

Become an export quality pulses manufacturer Through
NEW ADVANCE TECHNOLOGY DOUBLE ROLLER IN
DR. P.D.K.V. AKOLA MEHER MINI DAL MILL
FOR HIGH RECOVERY & EFFICIENCY

दौजगादाची
सुवर्ण बंधी

दाल मिल
उद्योग



Double Roller Mini Dal Mill

With new combination concept of advanced disc & taper roller

Double Roller Mini Dal Mill Consist of Disc Roller, Taper Roller, blower, Cyclone Separator, elevator, Cylindrical sieve unit, one roller works in a process.

Sailent Features

- + Disc Roller make thinner to the seed coat with out split the pulses due to low pressure which helps to increase the Fatka dal recovery.
- + In taper roller complete dehusking with out splitting lkes place hence capable of producing more quantity of high quality dal.
- + Capable of producing mogar of green gram & Black gram and dehusked whole grain (gota)
- + Capable of making producing high quality, Chick pea Dal and dehusked whole grain (gota)
- + Operates on 3 HP & 56 HP, according to the capacity required
- + Easy for operation and provision of free training of dal processing.
- + Requires less space for installation i.e. 600 sq. ft. for machinery & 1000 Sq. ft. for drying.
- Minimum capital investment
- + Suitable for wheat cleaning.



डबल रोलर मिनी दाल मिल

येहर मिनी दाल मिल मध्ये खालील विभाग असतात. डिस्करोलर, टैपर रोलर, ब्लोअर, सायक्लोन सेपरेटर, इलिवेटर, सिलिंड्रिकल सिव युनिट, एगु कन्व्हेअर, ऑईल वॉटर टँकर ह्या डबल रोलर मिनी दाल मिल मध्ये एका प्रेसेस एकच रोलर घालतो

वैशिष्ट्ये -

डिस्करोलर मध्ये एकुम दाब कमी असल्यामुळे कडधान्याच्या टरफलात अल्पत घासल्या जाते व त्यामुळे कडधान्य न फुटता टरफले पातळ करून काढण्या जातात. मनुन फटका दाळीचा उतावा जास्त येतो. कडधान्याचे अधिक टरफले पातळ झाल्यावर तेलाची प्रक्रिया करून दुसऱ्या दिवशी टैपर रोलरमध्ये टाकले असता अगदी मग्न्य दाळ होऊन पुर्ण टरफले काढण्या जातात. व जास्त प्रमाणात गोटा बनतो. याची पुर्ण फटका दाळ बनते. सर्व प्रकारच्या डाळी जसे तुर, चना, मुंग व उळीदापासुन मोगर बनविण्यास उपयुक्त दाळीचा दर्जा निर्यात करण्यायोग्य उडदाचा व चन्त्याचा गोटा (टरफले काढलेला पुर्ण उळीद, चना) बनविण्यास उपयुक्त तुर दाळीचे सर्व प्रकार जसे फटका दाळ, मिनी फटका व सव्या नंबर दाळ बनविण्यास उपयुक्त क्षमतेनुसार ३,५,१० अश्याशक्तीवर चालू शकते. गहू साक करण्यास सुध्दा उपयुक्त चालविण्यास अतिशय

Recovery

Sr No.	Grain	Recovery
1	Pigeon Pea(tur)	75 to 78 %
	A. Fatka Dal (1st quality dal)	60 to 62%
	B. Sawwa Number (Second quality Dal)	10 to 16%
2	Benal Gram (chana)	78 to 82 %
3	Green Gram/Black gram (Moong/Urid)	78 to 82 %

Grader Cum Sorter

Sailent Features

- + Separates unwanted foreign material, large size & Small size partical from all grains.
- + Operates on 1 HP Motor,
- + Strting of unwanted mater and two grades of any grain can be done.
- + Capacity based on type of crop 500 to 700 kg/hr.
- + Easy for operation, skilled Labour is not necessary
- + Useful for "FATKA" Dal Making



ग्रेडर काम सॉर्टर

फक्त १ अश्याशक्ती सिंगल फेजवर देखील चालू शकते. धान्यात असलेले अनावश्यक लहान मोठेघटक सहजपणे वेगळे केले जाऊ शकतात. धान्याची प्रतवारी करण्यास उपयुक्त. तासी क्षमता ५०० ते ७०० किलो चालविण्यास अतिशय सुलभ, कुशल कामगाराची गरज नाही तुरडाळीची फटका डाळ बनविण्यास उपयुक्त.



Three Screw Nylon Rope Polisher

Consist of three screw, Hopper & Oil and Water tank. Three screw arranged horizontally one over the other bottom two screw with Nylon rope & Leather.

Sailent Features

- + Top Screw apply the polishing material & other two screw rub the material in between Nylon rope & Leather with low Sped.
- + Hence best polishing can be done to all pulses.
- + High capacity 1000 to 1500 kg/hr. Operater by only 3 HP Electric Motor.



तीन स्क्रुचे नायलॉन पॉलीशर

खालील भागाने नायलॉन पॉलीशर बनले आहे. तीन एका खालील एक वेढलेले स्क्रु, खालच्या दोन स्क्रु मध्ये नायलॉन टोरी व चामडे असते जे घान्याला एकाकी आणते. हॉपर, तेल पाण्याची टाकी इ.

वैशिष्ट्ये - बरोत पाहिल स्क्रु हा तेल पाणी व पावडर लावण्यासाठी उपयुक्त. खालील दोन स्क्रु ज्यात नायलॉन टोरी व चामडे लावले आहे त्यात चन्त्या स्क्रुने लावलेले पाणी व तेल किंवा पावडर कडधान्य डाळीला घासून लावले व जे ज्यामुळे डाळीला चकचकी येते. सर्व डाळीला पॉलीशर करतायते. पातळ करण्याची क्षमता 1000 ते 15000 किलो प्रति घण्टे 3 अश्याशक्तीवर चालते.



SHREE YMB

AGRO- TECH

MANUFACTURER : AGRICULTURE PROCESSING MACHINERIES & AGRICULTURAL IMPLEMENTS
Office & Works : Ajay Industries Compound, Plot No. H-2, Phase III, Shivar MIDC, Akola 444104
Email : ymbagro@gmail.com

Ref. No. SYMB. / /2021

Date : / /2021

To, _____

Sub :- Quotation for Dal mill plant & Wheat Cleaning Processing Plant 300 kg / hr. capacity.

Sr. No.	Particulars with Specification	Qty.	Rate Rs.	Amount Rs.
1.	Dr. P.D.K.V. MINI DAL MILL :- With Wheat Roller Taper roller, aspirator, blower, Three screen cylindrical sieve unit with screw conveyor, and 3 HP electric motor, Capacity 200Kg/hr.	1 No	89,000/-	89,000/-
2.	EXTRA MUNG, UDAD ROLLER , CHANA ROLLER (EXTRA मूंग उडद दाल का रोलर, चना अरहर तुवर रोलर)	2 No	7,000/-	14,000/-
3.	SCREEN SET (दाल और ग्रेडिंग की जाली)	3 Set.	1,500/-	4,500/-
4.	Sheller :- With 14" stone and 2 HP. Electric motor	1 No.	25,000/-	25,000/-
	Polisher :- 100 mm dia, 100 mm pitch 2.5 mm long with blower aspirator, oil/water tank with 1 HP electric motor, Capacity 200 to 300 Kg/hr.	1 No.	35,000/-	35,000/-
	TRAIL TRAINING INSTALLATION CHARGES.			5,000/-
		Total		1,72,500 /-
		+ GST @ 5%		8,625/-
		Grand Total		1,81,125/-


Terms & Conditions:

1. Price ex factory.
2. 50% advance with confirmed order by D.D. drawn in favor of SHREE YMB AGRO TECH, Akola, (MS) and balance payment at the time of delivery.
3. Delivery within 30 days.
4. Quotation valid up to 3 months.
5. Transportation Charges Extra.
Machinery Hall (10' x 15'). Building Height
Drying Plot Farm 800 Sq. Feet
We await for your valuable order.
Thanking you

GST No. 27BEBPP2392Q1ZU



Yours Sincerely,


For SHREE YMB AGRO TECH

Bank Detail : SHREE Y.M.B. AGRO-TECH , STATE BANK OF INDIA , AKOLA
A/C No. 35578616614 RTGS / NEFT IFSC : SBIN0002171



SHREE YMB

AGRO- TECH

MANUFACTURER : AGRICULTURE PROCESSING MACHINERIES & AGRICULTURAL IMPLEMENTS
Office & Works : Ajay Industries Compound, Plot No. H-2, Phase III, Shivar MIDC, Akola 444104
Email : ymbagro@gmail.com

Ref. No. SYMB. / /2021

Date : / / 2021

To,

Sub :- Quotation for Dal Mill Plant.

Sr. No.	Particulars with Specification	Qty.	Rate Rs.	Amount Rs.
1.	Dr.PKV MINI DAL MILL :- With Wheat roller, aspirator, blower, Three screen cylindrical sieve unit with screw conveyor, and 3 HP electric motor, Capacity 300Kg/hr.	1 No	89,000/-	89,000/-
2.	MIX EMRY ROLLER FOR RED / BENGAL GRAM & GREEN GRAM / BLACK GRAM (दाल बनाने वाले एमरी सिमेंट रोलर चना/ तुवर/ अरहर और मुंग, उडद, मोट)	1 No	7,000/-	7,000/-
3.	SCREEN SET FOR DAL (जालिया :- दाल बनाने के जालियो के सेट)	3 Set.	1500/-	4,500/-

Total 1,00,500 /-
+ GST @ 5% 5,025 /-
Grand Total 1,05,525 /-

Terms & Conditions:

1. Price ex factory.
2. 50% advance with confirmed order by D.D. drawn in favor of SHREE YMB AGRO TECH, Akola, (MS) and balance payment at the time of delivery.
3. Delivery within 30 days.
4. Quotation valid up to 3 months.
5. Transportation Charges Extra.
Machinery Hall (10' × 15'), Building Height 10'
Drying Plot Farm 800 Sq. Feet
We await for your valuable order.
Thanking you

GST No. 27BEBPP2392Q1ZU



Yours Sincerely,

For SHREE YMB AGRO TECH

Bank Detail : SHREE Y.M.B. AGRO-TECH Bank Name : STATE BANK OF INDIA , AKOLA
A/C No. 35578616614 RTGS / NEFT IFSC : SBIN0002171



SHREE YMB

AGRO- TECH

MANUFACTURER : AGRICULTURE PROCESSING MACHINERIES & AGRICULTURAL IMPLEMENTS
Office & Works : Ajay Industries Compound, Plot No. H-2, Phase III, Shivar MIDC, Akola 444104
Email : ymbagro@gmail.com

Ref. No. SYMB. / / 2021-22

Date : / / 2021-22

To,

Sub :- Quotation for Dal mill plant for 1.5 ton/day capacity.

Sr. No.	Particulars with Specification	Qty.	Rate Rs.	Amount Rs.
1.	PKV. Double Roller Mini Dal Mill :- With Disc roller, Elevator, aspirator, blower, Three screen cylindrical sieve unit with screw conveyor, and 5 HP electric motor, running Capacity 400 to 500 Kg/hr.	1 No.	1,65,000/-	1,65,000/-
2.	Grader :- With three replaceable sieves, Central feeding, Blower, aspirator, etc. with 1 HP. Electric Motor. Capacity 400 to 500 Kg/hr.	1 No.	65,000/-	65,000/-
3.	Sheller :-With 16" stone with 3 HP Electric Motor.	1 No.	30,000/-	30,000/-
4.	Single Polisher :- 100 mm dia, 100 mm pitch 2.5 mm long with blower aspirator, oil/water tank with 1 HP electric motor, Capacity 200 to 300 Kg/hr.	1 No.	35,000/-	35,000/-
5.	Roller :- Carburandum rollers for Green gram, Black gram, Bengal gram & Wheat Cleaning .	2 Nos.	9,000/-	18,000/-
6.	Screen Set :- For other crop.	4 Set.	3,000/-	12,000/-
	Fittings , Trail -Training & installation charges.			6,000/-
			Total	3,31,000/-
			+ GST @ 5 %	16,550/-
			Grand Total	3,47,550/-

Terms & Conditions

1. Price ex factory
2. 70% advance with confirmed order by D.D. drawn in favor of SHREE YMB AGRO TECH, Akola, (MS) and balance payment at the time of delivery.
3. Delivery within 30 days.
4. Quotation valid up to 3 months.
5. Transportation Charges Extra.

We await for your valuable order.
Contact No. 9850303204

GST No. 27BEBPP2392Q1ZU



Yours Sincerely,

For SHREE YMB AGRO TECH

Bank Detail : SHREE Y.M.B. AGRO-TECH Bank Name : STATE BANK OF INDIA ,DR.PDKV.
BRANCH AKOLA , A/C No. 35578616614 RTGS / NEFT IFSC : SBIN0002171



All India Coordinated Research Project On POST HARVEST ENGINEERING & TECHNOLOGY

Dr. Panjabrao Deshmukh Krishi Vidyapeeth,
Krishi Nagar, Akola-444104 (Maharashtra)



Dr. P. A. Borkar
Research Engineer

Email: phtsakola@gmail.com

No. RE/PHET/Test Report /388/2018

Date: 07/08/2018

TEST REPORT OF PKV MINI DAL MILL (3HP,5HP)

For the purpose of testing the PKV mini dal mill at **M/s Shree YMB Agrotech, MIDC Dist. Akola**. The inspection for specification of the machine has been carried out on dated **30/07/2018 & 06/08/2018**. The machine was found fabricated as per the drawing supplied by AICRP on post-Harvest engineering and technology, Dr. PDKV, Akola. The observation made on prototype fabricated are as follows

The prototype was tested on dated **30/07/2018, 03/08/2018 & 06/08/2018** for first, second and third pass with pigeon pea grain. A seasoned cleaned and well graded pigeon pea grain and green gram sample each of 50 kg with initial moisture content of 11.5 % (w.b) was used as sample for the trial. Following observation regarding the performance of the machine have been noted.

Capacity, Kg/h		
Pigeon pea	:	250 – 300 Kg
Green gram	:	300 – 350 Kg
Product (dal) recovery, per cent		
Pigeon pea	:	72 – 75 %
Green gram (mogar)	:	80 – 82 %

The quality of the grain, operator's skill and weather conditions are the major factors in the total percent recovery and it may vary by ± 2 to 5 %.

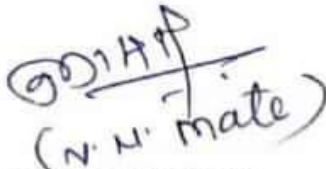


Suggestions:

1. The electric motor of three phase, 5 hp, 1440 rpm of standard makes of Kirloskar / Crompton / Texmo / Watson/Xlo need to be used.
2. 'V' belts of 'B' section of make Dunlop / Nirlon be used
3. Two coats of rust resisted primer (red oxide) of make Asian / Appcolite / Rainbow be used.
4. Spray painting (Roller finish) with paint of Asian / Berger / Gattu make and Hammer tone color to be used with spray technique.
5. It is mandatory to affix metallic label on each machine as mentioned in MoU

Remarks: Overall performance of the dal mill is satisfactory.

The test report is valid for 5 years from the date of MoU i.e. up to 16th May, 2023



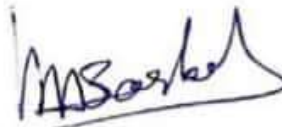
Asstt. Res. Engineer
AICRP on Post Harvest
Engg. & Technology
Dr. PDKV, Akola



Sr. Research Asstt.
AICRP on Post Harvest
Engg. & Technology
Dr. PDKV, Akola .



Tested by
Technician
AICRP on Post Harvest
Engg. & Technology
Dr. PDKV, Akola



Research Engineer
AICRP on Post Harvest
Engg. & Technology
Dr. PDKV, Akola

