

# AZAD OIL MILL MACHINERY

Manufactured, Exported and Marketed By

## AZAD ENGINEERING COMPANY

Proprietor Gurjit Singh



Castor



Neem



Groundnut



Mustard



Cotton



Cashew Shell



Sunflower



Sesame/Til



Soya



Coconut Copra

1. Rugged & Compact design for dependable job performance.
2. Oil Bath. Bearing System and Extra Heavy Duty design .
3. Suitable to crush Mustard, Cotton, Sesame, Groundnut, Coconut, Soyabean, Jatropha, Safflower, Sunflower, Lin, Castor, Niger, Tung, Walnut, Almonds, Palm, Cashew Shells & other Oil Bearing Seeds for maximum percentage of oil.
4. Hobbing Cut Gears giving smooth noiseless operation, that enhance the life and productivity of the machine.
5. Low Power Consumption due to advanced design modifications.
6. Every expeller is fully guaranteed and backed by decades of experience with expert workmanship since 1951.
7. All the bodies are of High Quality Cast Iron produced in modern foundry and machined accurately, tested and checked before fitting/assembling.
8. Worms, Collar, Cage Bars and Cones are made from high quality alloy steel and carefully case hardened to enhance their life.
9. Best Quality Bearing are fitted to ensure light running. Bushes are made from top quality gunmetal.

## Table Expeller

14" x 3" Motor 3 H.P. Single Phase Crushing Capacity 15Kgs/Hour



## 4 Bolt Single Gear

18" x 3.5" Motor 5 H.P. Three Phase Capacity 30Kgs/Hour 3 Time Pass



Leg Type



Bed Type



## 4 Bolt Single Gear

18" x 4" Motor 7.5 H.P. Three Phase Capacity 50Kgs/Hour 3 Time Pass



## 4 Bolt Double Gear

18" x 3.5" (**Double Speed**) Motor 5 H.P. Three Phase Capacity 40Kgs/Hour 3 Time Pass



## 4 Bolt Double Gear

18" x 4" (**Double Speed**) Motor 7.5 H.P. Three Phase Capacity 55Kgs/Hour 3 Time Pass



## 6 Bolt Single Gear

24" x 4" Motor 7.5 H.P. Three Phase Capacity 60 Kgs/Hour 3 Time Pass



with  
Reduction Type Gearbox



## 6 Bolt Single Gear

27" x 4.5" Motor 10 H.P. Three Phase  
Capacity 80Kgs/Hour 3 Time Pass



22" x 4" Motor 7.5 H.P. Three Phase  
Capacity 50Kgs/Hour 3 Time Pass



## 6 Bolt Double Gear

(Double Speed) Motor 12.5 H.P. Three Phase 3 Time Pass

24" x 4" Capacity 90Kgs/Hour



27" x 4.5" Capacity 100Kgs/Hour

with  
Reduction Type Gearbox



## 9 Bolt Single Gear

27" x 5" Motor 15 H.P. Three Phase Capacity 110 Kgs/Hour 3 Time Pass



with  
Reduction Type  
Gearbox



## 9 Bolt Single Gear

30" x 5.5" Motor 20 H.P. Three Phase Capacity 150Kgs/Hour 3 Time Pass



with  
Reduction Type  
Gearbox



## 9 Bolt Single Gear

with Reduction Type Gearbox



## Water Cooled Cold Extraction Oil Expeller





## 9 Bolt Double Gear

(Double Speed) with Reduction Type Gearbox

25" x 5" Motor 20 H.P. Three Phase  
Capacity 170Kgs/Hour 3 Time Pass



30" x 5.5" Motor 25 H.P. Three Phase  
Capacity 200Kgs/Hour 3 Time Pass



## 9 Bolt Double Gear

(Double Speed) with Reduction Type Gearbox



with Long Steam  
Cooking Kettle



with Round Steam  
Cooking Kettle

## 9 Bolt Double Gear

(Double Speed) with Reduction Type Gearbox

33" x 6" Motor 30 H.P. Three Phase Capacity 300Kgs/Hour 3 Time Pass



with Long Steam  
Cooking Kettle





# Oil Filter Press

(Recess Type)

(Pump with Gear Motor)



S. No.	Models of Azad Filter Press (Recess Type)	(Horse Power) Required	Filter Capacity (Kg Per 24 Hours)
1.	8"X 8"X 8 Plate	1	200
2.	12"X 12"X 12 Plate	1	500
3.	14"X 14"X 14 Plate	1	1000
4.	16"X 16"X 16 Plate	2	2000
5.	18"X 18"X 18 Plate	2	3000
6.	21"X 21"X 21 Plate	2	4500
7.	24"X 24"X 24 Plate	2	6700
8.	24"X 24"X 30 Plate	3	8400
9.	30"X 30"X 30 Plate	5	12000
10.	36"X 36"X 36 Plate	7.5	24000



(Pump with Gear Motor)



(Plate and Frame Type)

S. No.	Models of Azad Filter Press (Plate & Frame Type)	(Horse Power) Required
1.	18"X 18"X 18 Plate and 17 Frame	2
2.	21"X 21"X 21 Plate and 20 Frame	3
3.	24"X 24"X 24 Plate and 23 Frame	5
4.	24"X 24"X 30 Plate and 29 Frame	5
5.	30"X 30"X 30 Plate and 29 Frame	7.5
6.	36"X 36"X 36 Plate and 35 Frame	10



(Gear Pump)



## Copra Cutter



S.NO.	MODEL	SIZE	H.P.
1	AZAD CC - 12	12"	1
2	AZAD CC - 18	18"	2
3	AZAD CC - 22	22"	3
4	AZAD CC - 28	28"	5

## Neutralizer



## Seed Cleaner & Grader



## Decorticator



MODEL & CHAMBER SIZE	H.P.	CAPACITY
DÉCOR - 10; 18" X 9"	3	400 KGS
DÉCOR - 20; 27" X 10"	5	800 KGS
DÉCOR - 30; 30" X 12"	7.5	1200 KGS
DÉCOR - 40; 36" X 18"	10	2600 KGS

**Steam Cooking Kettle**



Round Type



Long Type

**Baby Steam Boiler**



**Double Chamber Oil Expler**



**Triple Chamber Oil Expler**





# Oil Mill Machinery Spare Parts

Gear



Pinion



Kettle Gear



Knife Bar



Cone Point



Cone Head



Cone Ring



Quil Worm



Pressing Worm



Cone Bush



Spacing Collar



Chamber



Filter Cloth



Side Cage Bar



Sleeve With Nut



Plain Cage Bar



Main Shaft



Side Shaft



## Automatic Oil Mill Plant



## Bucket Elevator



## Screw Conveyor



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**OIL MASTER<sup>®</sup> AZADCOGZB<sup>®</sup>**



SINCE 1951

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