and Machinery has put PUNJAB in a position to supply high quality, easy-to-service equipment and reliable customer service. All the above combine to provide our machines with an excellent price performance ratio. Punjab Expellers reduce downtimes and increases yield and efficiency. High quality wear parts and easy accessibility to wear parts is always sought for.







## COMPLIANCES & CERTIFICATIONS



W BENGAL P C B



ISO 9001 : 2015



Government Of India  
Ministry Of Commerce and Industry  
Directorate General of Foreign Trade



## Management and Core Team

**Satish Kumar Gupta (Managing Partner)** He has been a part of the company since 1970 and due to his vast experience, he is always an asset to the company



**Sheena Gupta (Partner)** She became a part of the company in 2008 and has been a constant support in digital marketing of our company



**Piyush Gupta – (GROUP CEO)** He has been a part of our company from 1993 and is responsible in spreading our market to the neighboring countries



### **FUTURE PROGRAM FOR OUR MANUFACTURING UNIT UPGRADATION**

1. Upgradation of workshop and machinery and Quality Control Laboratory to internationally acceptable standards
2. Certifications and compliances for acceptance and approvals in international markets (ZED, 6 SIGMA, GMP, Trademarks & IP, HW)



3. Focus on marketing – digital and face to face – by increasing sales team and digital presence
4. Research and Development for innovation of better engineered and more affordable machinery and equipment
5. Research and Development for diversification into chemical processing and industrial automation machinery and equipment





### **OUR REGISTERED OFFICE :-**

28/Y RAM KRISHNA SAMADHI ROAD, P O :- KANKURGACHI, KOLKATA – 700054, INDIA.

CONTACT NOS :- (+91 33) 2320 2012 / 4006 9982

<https://goo.gl/maps/r5wsWreXiqJNMrFS7>

**GSTN :- 19AAGFP6645L1ZM**

### **OUR FACTORY / WORKSHOP:-**

NANDAN KANAN, GANGANAGAR, BEHIND JULIEN DAY SCHOOL, P.O.:- GANGANAGAR, KOLKATA – 700132, INDIA

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<https://goo.gl/maps/QzBpe5dyuZn7KjKz8>



# About Us

For over 50 years Punjab Engineering Works has enjoyed a tradition of innovation in both the oil mill and chemical industries. We have been in the forefront of Oil Expeller and Filter technology for decades. A wealth of experience coupled with the know-how required for the research, design and development and manufacture of plant and machinery has put PUNJAB in a position to supply high quality, easy-to-service equipment which provides many years of reliable service to the customers.



## Why Us

The main advantages of our machines are that they are easy to operate, less manpower is required, power efficient, operational for days together, spares are readily available and little alteration in worm setting is required for different seeds like mustard, linseed, sesame, copra, mahua, kusum, cotton seed, castor, etc. Apart from using high quality wear parts, great emphasis has been placed on easy access to all wear parts. Worms and cage bars are protected against abrasion and corrosion by an armored layer consisting of an iron alloy. Continuous quality control help maintain very high standard of spare parts.



Pioneers of Oil Machinery in India





## King Oil Expeller

We present our complete range of products : Our top-of- the-line Expeller, namely **Super King Oil Expeller**, is the heaviest of its kind in India along with the ever – dependable and power efficient **PUNJAB KING EXPELLER**. Smaller machines, i.e. **Mini King Expeller**, **Super Baby Expeller**, **Baby Expeller**, **Small Baby Expeller** and **Household Expellers** have proved to be a runaway success.

Advantages of Bush – cum – Bearing type machines :- (a) **Power Saving of up to 40%**. (b) Less breakdown of gears and pinions due to perfect alignment. (c) Noise- free working of machines. (d) very minute vibration so can be installed even on platform. (e) longer lasting of bearings due to best quality bearings and smooth running of the expeller. (f) new design of gear box to ensure safety of laborers and easy replacement of spares. (g) 90% spares same as earlier model. (h) thickness increased at crucial places to reduce breakage for e.g. Bearing covers and housing.

\*\*\*Custom made expellers – we manufacture expellers as per the requirement of our customers.

For the Mustard Oil Mills , we bring our latest fully machined and by far the most power saving Bearing Ghani. Less breakage, increased capacity (40 kgs/50 kgs), simple setup and operation, better economy rate and easy availability of spare parts makes it the first choice.



Pioneers of Oil Machinery in India

## Filter Presses

Our **Filter Presses**, ranging from 36" x 36" to 6" x 6" sizes, meet the requirement of a cross section of oil and chemical industries ranging from vanaspati plants to laboratory testing equipment. High quality machining ensures its leak proof lifelong operation. Simple design and easy operation are major advantages. Plunger pumps manufactured by us are the sturdiest of their kind available in the market today. Ratchet type tightening system and side feed hole system ensure trouble free operation in our bigger Filter presses (24"x24" and above on special request). We also undertake manufacturing of special Filter Presses, Filter Plants and Frames, special gear and Plunger pumps, filter pipeline accessories, plastic / poly resin filters, wooden filters and any other filter for special applications. For chemical industries S.S. plunger Pumps, Centrifugal Pumps, Vacuum Pumps, Gear Pumps and Other special pumps are also available.



Gear Type Plunger Pump



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# Other machinery for oil industry



ELEVATORS



CONVEYERS



SEED CLEANER



DESTONER



COPRA COOKER



VIBRO SEPARATORS



DECORTICATOR



DISINTEGRATOR



OIL STORAGE TANKS

## TECHNICAL DATA SHEET FOR OIL EXPELLERS

Sl no.	Expeller	Capacity Kg/hr	Power Reqd in H.P	Chamber Size in inch	Bolts	Residual Oil inCake
1	Grand Deluxe	1250	75	33 x 9 & 22 x 11	15	15-16%
2	Super Deluxe	750	40	48 x 8	12	10 to 12%
3	Super King	600	25	33 x 7 & 11 x 7 1/2	11	10 to 12%
4	King Oil	500	20	33 X 7 / 36 x 7	9	7 to 8%
5	King Oil	400	15	33 X 6 / 33x 6 1/2	9	6 to 7%
6	Mini King	300	10	33 x 5 1/2	9	7 to 8%
7	Super Baby	250	10	30 X 5 / 5 1/2	9	7 to 8%
8	Baby	180	7.5	27 X 5	6	7 to 8%
9	Baby Deluxe	150	5	27 x 4 1/4	6	7 to 8%
10	Small Baby	100	5	24 X 4	6	8 to 9%
11	Deluxe Table	60	3	18 x 3.5	4	8 to 9%
12	Table	40	3	24 patti	NA	8 to 9%
13	House Hold	5	0.75	NA	NA	8 to 9%

## TECHNICAL DATA SHEET FOR FILTER PRESSES

Sl no.	Filter Size in inch	Capacity in kgs/hr	Filtration Area (sq.ft.)	Feed hole type
1	36" x 36" x 34 P+ 35 F	2000	315	Side
2	30" x 30" x 28 P+ 29 F	1000	185	Side
3	30" x 30" x 34 P + 2 B	1000	185	Center
4	24" x 24" x 28 P + 2 B	625	120	Center
5	24" x 24" x 22 P+23 F	500	100	Side
6	24" x 24" x 22 P + 2 B	500	100	Center
7	18" x 18" x 18	250	40	Center
8	12" x 12" x 12	100	12	Center
9	6" x 6" x 6	15	1.5	Center

\*WE ALSO MANUFACTURE P P FILTER PRESSES AND HYDRAULIC PRESSES.



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