

IMP 177/2021-22 (Dec)

OIL MILL CUM PURIFIER

SPECIFICATIONS AS PER REPORT OF APPLICANT

- a) Name of the Manufacturer : M/s Garnet Granites Ltd. Khannagar, Kuruda
Balasore, Odisha, Pin- 756056
- b) Name of the Applicant : Sri Pradeep Kumar Acharya
M/s Garnet Granites Ltd, At- Khannagar,
Po- Kuruda, Dist- Balasore, Phone- 9437444373.
- c) Name of Machine : Oil Mill cum Purifier
- d) Sale Price of Machine (Approx. / Indicative) : ₹ 1,25,000/-
- e) Type : Electricity/ Power Operated
- f) Make : M/s Garnet Granites Ltd.
- g) Model : GGL-OM07
- h) Capacity (kg/h) : 7-10kg / hr
- i) Crops to be processed : Oil Seed
- j) Crops under use : Mustard
- k) Sl No of the Machine : 10
- l) Year of Manufacture : 2020

IMP 178/2021-22 (Jan)

GENERAL		
Name of the Manufacturer	:	M/s Garnet Granites Ltd. At- Khannagar, Po-Kuruda, Balasore, Odisha Email – gglpka@gmail.com Phone No – 9437444373
Name of the Machine	:	Oil Mill Cum Purifier
Type	:	Electricity / Power operated
Make	:	M/s Garnet Granites Limited
Model	:	GGL - OM 60
SL No of Machine	:	GGL - OC- 05
Capacity (kg / hr)	:	60.00
SLFMTTC		
POWER UNIT		
Provision & Type	:	Electrically power, motor operated & belt pulley.
Type of primemover	:	Electrically operated 10 HP/ Three phase motor
Motor power	:	10 HP / 7.50 KW
Type of drive	:	Gear Drive
Voltage	:	400 – 440 Volt three phase operation with star delta starter.
Continuous upto	:	10 Hrs.
Power Consumption (KWH)	:	(4.40 - 4.80)

IMP 179/2021-22 (Jan)

SPECIFICATIONS

Name of Machine	: PULVERISER CUM FLOUR MILL
Name of the Manufacturer	: ABS KRISHI UDYOG Industrial Estate, Kesinga, Kalahandi, Odisha
Email	: abs.sales@rediffmail.com
Phone	: 9437576643
Type	: Electricity / Power operated
Make	: ABS Krishi Udyog
Model	: SAI SHAKTI
SL No of the Machine	: SS001Y21
Provision & Type	: Electricity / Power / Motor Operated
Type of Prime Mover	: Electrically operated Motor
Motor Power / HP	: 3HP, single phase / 2.25 KW
Type of Drive	: Direct drive through motor shaft
Year of Manufacture	: September 2021
Uniformity index of Wheat Flour & Ragi Flour	: 1.00:0.201:0.337 & 1.00:0.016:0.105
Fineness models of Wheat Flour & Ragi Flour	: 4.192 & 4.719
Average particle size in feed (mm) Wheat Flour & Ragi Flour	: 0.499 & 0.588
Recovery of Wheat Flour & Ragi Flour (%)	: 94.25% & 97%
Capacity of Machine Wheat & Ragi (kg/ h)	: 13.90 & 33.97

IMP 180/2021-22 (Jan)

Name of the Manufacturer : M/S Satyasubhra Industries Pvt. Ltd.,
Plot No-445, Khata No-140, At/Po: Tampalo,
Via- GOP, Dist-Puri, Odisha, Pin: 752110
Mob-9439700875, 9437740875
Email- ssiplindia.2020@gmail.com

Name of the Applicant : Satyabrata Khato
At/Po: Tampalo, Via: GOP
Dist.- Puri, Odisha, Pin- 752110
Contact: 9439700875, 9437740875
Email- ssiplindia.2020@gmail.com

Name of the Machine : Pulveriser (Millet Grinding)

Make : Satyasubhra Industries Pvt. Ltd

Model : S-301

Type : Electric Motor Operated

Power Source : 3 Hp / 2.25KW

Year of Manufacture : 2021

Serial number : 1206

Country of origin : Not provided

Overall dimensions (L x B x H) in mm : 585.00 x 549.00 x 1132.00

Weight of the Machine (kg) : 71.800

Fineness Modulus of Flour in % : 2.350

Uniformity Index of Flour : 1.000: 23.675: 29.378

Average Particle size in feed (mm) : 0.280

Recovery of Ragi flour (%) : 94.59

Capacity of the machine (Kg/h) : 39.98

IMP 181/2021-22 (Jan)

Name of the Manufacturer : M/S Satyasubhra Industries Pvt. Ltd.,
Plot No-445, Khata No-140, At/Po: Tampalo,
Via- GOP, Dist-Puri, Odisha, Pin: 752110
Mob-9439700875, 9437740875
Email- ssiplindia.2020@gmail.com

Name of the Applicant : Satyabrata Khato
At/Po: Tampalo, Via: GOP
Dist.- Puri, Odisha, Pin- 752110
Contact: 9439700875, 9437740875
Email- ssiplindia.2020@gmail.com

Name of the Machine : Mini Dal Mill (Electric Motor Operated)

Make : Satyasubhra Industries Pvt. Ltd

Model : S- 200

Type : Electricity / Power operated

Brand Name : Fighter Jets

Power source : Electric Motor Operated 3 HP/ 2.25KW Single
phase.

Crops to be Processed : Pulse

Crops under use : Green Gram

Sl No of the Machine : 10

Year of Manufacture : 2020

IMP 182/2021-22 (Feb)

Name of Machine : PULVERIZER

Name of the Manufacturer : AMAN ENTERPRISES
At- Bahadur Bagicha Pada, Po- Bhawanipatna,
Dist- Kalahandi, Odisha, Pin-766001
Email - rv5447@gmail.com
Phone - 9437092415, 7008770700

Type : Electricity / Power operated

Make : AMAN ENTERPRISES

Model : STAR

SL No of the Machine : AEPVL0001/21-22

Provision & Type : Electricity / Power / Motor Operated

Type of Prime Mover : Electrically operated Motor

Motor Power / HP : 2.25 kw / 3 HP, Single phase

Type of Drive : Direct drive through motor shaft

Year of Manufacture : 2021

Uniformity index of Flour : 1.00 : 27.03 : 5.52

Fineness models of Flour : 2.830

Average particle size in feed (mm) : 0.326

Recovery of Flour (%) : 93.72

Capacity of Machine / Feed rate (kg/h) : 14.98

Power Consumption (kg/kwh) : 6.13kg/1kwh

IMP 183/2021-22 (Feb)

Name of Manufacturer : PIONEER ENTERPRISERS
241 Mancheswar Industrial Estate
Bhubaneswar, Odisha, Pin- 751010
Mobile- 9937052173, 8847858823
Email- pioneerenterprisrs68@gmail.com

Name of Applicant : PIONEER ENTERPRISERS
241 Mancheswar Industrial Estate
Bhubaneswar, Odisha, Pin- 751010
Mobile- 9937052173, 8847858823
Email- pioneerenterprisrs68@gmail.com

Name of Machine : Food Grain Roasting Machine
Make : PIONEER ENTERPRISERS
Model : Super Roaster
Type : Electric Motor Operated
Power Source : 0.5 hp Single Phase Electric Motor
Crop under use : Parboiled Rice, Variety- Lalat
Year of Manufacture : 2021
Serial Number : PSR-05
Country of Origin : India

IMP 184/2021-22 (Feb)

Name of the Manufacturer : M/s Sheet Profile Company,
Main Road, Gosaninuagaon, Berhampur,
District-Ganjam, Odisha, Pin: 760003
Mobile- 9437576145
Email- sheetprofile.office@gmail.com

Name of the Applicant : Prabhat Ranjan Sahu,
Main Road, Gosaninuagaon, Berhampur,
District-Ganjam, Odisha, Pin: 760003
Mobile- 9437576145
Email- sheetprofile.office@gmail.com

Name of Machine : PUFFED RICE MAKING MACHINE CUM ROASTER (MUDI)

Make : Sheet Profile Company

Model : PRABHAT

Type : Electric Motor operated

Power Source : 0.5 HP/ 0.37 KW Electric Motor, Single Phase

Crop under use : Parboiled Rice

Variety of Rice : Lalata

Year of Manufacture : 2021

Serial Number : Not specified

Country of Origin : India

IMP 185/2021-22 (Feb)

Name of the Manufacturer : M/s Basudev Equifarm India Pvt. Ltd.
3rd floor, Krishi Bhawan, Vishal Nagar Road,
Telibandha, Raipur- 4920006
Phone – 0771-4060-787, Mob: 8454052787
Email- basudevequifarmindia@gmail.com

Name of the Applicant : M/s Basudev Equifarm India Pvt. Ltd.
3rd floor, Krishi Bhawan, Vishal Nagar Road,
Telibandha, Raipur- 4920006
Phone – 0771-4060-787, Mob: 8454052787
Email - basudevequifarmindia@gmail.com

Name of Machine : Mini Oil Mill

Type : Electricity/ Power Operated

Make : M/s Basudev Equifarm India Pvt Ltd

Model : GS- 2FOM

Capacity (kg/h) : 10.12 kg/h.

Crops to be processed : Oil Seed

Crops under use / variety : Mustard / Kohinoor

SI No of the Machine : OM 2122001

Year of Manufacture : 2021

IMP 186/2021-22 (Feb)

Name of Machine	:	Pulverizer
Name of the Manufacturer	:	SRI RAJA RAJESWARI AGRO At- Khaliapali, Po- Tope, Ps- Attabira, Dist- Bargarh, Odisha, Pin - 768027. Email – surreddy778@gmail.com Phone – 9777394999 / 8249163812
Type	:	Electricity / Power operated
Make	:	SRI RAJA RAJESWARI AGRO
Model	:	SRRAP004
SL No of the Machine	:	SRRAP0001
Provision & Type	:	Electricity / Power / Motor Operated
Type of Prime Mover	:	Electrically Operated Motor
Motor Power kw / hp	:	2.25 kw/ 3 hp, single phase
Type of Drive	:	Direct drive through motor shaft
Year of Manufacture	:	January 2021
Uniformity index of	:	1.00 : 21.698 : 14.066
Fineness modules of	:	2.565
Average particle size in feed (mm)	:	0.300
Recovery of Flour (%)	:	97.00
Capacity of Machine / Feed Rate (kg/h)	:	36.90
Power Consumption (kg/kwh)	:	2.27

IMP 187/2021-22 (Mar)

Name of the Machine	: Flour Mill (Electric Motor Operated)
Name of the Manufacturer	: M/S CHATURBHUJA AGRO FARM Balupar, Nayatola, Muradbagh Po-Garhbanaile, Dist-Purena, Bihar-854325 Tel No.:7782848799, 9431666613 Email: chaturbhujaagrofarm@yahoo.in
Type	: Electric Motor Operated
Make	: Chaturbhuja Agro Farm
Model	: FM 333
Serial Number	: 333
Type of Prime Mover	: Electric Motor Operated
Motor Power/HP	: 2.25kW/3HP, Single Phase
Type of Drive	: Belt and Pulley Operated
Year of Manufacture	: 2021
Weight of the Machine (kg)	: 74.400
Fineness Modulus of Flour in %	: 1.92
Uniformity Index of Flour	: 1.000: 31.147: 114.911
Average Particle size in feed (mm)	: 0.245
Recovery of Flour (%)	: 96.90
Feed Rate(Kg/h)	: 22.60
Capacity of the machine (Kg/kwh)	: 19.618
Country of origin	: Not provided

IMP 188/2021-22 (Mar)

Name of the Manufacturer : JOB AGRO SOLUTIONS PRIVATE LIMITED
Plot No.-1260, Tarapada, Jagatsinghpur,
Odisha, Pin-754294,
Mobile No.-9861064285, Phone No.-0672-4295320
Email: ceojaspl@gmail.com

Name of the Applicant : RAMAKANTA SWAIN,
Director, JOB AGRO SOLUTIONS PVT LTD.
Kosida, Borikina, Balikuda, Jagatsinghpur
Mobile No.-9861064285
Email: ceojaspl@gmail.com

Name of Machine : PUFFED RICE MILL

Make : JOB AGRO SOLUTIONS PRIVATE LIMITED

Model : JOB SS200

Type : Electric Motor Operated

Power Source : 0.5 HP/ 0.37 KW Electric Motor, Single Phase

Crop under use : Paddy

Variety of Rice : Swarna

Year of Manufacture : 2021

Serial Number : Not specified

Country of Origin : India

(L x B x H) in mm : 2300.00 x 790.00 x 1608.00

Bulk Density of Puffed Rice (g/cm³) : 0.112

True Density of Puffed Rice (g/cm³) : 0.175

Volumetric Expansion ratio of puffed rice : 4.89

Puffing percentage (%) : 95.90

Capacity of the machine (Kg/h) : 99.25

LPG Consumption for Puffing (Kg/h) : 4.80

IMP 189/2021-22 (Mar)

Name of the Manufacturer : M/s Sheet Profile Company,
Main Road, Gosaninuagaon, Berhampur,
District-Ganjam, Odisha, Pin: 760003
Mobile- 9437576145
Email- sheetprofile.office@gmail.com

Name of the Applicant : Prabhat Ranjan Sahu,
Main Road, Gosaninuagaon, Berhampur,
District-Ganjam, Odisha, Pin: 760003
Mobile- 9437576145
Email- sheetprofile.office@gmail.com

Name of Machine : Rice Flakes Machine (POHA)

Make : M/s Sheet Profile Company

Model : PRABHAT

Type : Electric Motor operated

Power Source : 3.0 Hp/2.2 kw Electric Motor, Single Phase

Crop under use / Variety : Paddy / Odisha Variety-1021

Year of Manufacture : 2021

Serial number : 0001

Country of Origin : India

IMP 190/2021-22 (Mar)

Name of the Manufacturer : SP AGRO INDUSTRY
At- Sambhunagar Pada, Po- Bhawanipatna,
Near- Trinath Mandir, Odisha, Pin- 766001
Email: spagroindustry2020@gmail.com
Ph- 9439725743 / 9439102500

Name of the Applicant : Sri Sujit Kumar Padhi
SP AGRO INDUSTRY
At- Sambhunagar Pada, Po- Bhawanipatna,
Near- Trinath Mandir, Odisha, Pin- 766001
Email: spagroindustry2020@gmail.com
Ph- 9439725743 / 9439102500

Name of Machine : Oil Press Machine

Type : Electricity/ Power Operated

Make : SP AGRO INDUSTRY

Model : SPAI - OPM

Capacity (kg/h) : 10.70

Crops to be processed : Oil Seed

Crops under use / variety : Mustard / Kranti

Sl No of the Machine : 01

Year of Manufacture : 2020

IMP 191/2021-22 (Mar)

Name of Machine	: Pulverizer
Name of the Manufacturer	: M/S Garnet Granites Limited At- Khannagar, Po- Kuruda, Dist- Balasore, Odisha-, Pin- 756056 Ph- 9437444373 Email- ggipka@gmail.com
Type	: Electricity / Power operated
Make	: M/S Garnet Granites Limited
Model	: GGL - 25
SL No of the Machine	: GGL-PV-009
Provision & Type	: Electricity / Power / Motor Operated
Type of Prime Mover	: Electrically Operated Motor
Motor Power kw / hp	: 2.25 kw/ 3 hp, single phase
Type of Drive	: Direct drive through motor shaft
Year of Manufacture	: 2021
Uniformity index of	: 1.00 : 39.80 : 5.92
Fineness modules of	: 2.823
Average particle size in feed (mm)	: 0.325
Recovery of Flour (%)	: 96.35
Capacity of Machine / Feed Rate (kg/h)	: 20.40
Power Consumption (kg/kwh)	: 2.52

IMP 192/2021-22 (Mar)

Name of the Manufacturer : Taradevi Agro Implements
At- Garjanpur, Po/Via- Madanpur, Ps- Rajnagar
Dist – Kendrapara, Odisha, Pin- 754246
Mobile No- 9937522408 / 8018122906
Email Id- maataradeviagroimplements@gmail.com

Name of the Applicant : Bharat Chandra Rout
At- Garjanpur, Po/Via- Madanpur, Ps- Rajnagar
Dist – Kendrapara, Odisha, Pin- 754246
Mobile No- 9937522408 / 8018122906
Email Id- maataradeviagroimplements@gmail.com

Name of Machine : Muri Making Machine
Make : TARADEVI AGRO IMPLEMENTS
Model : TAI-MM- ½ EM/ SB
Type : Electric Motor operated
Power Source : 0.5 HP Electric Motor, Crompton Greaves Make
Crop under use/ Variety : Parboiled Rice / Pateni (Odisha Variety)
Year of Manufacture : 2020
Serial number : 005
Country of Origin : India

Overall Dimension of Machine
(LxBxH) (mm) : 2565.00 x 965.00 x 1510.00
Weight (kg) : 228.79
Crop under use/ Variety : Parboiled Rice/ Pateni(Odisha Variety)
Bulk density of Puffed rice (g/cc) : 0.1184
True density of puffed rice (g/cc) : 0.162
Volumetric Expansion ratio of puffed rice : 4.99
Puffing percentage : 99.70
Capacity of the machine (kg/h) : 59.00
LPG Consumption for puffing (kg/h) : 3.40

IMP 193/2021-22 (Mar)

Name of the Manufacturer : M/S SATYASUBHRA INDUSTRIES PVT. LTD.,
Plot No-445, Khata No-140,
At/Po: Tampalo, Via: Gop,
District- Puri, Pin- 752110.
Phone- 9439700875, 9437740875
Email- ssiplindia.2020@gmail.com

Name of the Applicant : SATYABRATA KHATOI,
At/Po: Tampalo, Via: Gop,
District- Puri, Pin- 752110.
Phone- 7683900875, 9437740875
Email- ssiplindia.2020@gmail.com

Name of Machine : Chuda / Poha Mill
Make : SATYASUBHRA INDUSTRIES PVT. LTD.
Model : S-600
Brand : FIGHTER JETS
Type : Electric Motor operated
Power Source : 3.0 hp Electric Motor, Single Phase /2.25kw
Crop under use / Variety : Roasted Paddy / Puja variety
Year of Manufacture : 2021
Serial number : Not specified
Country of Origin : India

Overall Dimensions of Chuda / Poha Mill
(L x W x H) (mm) : 1118.00 x 919.00 x 1342.00
Weight (kg) : 393.96
Crop under Use / Variety : Raw Paddy / Puja Variety
Bulk Density of Flaked Rice (g/cm³) : 0.348
True Density of Flaked Rice (g/cm³) : 0.575
Volumetric Expansion ratio of flaked rice : 1.0576
Flaking percentage (%) : 98.25
Capacity of the machine (kg/h) : 39.64
Power Consumption for flaking (kwh) : 2.05

IMP 194/2021-22 (Mar)

Name of Machine : MINI RICE MILL

Name of the Manufacturer : M/s Garnet Granites Ltd.
At-Khannagar, Po- Kuruda, Dist- Balasore,
Odisha, Pin-756056
Email – ggipka@gmail.com
Phone – 9437444373

Make : M/s Garnet Granites Ltd.

Model : GGL-155

Type : Electricity / Power Operated

Brand Name : GGL

Power source : 3 HP Single Phase Electric Motor operated

Crops to be processed : Raw Paddy

Crops under use/ variety : Paddy / Samba Masouri

Sl No. of the Machine : GGL-RC₃-005

Year of Manufacture : 2021

IMP 195/2022-23 (Mar)

Name of the Manufacturer : PRAGATI ENGINEERING
11/2, Industrial Estate,
Madhupatna, Cuttack- 753010, Odisha
Mobile No.- 9437053066
Email I'd-pragatiengineering66@yahoo.com

Name of the Machine / Equipment : MINI OIL MILL (with 2HP Motor)

Make : Pragati Engineering

Model : PEMOM-66

Type : Electricity / Power operated

Sl No. of Machine : 016

Year of Manufacture : 2021

Capacity (kg / hr) : 15.60

POWER UNIT

Provision & Type : Electrically powered and motor operated

Type of Prime Mover : Electrically operated 2 HP/ Single phase motor

Motor power : 2 HP / 1.5kW

Type of drive : Gear Drive

Voltage : 200-440 Volt single phase operation

Power Consumption (kwh) : 1.26

Percentage of Oil Recovery (%) : 29.11

IMP 196/2022-23 (May)

Name of Machine	:	PULVERIZER
Name of the Manufacturer	:	Dibyanka Agro (India) Pvt Ltd. At/ Po- Tadada, Via- Jamsuli, Balasore, Odisha- 756081 Phn - 06781-295407, 7683995088 Email Id- dibyankaagro321@gmail.com
Type	:	Electricity / Power operated 3hp single phase.
Make	:	Dibyanka Agro (India) Pvt Ltd
Model	:	DAIPL-PUL-3
Brand Name	:	Dibyanka
Weight (kg)	:	43.400
Overall Dimension (L x B x H) (mm)	:	632.00 x 427.68 x 1019.00
Sl. No. of the Machine	:	0027/2021
Provision & Type	:	Electricity / Power / Motor Operated
Type of Prime Mover	:	Electrically Operated Motor
Motor Power kw / hp	:	2.25 kw/ 3 hp, single phase
Type of Drive	:	Direct drive through motor shaft
Year of Manufacture	:	2021
Uniformity index of	:	1.00 : 10.069 : 2.370
Fineness modules of	:	2.981
Average particle size in feed (mm)	:	0.342
Recovery of Flour (%)	:	97.50
Capacity of Machine / Feed Rate (kg/h)	:	17.14
Power Consumption (kg/kwh)	:	2.320

IMP 197/2022-23 (May)

Name of the Manufacturer : Taradevi Agro Implements
At- Garjanpur, Po/Via- Madanpur, Ps- Rajnagar
Dist – Kendrapara, Odisha, Pin- 754246
Mobile No- 9937522408
Email Id- maataradeviagroimplements@gmail.com

Name of the Applicant : Bharat Chandra Rout
At- Garjanpur, Po/Via- Madanpur, Ps- Rajnagar
Dist – Kendrapara, Odisha, Pin- 754246
Mobile No- 9937522408
Email Id- maataradeviagroimplements@gmail.com

Name of Machine : CHURA MAKING MACHINE
Make : M/s Taradevi Agro Implements
Model : TAI-CM-EM-SB
Type : Electric Motor operated
Power Source : 3.0 HP/2.25KW, Electric Motor, Single Phase
Crop under use / Variety : Paddy / Pateni
Year of Manufacture : 2021
Serial Number : 06
Country of Origin : India

OVERALL DIMENSIONS OF MACHINE

(L x W x H) in (mm) : 1276.00 x 1087.00 x 1265.00
Weight (kg) : 390.00
Colour : Green & Yellow
Crop under Use/ Variety : Raw Paddy / Pateni
Bulk Density of Flaked Rice (g/cm³) : 0.38
True Density of Flaked Rice (g/cm³) : 0.492
Volumetric Expansion ratio of flaked rice : 0.765
Flaking percentage : 98.50
Capacity of the machine (kg/h) : 41.00
Power Consumption for flaking (kwh) : 1.959

IMP 198/2022-23 (May)

Name of the Manufacturer	: Garnet Granites Ltd. At-Khannagar, Po-Kuruda, Dist-Balasore, Odisha, Pin- 756056 Email – gglpka@gmail.com, Phone – 9437444373
Name of the Applicant	: Sri Pradeep Kumar Acharya At- Basantapur, Po-Genguti, Via- Kuruda, Dist.- Balasore, Odisha, Pin-756056, Email – pradipacharya83@gmail.com, Phone – 9437444373
Name of the Machine	: Flattened Rice Machine
Make	: Garnet Granites Ltd.
Model	: GGL – FRM 130
Brand	: GGL
Type	: Electricity / Power Operated
Power Source	: 3HP Electric Motor / 2.25Kw
Crop under use / Variety	: Paddy / Pateni
Year of Manufacture	: January 2022
Serial number	: GGL - 0007
Country of Origin	: India
Overall Dimensions (L x W x H) (mm)	: 1087 x 922 x 1216
Weight(kg)	: 422.00
Colour	: Blue & White
Crop under Use/ Variety	: Paddy / Pateni
Bulk Density of Flaked Rice (g/cm ³)	: 0.362
True Density of Flaked Rice (g/cm ³)	: 0.593
Volumetric Expansion ratio of flaked rice	: 0.85
Flaking percentage	: 98.50
Capacity of the machine (kg/h)	: 40.14
Power Consumption for flaking (kwh)	: 1.906

IMP 199/2022-23 (May)

Name of the Manufacturer	: Satyasubhra Industries Pvt. Ltd., Plot No-445, Khata No-140, At/Po: Tampalo, Dist-Puri, Odisha, Pin: 752110 Mob-9439700875, 9437740875 Email- ssiplindia.2020@gmail.com
Name of the Applicant	: Satyabrata Khato Satyasubhra Industries Pvt. Ltd., Plot No-445, Khata No-140, At/Po: Tampalo, Dist-Puri, Odisha, Pin: 752110 Mob-9439700875, 9437740875 Email- ssiplindia.2020@gmail.com
Name of Machine	: PUFFED RICE MILL
Make	: SATYASUBHRA INDUSTRIES PVT. LTD.
Model	: S-500
Brand	: FIGHTER JETS
Type	: Electric Motor operated
Power Source	: 0.5HP/ 0.37 kW / Electric Motor
Crop under use / Variety	: Paddy / Pateni
Year of Manufacture	: 2021
Serial Number	: 003
Country of Origin	: India
Overall Dimension of the Machine	
(LxBxH) (mm)	: 2535.00 x 912.00 x 1458.00
Weight (kg)	: 204.00
Crop under use / Variety	: Paddy / Pateni
Bulk density of Puffed rice (g/cc)	: 0.107
True density of puffed rice (g/cc)	: 0.145
Volumetric Expansion ratio of puffed rice	: 7.95
Puffing percentage (%)	: 93.62
Capacity of the machine (kg/h)	: 55.80
LPG Consumption for puffing (kg/h)	: 3.60

IMP 200/2022-23 (May)

Name of the Manufacturer : PRAGATI ENGINEERING
11/2, Industrial Estate, Madhupatna,
Cuttack- 753010, Odisha
Mobile No.- 9437053066

Name of the Machine / Equipment : OIL MILL (with 7.50 HP Motor)

Type : Electricity/Power operated

Make : Pragati Engineering

Model : PEHOM- 66 (Heavy)

Sl No. of Machine : IMP 200 /2022- 23

Capacity (kg/hr) : 36.00

Year of Manufacture : 2021

POWER UNIT

Provision & Type : Electrically power, motor operated through belt pulley.

Type of prime mover : Electrically operated 7.5HP / Single phase motor

Motor power, HP/kW : 7.5HP / 5.50

Type of drive : Gear Drive

Power Consumption (kWh) : 2.40

Percentage of oil recovery (%) : 30.65

IMP 201/2022-23 (Jun)

Name of the Manufacturer : Brundaban Jew Enterprises,
At- Renupada, Po- Barada, Basta, Balasore
Odisha- 756022
Email Id- brundabanjew@gmail.com
Mobile No.- 9583216150

Name of the Applicant : Manoranjan Das Adhikari
Brundaban Jew Enterprises,
At- Renupada, Po- Barada, Basta, Balasore
Odisha- 756022
Email Id- brundabanjew@gmail.com
Mobile No.- 9583216150

Name of Machine : RICE PUFFING MACHINE
Make : BRUNDABAN JEW
Model : BJE-963
Brand : Swarojgar-3
Type : Motor operated (1HP Single Phase)
Power Source : 1HP / 0.75 kW / Electric Motor
Crop under use / Variety : Paddy/Parboiled Rice/GOVIND
Year of Manufacture : 2021
Serial number : 005
Country of Origin : India

Overall Dimension of the Machine

(L x B x H) (mm) : 2270.00 x 1382.00 x 2885.00
Weight (kg) : 274.80
Crop under use / Variety : Parboiled Rice / GOBIND
Bulk density of Puffed rice (g/cc) : 0.1406
True density of puffed rice (g/cc) : 0.180
Volumetric Expansion ratio of puffed rice : 6.37
Puffing percentage (%) : 95.20
Capacity of the machine (kg/h) : 3.20
LPG Consumption for puffing (kg/h) : 1.00

IMP 202/2022-23 (Jun)

Name of the Manufacturer : Andavar Lathe Works
55, New Bus Stand Road, New Shandy Road,
Erode, Tamilnadu- 638003,
Mob- 9842722045
Mail Id- andavarlatheworks@gmail.com

Name of the Machine / Equipment : Oil Seed Crushing Machine

Type : Electricity / Motor operated

Make : Andavar Lathe Works

Model : Mini Wood King

SL No of Machine : Not Mentioned

Capacity (kg / hr.) : 14.00

Weight of the Machine (kg) : 391.68

Year of Manufacture : 06/2021

Power unit

Provision & Type : Electric motor operated through gear drive

Type of prime mover : Electric Motor 2HP / 1.50 kW

Motor power : 2HP / 1.50 kW

Type of drive : Gear drive

Voltage : 215.00

Average Power Consumption (kWh) : 0.782

Crop under use : Mustard

Variety : PUSA - 28

Oil extraction % at rated capacity : 29.59

Overall Dimension (L x W x H) (mm) : 1125.00 x 530.00 x 1455.00

Free Fatty Acid, FFA (%) : 0.693

Acid value of oil : 1.00

IMP 203/2022-23 (Jun)

Name of Machine	: Pulverizer
Name of the Manufacturer	: Aquatix India. At- Madan Mohan Lane, PO- Nayabazar, Near- Darkha Patna Durga Puja Mandap, Cuttack, Odisha- 753004 Ph- 6370211586, 9937643750 Email Id- aquatixindia@rediffmail.com
Type	: Electricity / Power operated 3hp single phase.
Make	: SECHANAM
Model	: AIP-06
Brand Name	: SECHANAM
Weight (kg)	: 72.800
Overall Dimension (L x B x H) (mm)	: 683.00 x 451.00 x 1224.00
Sl. No. of the Machine	: AIP 2022 01
Provision & Type	: Electricity / Power / Motor Operated
Type of Prime Mover	: Electrically Operated Motor
Motor Power (kw / hp)	: 2.2 kW/ 3 hp, single phase
Type of Drive	: Direct drive through motor shaft
Year of Manufacture	: April 2022
Uniformity index of Ragi Flour	: 1.00 : 28.562 : 6.934
Fineness modules of Ragi Flour	: 2.804
Average particle size in feed (mm)	: 0.324
Recovery of Flour (%)	: 97.47
Capacity of Machine / Feed Rate (kg/h)	: 36.60
Average Power Consumption (kWh)	: 2.18

IMP 204/2022-23 (Jun)

Name of the Manufacturer	: Garnet Granites Ltd. At-Khannagar, Po-Kuruda, Dist-Balasore, Odisha, Pin- 756056 Email – gglpka@gmail.com Phone – 9437444373
Name of the Applicant	: Garnet Granites Ltd. At-Khannagar, Po-Kuruda, Dist-Balasore, Odisha, Pin- 756056 Email – gglpka@gmail.com Phone – 9437444373
Name of the Machine	: Rice Puffing Machine
Make	: Garnet Granites Ltd.
Model	: GGL – RPM – 105
Type	: Electricity / Motor Operated
Power Source	: 0.5 HP/ 0.37 KW Electric Motor, Single Phase
Crop under Use/ Variety	: Parboiled Rice/ GOPAL BHOG
Year of Manufacture	: Jan 2022
Serial No.	: G-0008
Country of Origin	: India
(L x B x H) in (mm)	: 2520.00 x 1140.00 x 1500.00
Bulk Density of Puffed Rice (g/cm ³)	: 0.1168
True Density of Puffed Rice (g/cm ³)	: 0.158
Volumetric Expansion ratio of puffed rice	: 8.53
Puffing percentage (%)	: 93.70
Capacity of the machine (kg/h)	: 70.00
LPG Consumption for Puffing (kg/h)	: (2.80+0.60)= 3.40kg

IMP 205/2022-23 (Jun)

Name of Machine	: PULVERIZER
Name of the Manufacturer	: SAI AGRO EQUIPMENT At- Sivnarayanpur, PO – Swamapatna, PS- Patana , Dist - Keonjhar Odisha, Pin – 758030 Phone –9556607096 / 9437983462 Email ID– prakashlipu.221@gmail.com
Type	: Electricity Power Operated
Make	: SAI AGRO EQUIPMENT
Model	: SAI-04
Weight (kg)	: 54.00
Overall Dimension (L x B x H) (mm)	: 675.00 x 426.00 x 1000
SL No of the Machine	: Not Mentioned
Provision & Type	: Electricity / Power / Motor Operated
Type of Prime Mover	: Electrically Operated Motor
Motor Power / HP	: 2.2 kW/ 3 Hp, single phase
Type of Drive	: Direct drive through motor shaft
Year of Manufacture	: Not mentioned
Uniformity index of Ragi Flour	: 1.00 : 20.285 : 3.248
Fineness modules of Ragi Flour	: 2.950
Average particle size in feed (mm)	: 0.338
Recovery of Flour (%)	: 97.35
Capacity of Machine / Feed Rate (kg/ h)	: 37.25
Output Capacity (kg/h)	: 36.25

IMP 206/2022-23 (Jul)

Name of Machine	: PHM-MINI FLOUR MILL
Name of the Manufacturer	: Andavar Lathe Works 55, New Bus Stand Road, New Shandy Road, Erode, Tamilnadu- 638003, Mob- 9842722045 Mail Id- andavarlatheworks@gmail.com
Type	: Electricity / Power operated 3hp single phase.
Make	: Andavar Lathe Works
Model	: FLOUR SERIES- 3 SS
Weight (kg)	: 55.50
Overall Dimension (L x B x H) (mm)	: 675.00 x 415.00 x 915.00
Sl. No. of the Machine	: 2203098
Provision & Type	: Electricity / Power Operated
Type of Prime Mover	: Electricity Operated Motor
Motor Power (kw / hp)	: 2.20 Kw/3hp single phase
Type of Drive	: Direct drive through Motor Shaft
Year of Manufacture	: 2022
Uniformity index of Ragi Flour	: 1.00:152.09:74.181
Fineness modules of Ragi Flour	: 2.536
Average particle size in feed (mm)	: 0.297
Recovery of Flour (%)	: 97.69
Capacity of Machine / Feed Rate (kg/h)	: 36.00
Average Power Consumption (kWh)	: 2.69

IMP 207/2022-23 (Jul)

Name of Machine	: MINI RICE MILL (Electric Operated)
Name of the Manufacturer	: SUN AGRO C/o- Adarsh Service Station, G.E. Road, Supela, Bhilai, Chhatisgarh- 490023 Email – sunagrobhilai@gmail.com Phone – 9713100487, 9131110928
Make	: SUN AGRO
Model	: SA-6N110B
Type	: Electricity / Power Operated
Brand Name	: SUNFARM
Power source	: 3 HP Single Phase Electric Motor operated
Crops to be processed	: Raw Paddy
Crops under use	: Paddy
Sl No. of the Machine	: Not mentioned
Year of Manufacture	: 2022
Overall Dimension (LxBxW) (mm)	: 814 x 377 x 1247
Weight (kg)	: 59.40
Rated Input capacity (Kg/h)	: 185.00
Output capacity (Kg/h)	: 114.92
Percentage of Husk (%)	: 26.85
Percentage of Broken (%)	: 14.51
Shelling efficiency (%)	: 94.74
Degree of milling (%)	: 7.26
Power Consumption (KWh)	: 2.965

IMP 208/2022-23 (Aug)

Name of Machine	: MINI FLOUR MILL-CUM-PULVERIZER
Name of the Manufacturer	: BASUDEV EQUIFARM INDIA PVT LTD. 3 rd Floor, Krushi Bhavan, Vishal Nagar Road, Telibandha, Raipur, Pin- 492006, (C.G) Phone No.- 8454052787 Email Id:- basudevequifarmindia@gmail.com
Type	: Electricity Power Operated
Make	: GREEN SWADES
Model	: GS – 1HFM
Weight (kg)	: 109.00
Overall Dimension (L x B x H) (mm)	: 655.00 x 400.00 x 1069.00
SL No of the Machine	: FM2223001
Provision & Type	: Electricity / Power / Motor Operated
Type of Prime Mover	: Electrically Operated Motor
Motor Power / HP	: 2.20 kW/ 3.00 Hp, single phase
Type of Drive	: Direct drive through motor shaft
Year of Manufacture	: 2022
Uniformity index of Flour	: 1.00 : 31.40 : 9.96
Fineness models of Flour	: 2.424
Average particle size in feed (mm)	: 0.287
Recovery of Flour (Wheat) (%)	: 97.05
Capacity of Machine / Feed Rate (kg/ h)	: 20.00
Output Capacity (kg/h)	: 19.41

IMP 209/2022-23 (Aug)

Name of Machine	: MINI OIL MILL
Name of the Manufacturer	: ODISHI TOOLS PVT. LTD., 2nd Floor, City Plaza Building, V.N.Marg, Dist- Balasore, Odisha, Pin Code-756001, Tel No.- 8280235678 Email I'd- odishitools@gmail.com
Make	: ODISHI TOOLS PVT. LTD.
Model	: OT-OM78
Type	: Electricity / Motor operated
Brand Name	: OTL
Sl No. of the Machine	: OTOM-108
Capacity (kg / hr)	: 20.00
Weight of the Machine (kg)	: 430.00
Year of Manufacture	: 2021
POWER UNIT	
Provision & Type	: Electric motor operated through gear drive
Type of prime mover	: Electric Motor 3HP / 2.25 kW
Motor power	: 3HP / 2.25 kW
Type of drive	: Gear drive
Voltage	: 220-230
Average Power Consumption (kWh)	: 1.272
Crop under use	: Mustard
Variety	: PUSA-28
Oil extraction (%) at rated capacity	: 29.00
Overall Dimension (L x W x H) (mm)	: 1310.00 x 670.00 x 1460.00
Free Fatty Acid, FFA (%)	: 0.918
Acid value of oil	: 1.00

IMP 210/2022-23 (Aug)

Name of Machine	: MINI RICE MILL (Electric Motor Operated)
Name of the Manufacturer	: SP AGRO INDUSTRY At-Sambhunagar Pada, Po – Bhawanipatana, Dist – Kalahandi, Odisha, 766001 Email – spagroindustry2020@gmail.com Phone – 9439725743 / 9439102500
Type	: Electricity / Power operated
Make	: SP AGRO INDUSTRY
Model	: SPAI - MRM
Power source	: 3HP Electric Motor Operated
Crops to be Processed	: Raw Paddy
Crops under use/ Variety	: Paddy / VNR-II
Sl No. of the Machine	: 06
Year of Manufacture	: Not mentioned
Acid value of oil	: 1.00
Overall Dimension (LxBxW) mm	: 720 x 405 x 1135
Weight (kg)	: 49.10
Rated Input capacity (kg/h)	: 162.00
Output capacity (kg/h)	: 99.89
Percentage of Broken (%)	: 24.25
Percentage of Husk (%)	: 39.20
Shelling efficiency	: 72.08
Degree of Milling (%)	: 9.95
Power consumption (kWh)	: 2.75

IMP 211/2022-23 (Aug)

Name of Machine : RICE MILL

Name of the Manufacturer : SHB AGRO POWER INDIA PVT LTD.
V.N Road, Sukh Sadan, Near- Uttarayan Building,
Coochbehar, West Bengal- 736101 (India)
Phone No-9748135388 / 7890918229
Email Id: amajomder68@gmail.com

Make : SHB

Model : SHB 6N-2018

Type : Electricity

Power source HP / kW : Electric Motor Operated 3HP/2.25

Crops to be processed : Raw Paddy

Crops under use / variety : Paddy / Swarna

Sl No. of the Machine : SHB/RM/APR/21-22/0090

Year of Manufacture : 2021-22

Overall Dimension (L x B x H) (mm) : 532.00 x 380.00 x 1070.00

Rated input capacity of the machine (kg/h) : 126.00

Output capacity (kg/h) : 76.20

Efficiency (%) : 86.77

Degree of milling (%) : 9.80

Broken (%) : 24.012

Power consumption (kWh) : 2.13

IMP 212/2022-23 (Sept)

Name of Machine	: MINI RICE MILL
Name of the Manufacturer	: AQUATIX INDIA At- Madan Mohan Lane, PO- Nayabazar, Near- Darkha Patna Durga Puja Mandap, Cuttack, Odisha- 753004 Ph- 6370211586, 9937643750 Email Id- aquatixindia@rediffmail.com
Type	: Electricity / Power operated
Make	: SECHANAM
Model	: AIMR - 100
Power source HP/KW	: Electric motor operated 3 HP
Crops to be Processed	: Raw Paddy
Crops under use/ Variety	: Paddy/ Puja
SL No of the Machine	: 06
Year of Manufacture	: 04/ 2022
Overall Dimension (LxBxW) mm	: 805.00 x 400.00 x 1185.00
Weight (kg)	: 56.40
Rated Input capacity (kg/h)	: 160.00
Output capacity (kg/h)	: 100.48
Percentage of Broken (%)	: 7.46
Percentage of Husk (%)	: 38.40
Shelling efficiency	: 77.43
Degree of Milling (%)	: 10.12
Power consumption (kWh)	: 2.93

IMP 213/2022-23 (Sept)

Name & address of Manufacturer : **AJAY ENGINEERING WORKS & EQUIPMENT PVT LTD.**
S.H -10, Opposite seven hill school, Padhiapalli
Po – Shankarma, Sambalpur – 768006.
E-mail:ajayenggpvttld2019@gmail.com.
Phone- 9437065201

Name & address of the Applicant : **AJAY ENGINEERING WORKS & EQUIPMENT PVT LTD.**
S.H -10, Opposite seven hill school, Padhiapalli
Po – Shankarma, Sambalpur – 768006.
E-mail:ajayenggpvttld2019@gmail.com.
Phone- 9437065201

Name of Implement : ROTAVATOR
Type : Tractor Operated, Gear Drive
Make : Ajay Engineering Works & Equipment Pvt Ltd.
Model : AE – ROT – 5
Sl No. of the Machine : Not Mentioned
Year of Manufacture : 2021
Working width of Implement (mm) : 1500.00
Area covered (ha/h) : Dry land (0.287 to 0.303), Wet Land (0.20 to 0.24)
Tractor Horse Power required : 40HP & above
Type of Blade : L-shaped (Hatchet)
No. of Blades : 36
Fuel consumption : (L/h) – Dry land (3.74 to 3.92) Wet land (4.03 to 4.10)
(L/ha) – Dry land (12.508 to 13.033) Wet land (17.07 to 20.00)

IMP 214/2022-23 (Sept)

Name of Machine	: SUPER CHIWDA MAKER
Name of the Manufacturer	: PIONEER ENTERPRISERS Plot No-241, Mancheswar Industrial Estate, Bhubaneswar, Khurda, Pin- 754246 Phone- 9937052173 Email I'd- pioneer.enterprisers68@gmail.com
Name of the Applicant	: PIONEER ENTERPRISERS Plot No-241, Mancheswar Industrial Estate, Bhubaneswar, Khurda, Pin- 754246 Phone- 9937052173 Email I'd- pioneer.enterprisers68@gmail.com
Make	: PIONEER ENTERPRISERS
Model	: Super Chiwda Maker
Brand	: PIONEER ENTERPRISERS
Type	: Electric Motor operated
Power Source	: 3.0 hp Electric Motor, Single Phase
Crop under use / Variety	: Paddy / Bina-II
Year of Manufacture	: 2021
Serial number	: Not mentioned
Country of Origin	: India
Overall Dimensions of Machine	
(L x W x H) in (mm)	: 1275.00 x 1090.00 x 1115.00
Weight(kg)	: 390.70
Colour	: Green
Bulk Density of Flaked Rice (g/cm ³)	: 0.378
True Density of Flaked Rice (g/cm ³)	: 0.589
Volumetric Expansion ratio of flaked rice	: 1.224
Flaking percentage	: 93.00
Capacity of the machine (kg/h)	: 39.85
Power Consumption for flaking (kwh)	: 1.48

IMP 215/2022-23 (Sept)

Name of Machine	: RUBBER ROLL SHELLER-CUM-POLISHER
Name of the Manufacturer	: GARNET GRANITES LTD., AT- KHANNAGAR, SERGARH, PO- KURUDA, DIST- BALASORE, ODISHA-756056 PH NO.- 9437444373 Email Id- gglpka@gmail.com
Make	: M/s Garnet Granites Ltd.
Model	: GGL- RR03
Type	: Electricity / Power operated,
Power Source, HP/kW	: 3HP/2.25, Electric Motor, Single phase
Overall dimensions (L x B x H) (mm)	: 700.00 x 765.00 x 1310.00
Weight (kg)	: 94.80
Input capacity of Dehusker (kg/h)	: 155.00
Output capacity (kg/h)	: 123.16
Percentage of broken rice (%)	: 1.68
Percentage of husk (%)	: 19.52
Shelling Efficiency (%)	: 97.67
Input capacity of polisher (kg/h)	: 123.16
Output capacity of polisher (kg/h)	: 108.38
Percentage of broken rice of polisher (kg) (%)	: 4.761
Percentage of bran (%)	: 12.00
Degree of polish	: 8.95
Recovery percentage (%)	: 88.00
Power consumption (kWh)	: 2.64
Crops to be processed	: Paddy
Crops under use / variety	: Parboiled paddy / Swarna
Shelling efficiency (%)	: 97.67

IMP 216/2022-23 (Sept)

Name of Machine	: RUBBER ROLL SHELLER-CUM-POLISHER (RICE)
Name of the Manufacturer	: R.K. MANUFACTURES Nirmal Industrial Area, Survey No.- 30, Gopal Hotel Street, Opp. Neptune Cast, N.H. 27, Vavdi, Rajkot- 360004 Email Id: rkmanufactures@gmail.com
Make	: R.K. MANUFACTURES, GUJARAT (WALSON BRAND)
Model	: 1RK 190
Brand Name	: WALSON
Type	: Electricity / Power operated,
Power Source	: 4 hp Electric Motor, Single phase
HP / kw	: 4.00 / 3.00
Overall dimensions (L x B x H) (mm)	: 1111.00 x 575.00 x 1292.00
Weight (kg)	: 107.20
Input capacity of dehusker (kg/h)	: 172.00
Output capacity (kg/h)	: 136.53
Percentage of broken rice (%)	: 4.60
Percentage of husk (%)	: 20.62
Shelling efficiency (%)	: 95.16
Input capacity of polisher (kg/h)	: 136.53
Output capacity of polisher (kg/h)	: 118.17
Percentage of broken rice of polisher (%)	: 9.923
Percentage of bran(%)	: 13.45
Degree of polish, (%)	: 7.31
Overall recovery of polished rice (%)	: 68.70
Crops to be processed	: Paddy
Crops under use/ Variety	: Raw Paddy/ Swarna Massori
Year of manufacture	: 2021
Sl. No. of the machine	: Not mentioned

IMP 217/2022-23 (Sept)

Name of Machine	: PULVERIZER
Name of the Manufacturer	: TRISPAN FARM EQUIPMENTS AND ENGINEERINGS, At/Po- Patenigaon (Barti Bus Stop), Via- Tarapur, Dist- Jagatsinghpur, Odisha- 754133, Ph- 9438210120 Email Id- sumitatrspan@gmail.com
Type	: Electricity / Power operated 3HP, Single Phase.
Make	: TRISPAN FARM EQUIPMENTS AND ENGINEERINGS
Model	: TPLV30
Brand Name	: TRISPAN
Weight (kg)	: 67.90
Overall Dimension (L x B x H) (mm)	: 710.00 x 420.00 x 1158.00
Sl. No. of the Machine	: Not mentioned
Provision & Type	: Electricity / Power / Motor Operated
Type of Prime Mover	: Electrically Operated Motor
Motor Power (kW / HP)	: 2.25 kW/ 3 HP, single phase
Type of Drive	: Direct drive through motor shaft
Year of Manufacture	: 2021
Uniformity Index of Flour	: 1.00 : 83.75 : 40.25
Fineness modulus of Flour	: 2.526
Average particle size in feed (mm)	: 0.296
Recovery of Flour (%)	: 98.00
Capacity of Machine / Feed Rate (kg/h)	: 45.20
Average Power Consumption (kWh)	: 2.64

IMP 218/2022-23(Sept)

Name & address of Manufacturer : AJAY ENGINEERING WORKS & EQUIPMENT PVT LTD.
S.H -10, Opposite seven hill school, Pardhiapalli
Po – Shankarma, Sambalpur – 768006.
E-mail:ajayenggptltd2019@gmail.com.
Phone- 9437065201

Name & address of the Applicant : AJAY ENGINEERING WORKS & EQUIPMENT PVT LTD.
S.H -10, Opposite seven hill school, Pardhiapalli
Po – Shankarma, Sambalpur – 768006.
E-mail:ajayenggptltd2019@gmail.com.
Phone- 9437065201

Name of Implement : ROTAVATOR
Type : Tractor Operated, Gear Drive
Make : Ajay Engineering Works & Equipment Pvt Ltd.
Model : AE – ROT – 6
Sl No. of the Machine : Not Mentioned
Year of Manufacture : 2021
Working width of Implement (mm) : 1750.00
Area covered (ha/h) : Dry land (0.46 to 0.502) Wet land (0.312 to 0.332)
Tractor Horse Power required : 45 HP and above
Type of Blade : L-Shaped (Hatchet)
No. of Blades : 42.00
Fuel consumption : (L/h) – Dry land (4.40 to 4.72) Wet land (3.76 to 4.05)
(L/ha) – Dry land (9.32 to 10.26) Wet land (11.80 to 12.85)

IMP 219/2022-23 (Sept)

Name of Machine	: MULTIPURPOSE PULVERIZER
Name of the Manufacturer	: AATOMIZE MANUFACTURING PVT LTD. Plot No.- 6/7, B/H, Veraval Village, Captain Tractor Street, Padvala Road, Sapar- Veraval, Ta. Kotda, Sangani, Rajkot- 360024, Gujrat, (India) Ph- 8511177165/ 8511177168 Email Id- cmd@aatomize.com
Type	: Electricity / Power operated 3hp single phase.
Make	: AATOMIZE
Model	: AZ302S
Weight (kg)	: 103.80
Overall Dimension (L x B x H) (mm)	: 825.00 x 431.00 x 1090.00
Sl. No. of the Machine	: AA12206
Provision & Type	: Electricity / Power / Motor Operated
Type of Prime Mover	: Electrically Operated Motor
Motor Power (kW / HP)	: 2.2 / 3.00, Single Phase
Type of Drive	: Direct drive through motor shaft
Year of Manufacture	: 2022
Uniformity Index of Flour (Wheat)	: 1.00:32.20:5.55
Uniformity Index of Flour (Rice)	: 1.00:4.185:180.00
Fineness modulus of Flour (Wheat)	: 2.866
Fineness modulus of Flour (Rice)	: 0.014
Average particle size in feed (mm) (Wheat)	: 0.330
Average particle size in feed (mm) (Rice)	: 0.136
Recovery of Flour (%) (Wheat)	: 95.15
Recovery of Flour (%) (Rice)	: 96.00
Capacity of Machine / Feed Rate (kg/h) (Wheat)	: 25.60
Capacity of Machine / Feed Rate (kg/h) (Rice)	: 34.50
Average Power Consumption (kWh) (Wheat)	: 3.25
Average Power Consumption (kWh) (Rice)	: 3.39

IMP 220/2022-23 (Oct)

Name of Machine	: RICE SHELLER CUM POLISHER - HULLER
Name of the Manufacturer	: GARNET GRANITES LTD. At-Khannagar, Sergarh, Dist- Balasore, Odisha, Pin-756056 Email – ggIpka@gmail.com Phone – 9437444373
Make	: Garnet Granites Ltd.
Model	: GGL-RSP 005
Brand Name	: GGL
Type	: Electricity / Power Operated
Power source	: Electric Motor Operated
KW/ HP	: 3.70 / 5.00
Crops to be processed	: Raw Paddy
Crops under use	: Raw Paddy / Samba Massori
Sl No. of the Machine	: 1015
Year of Manufacture	: 2022
Overall Dimension (LxBxH) (mm)	: 655.00x410.00x1305.00
Weight (kg)	: 93.90
Input capacity (kg/h)	: 310.00
Output capacity (kg/h)	: 168.95
Recovery (%)	: 67.55
Degree of milling (%)	: 10.476
Percentage of broken	: 19.763
Power consumption (kw/h)	: 3.78
Effeciency (%)	: 82.57

IMP 221/2022-23 (Oct)

Name of Machine	: RUBBER ROLL SHELLER-CUM-POLISHER
Name of the Manufacturer	: PRAGATI ENGINEERING 11/2, INDUSTRIAL Estate, Madhupatna, Cuttack- 753010 Mob: 9437053066 Mail ID: pragatiengineering66@yahoo.com
Make	: PRAGATI ENGINEERING
Model	: PEMRRS-66
Type	: Electricity / Power operated
Sl. No. of the machine	: 05
Year of manufacture	: 2021
Power Source, HP/kW	: 3HP/2.25, Electric Motor, Single phase
Colour	: Red, Blue
HP / kw	: 3.00/2.25
Overall dimensions (L x B x H) (mm)	: 1505 x 1168 x 1648
Weight (kg)	: 342.50
Input capacity of dehusker (kg/h)	: 252.00
Percentage of broken rice (%)	: 3.10
Percentage of husk(%)	: 20.56
Shelling efficiency (%)	: 98.84
Input capacity of polisher (kg/h)	: 200.18
Output capacity of polisher (kg/h)	: 186.50
Percentage of broken rice (%)	: 7.30
Polished Rice (%)	: 92.70
Percentage of bran(%)	: 1.20
Degree of polish, (%)	: 4.61
Overall recovery of polished rice(%)	: 74.00
Crops to be processed	: Paddy
Crops under use/ Variety	: Parboiled paddy / Puja

Name of Machine : CHUDA MILL
 Name of the Manufacturer : M/s Mukteswar Suppliers
 Basantdiha, Raghuagorada, Pubagada
 Balipatana, Dist- Khurdha, Odisha- 752102
 Email ID- sriyaswati991@gmail.com
 Phn no.- 7077825591
 Name of the Applicant : Amina Itipranga Swain
 M/s Mukteswar Suppliers
 Basantdiha, Raghuagorada, Pubagada
 Balipatana, Dist- Khurdha, Odisha- 752102
 Email ID- sriyaswati991@gmail.com
 Phn no.- 7077825591
 Make : MUKTESWAR SUPPLIERS
 Model : MKCM
 Type : Electricity / Power Operated
 Power Source / KW : 3 HP Motor Operated / 2.25
 Crop under use / Variety : Paddy / Puja
 Year of Manufacture : 2022
 Serial number : Not mentioned
 Country of Origin : India
 Overall Dimensions of Machine (L x W x H) : 1135.00 x 1297.00 x 1225.00
 in (mm)
 Weight(kg) : 346.98
 Colour : Green & White
 Bulk Density of Flaked Rice (g/cm³) : 0.326
 True Density of Flaked Rice (g/cm³) : 0.580
 Volumetric Expansion ratio of flaked rice : 0.2959
 Flaking percentage : 97.40
 Capacity of the machine (kg/h) : 45.50
 Power Consumption for flaking (kwh) : 2.402

Name of Machine	: RUBBER ROLL SHELTER CUM POLISHER
Name of the Manufacturer	: BRUNDABAN JEW ENTERPRISES, At- Renupada, Po- Barada, Basta, Balasore, Odisha- 756022 Email - Brundabanjew@Gmail.com Mobile No.- 9583216150
Make	: BRUNDABAN JEW
Model	: BJE- 369
Type	: Electricity / Power operated
Sl. No. of the machine	: BJE / 009
Year of manufacture	: Feb- 2022
Power Source	: 3HP, Electric Motor
Colour	: Blue & White
HP / kw	: 3.00 / 2.25
Overall dimensions (L x B x H) (mm)	: 715.00 X 515.00 X 1595.00
Weight (kg)	: 114.60
Input capacity of dehusker (kg/h)	: 165.80
Percentage of broken rice (%)	: 2.90
Percentage of husk(%)	: 20.37
Shelling efficiency (%)	: 95.69
Input capacity of polisher (kg/h)	: 133.80
Output capacity of polisher (kg/h)	: 120.40
Percentage of broken rice (%)	: 6.20
Polished Rice (%)	: 93.80
Percentage of bran(%)	: 3.73
Degree of polish, (%)	: 4.71
Overall recovery of polished rice(%)	: 72.61
Crops to be processed	: Paddy
Crops under use/ Variety	: Parboiled Paddy / Kalachampa

IMP 224/2022-23 (Nov)

Name & address of Manufacturer : TRISPAN FARM EQUIPMENTS & ENGINEERINGS
At/Po- Patenigan (Barti Bus Stop),
Cuttack- Paradeep Road, Via- Tarapur, Jagatsinghpur,
Odisha, Pin-754133, Mob: - 9438210120
Email Id: sumitatrispan@gmail.com

Name & address of the Applicant : TRISPAN FARM EQUIPMENTS & ENGINEERINGS
At/Po- Patenigan (Barti Bus Stop),
Cuttack- Paradeep Road, Via- Tarapur, Jagatsinghpur,
Odisha, Pin-754133, Mob: - 9438210120
Email Id: sumitatrispan@gmail.com

Name of Implement : ROTAVATOR
Type : Power Drive Equipment (Tractor Operated)
Make : Trispan Farm Equipments & Engineerings
Brand Name : Trispan Farm
Model : TFEE 6/001
Sl No. of the Machine : Not mentioned
Year of Manufacture : Not mentioned
Working width of Implement (mm) : 1730.00
Area covered (ha/h) : 0.393 – 0.477 (Dry land) & 0.405 – 0.449 (Wet land)
Tractor Horse Power required : 45 HP and above
Type of Blade : L- shaped (Hatchet)
No. of Blades : 42
Fuel consumption : (L/h)- Dry land (5.27 – 5.62) & Wet land (4.66 – 5.27)
(L/ha)- Dry land (11.336 – 13.38) & Wet land (11.50 – 12.20)
Size (Rotor Diameter x Working Width) (cm) : 429.76 x (1730.00)

Name of Machine	: Multipurpose Pulverizer
Name of the Manufacturer	: Atomize Manufacturing Pvt Ltd. Plot No.- 617, Captain Tractor Street, Padvala Main Road, Sapar- (Veraval), Rajkot- 360024, Gujrat, (India) Ph- 8511177165/ 8511177168 Email Id- cmd@atomize.com
Type	: Electricity / Power operated 5hp Three phase.
Make	: ATOMIZE
Model	: AZ502S
Weight (kg)	: 137.80
Overall Dimension (L x W x H) (mm)	: 929.00 x 495.00 x 1183.00
Sl. No. of the Machine	: AA12205
Provision & Type	: Electricity / Power / Motor Operated
Type of Prime Mover	: Electrically Operated Motor
Motor Power (kw / hp)	: 3.7 kW/ 5HP, Three phase
Type of Drive	: Direct drive through motor shaft
Year of Manufacture	: 2022
Uniformity index of Flour (Wheat)	: 1.00: 40.885:10.197
Uniformity index of Flour(Rice)	: 1.00: 8.519: 86.634
Fitness Models of flour (Wheat)	: 2.748
Fitness Models of flour (Rice)	: 1.809
Average particle size in feed (mm) (Wheat)	: 0.318
Average particle size in feed (mm) (Rice)	: 0.237
Recovery of Flour (%) (Wheat)	: 95.00
Recovery of Flour (%) (Rice)	: 96.25
Capacity of Machine / Feed Rate (kg/h) (Wheat)	: 55.47
Capacity of Machine / Feed Rate (kg/h) (Rice)	: 66.00
Average Power Consumption (kWh) Wheat	: 5.20
Average Power Consumption (kWh) Rice	: 5.20

Name of Machine : PULVERIZER
Name of the Manufacturer : RAMSONS IMPEX
IP-17, , Sahakari Udhyogik Kshetra,
Bhagwanpur, Haridwar, Uttarakhand – 247667
Email Id: ramsonsimpex.in@gmail.com
Mob: 9897072453

Type : Electricity / Power operated
Make : RICOITALY
Model : 3M ATTA
Brand : RICOITALY
Weight (kg) : 47.700
Overall Dimension (L x B x H) (mm) : 883.00 x 407.00 x 965.00
Sl. No. of the Machine : AA12206
Provision & Type : Electricity / Power / Motor Operated
Type of Prime Mover : Electrically Operated Motor
Motor Power (kW / HP) : 2.2 kW/ 3 HP, Single Phase
Type of Drive : Direct drive through motor shaft
Year of Manufacture : 2021
Feed Rate (kg/h) : 35.00
Output capacity (kg/h) : 34.16
Uniformity index of Ragi Flour : 1.00 : 64.127 : 25.781
Fineness modulus of Ragi Flour : 2.525
Average particle size in feed (mm) : 0.296
Recovery of Flour (%) : 97.60
Average Power Consumption (kWh) : 1.90

Name of Machine	: MUDHI MILL
Name of the Manufacturer	: SREERAM UDYOG Plot No. 295/DI, Lane No. 07 Megheswar Colony, Po- Baragada, Brit Colony, Bhubaneswar- 751018 Mobile No- 9777759399 Email Id- sriramudyog@gmail.com
Type	: Electric Motor Operated
Make	: Sreeram Udyog
Model	: SUMM-11
Brand	: SREERAM
Weight (kg)	: 227.80
Overall Dimension (L x B x H) (mm)	: 2503.00 x 910.00 x 1530.00
Power Source (HP/kW)	: 0.5 /0.37 / Electric Motor
Provision & Type	: Electricity / Power / Motor Operated
Crop under use / Variety	: Parboiled Rice/ Pateni
Year of Manufacture	: 2022
Country of Origin	: India
Serial No.	: 11001
Chassis No.	: SUMM-11-11001
Colour	: Silver
Bulk density of Puffed rice (g/cc)	: 0.139
True density of puffed rice (g/cc)	: 0.143
Volumetric Expansion ratio of puffed rice	: 5.641
Puffing percentage (%)	: 94.00
Input capacity of the machine (kg/h)	: 50.00
Output capacity of the machine (kg/h)	: 46.60
LPG Consumption for puffing (kg/h)	: 4.30

Name of Machine	: MINI DAL MILL
Name of the Manufacturer	: SATYASUBHRA INDUSTRIES PVT LTD Plot No – 445, Khata No- 140 At/Po- Tampalo, Via- Gop, Dist- Puri, Odisha, Pin- 752110 email- ssiplindia2020@gmail.com Phone- 9439700875, 9437740875
Type	: Electricity Motor Operated 2 HP Single phase
Make	: Satyasubhra Industries Pvt Ltd
Model	: S- 201
Brand	: Fighter Jets
Power Source	: Electric Motor Operated 2 HP/ 1.5 KW Single phase.
Weight (kg)	: 147.49
Overall Dimension (L x B x H) (mm)	: 1000.00 x 875.00 x 1275.00
Crops to be Processed	: Pulse
Crops under use	: Green Gram
Variety	: T-9
SL No of the Machine	: Not mentioned
Year of Manufacture	: January 2022
Scratching efficiency (%)	: 87.90
Milling efficiency (%)	: 98.00
Degree of milling, (%)	: 7.30
Power consumption (kWh) (Scratching)	: 0.616
Power consumption (kWh) (Milling)	: 0.77
Rated input capacity for scratching (kg/h)	: 58.50
The rated input capacity for milling (kg/h)	: 54.70
Output Capacity (kg/h)	: 42.15
Percentage of recovery (%)	: 72.05

Name of Machine	: RICE CUM PULVERIZER
Name of the Manufacturer	: CHATURBHUJA AGRO FARM Balupar, Nayatola, Muradbagh Po-Garhbanailee, Dist-Purnea, Bihar-854325 Tel No.:7782848799, 9431666613 Email: chaturbhujaagrofarm@yahoo.in
Type	: Electricity / Power operated
Make	: CHATURBHUJA AGRO FARM
Model	: RCF 333
Brand Name	: CHACHA
Power source	: Electric motor operated 3.00 HP / 2.25 kW
Crops to be Processed	: Raw Paddy & Wheat
Crops under use/ Variety	: Paddy- Puja, Wheat- Sarabati
SL No of the Machine	: Not mentioned
Year of Manufacture	: Not mentioned
Overall Dimension (L x B x H) (mm)	: 1310 x 423 x 1165
Rated input capacity (kg/h) (Rice)	: 165.00
Rated input capacity (kg/h) (Wheat)	: 26.00
Output capacity (kg/h) (Rice)	: 95.12
Output capacity (kg/h) (Wheat)	: 25.31
Shelling Efficiency (%) (Rice)	: 85.81
Degree of milling (%) (Rice)	: 8.52
Percentage of Broken (%) (Rice)	: 19.415
Percentage of Polished Rice (%)	: 57.65
Power consumption (kWh) (Rice)	: 2.60
Power consumption (kWh) (Wheat)	: 2.344
Fineness Modulus (Wheat flour)	: 2.169
Average particle size (Wheat flour)	: 0.265
Uniformity Index (Wheat flour)	: 1.00: 102.96: 81.22

Name of Machine	: MINI DAL MILL
Name of the Manufacturer	: DHANANJAY AGRO FICTION ENGINEERING, Plot No M – 111, MIDC, Phase-IV, Kumbhari, Akola – 444104, Maharastra, India Tel No – 9665286205 dhananjayagrofiction@gmail.com
Type	: Electricity operated 3 HP Three phase
Make	: Dhananjay Agro Fiction Engineering
Model	: DAFE III
Brand	: DAF Engg
Power Source	: Electric motor Operated 3 HP/ 2.25 KW/ Three phase.
Weight (kg)	: 272.110
Overall Dimension (L x B x H) (mm)	: 1450 x 1340 x 1825
Crops to be Processed	: Pulse
Crops under use/ Variety	: Arhar / Maruti
SL No of the Machine	: 22
Year of Manufacture	: 2021-22
Scratching efficiency (%)	: 93.65
Milling efficiency (%)	: 94.49
Degree of milling, (%)	: 5.78
Power consumption for seratching (kWh)	: 2.00
Power consumption for Milling (kWh)	: 1.80
Rated input capacity for scratching (kg/h)	: 98.10
Rated input capacity for milling (kg/h)	: 78.82
Final output polished split dal	: 61.74
Percentage of Recovery (%)	: 62.93

Name of the Machine : Maize Thresher (3HP Single phase electric motor)
 Name of the Manufacturer : M/s. Gobind Motor
 Khata No.- 144/1020, Sanbaharandi, Umerkote,
 Dist- Nabarangpur, Odisha- 764073
 Email I'd- gobindmotor002@gmail.com
 Phn no.- 9938707037
 Name of the Applicant : M/s. Gobind Motor
 Khata No.- 144/1020, Sanbaharandi, Umerkote,
 Dist- Nabarangpur, Odisha- 764073
 Email I'd- gobindmotor002@gmail.com
 Phn no.- 9938707037
 Make : M/S Gobind Motor
 Model : GM-PPT-1009
 Brand : Gobind Motor
 Type : Electricity / Power Operated
 Power Source / HP / kW : Single Phase Electric Motor / 3HP / 2.25
 Crop under use / Variety : Maize/ Pioneer - 3401
 Year of Manufacture : Not mentioned
 Serial number : Not mentioned
 Country of Origin : India
 Overall dimension (L x W x H) (mm) : 2005.00 x 920.00 x 1510.00
 Input feed rate capacity (kg/h) : 2150.00
 Output capacity (kg/h) : 1780.00
 Corrected output capacity (kg/h) : 1757.17
 Percentage of corrected output : 81.72
 Capacity with respect to feed rate (%) :
 Shelling efficiency (%) : 99.50
 Power Consumption (kWh) : 2.82
 Percentage of unshelled grain (%) : 0.50

IMP 232/2022-23 (Jan)

Name of Machine	: PULVERIZER
Name of the Manufacturer	: RITIK AGRO INDUSTRIES At/Po – Beredakia, Via – Raika, P.S – Raika, Dist – Kandhamal, Odisha, Pin - 762101
Type	: Electricity / Power operated
Make	: RITIK AGRO INDUSTRIES
Model	: RITIK-PUL-03
Brand Name	: RITIK
Weight (kg)	: 57.100
Overall Dimension (L x B x H) (mm)	: 695.00 x 420.00 x 998.00
Sl. No. of the Machine	: RITIK-PUL-0005
Provision & Type	: Electricity / Power / Motor Operated
Type of Prime Mover	: Electrically Operated Motor
Motor Power kW / HP	: 2.2 kW/ 3 HP, Single Phase
Year of Manufacture	: APRIL 2022
Uniformity index of Ragi Flour	: 1.00 : 225.92 : 157.692
Fineness modulus of Ragi Flour	: 2.204
Average particle size in feed (mm)	: 0.268
Recovery of Flour (%)	: 97.90
Capacity of Machine / Feed Rate (kg/h) (Ragi)	: 33.30
Power Consumption (kWh)	: 2.47
Output capacity (kg/h)	: 32.60

IMP 233 /2022-23 (Jan)

Name of the Machine	: Rubber Roll Sheller cum Polisher
Name of the Manufacturer	: Aquatix India At- Madan Mohan Lane, PO- Nayabazar, Near- Darkha Patna Durga Puja Mandap, Cuttack, Odisha- 753004 Ph- 6370211586, 993764375 Email Id- aquatixindia@rediffmail.com
Make	: SECHANAM
Model	: AIRR- 40
Type	: Electricity / Power Operated
Sl. No. of the machine	: AI.5.032
Year of manufacture	: 2022
Power Source	: 3HP / Electric Motor
Colour	: Green
HP / kW	: 3HP / 2.25
Overall dimensions (L x B x H) (mm)	: 1140.00 x 710.00 x 1324.00
Weight (kg)	: 101.25
Input capacity of dehusker (kg/h)	: 142.00
Percentage of broken rice (%)	: 2.28
Percentage of husk(%)	: 20.86
Shelling efficiency (%)	: 98.11
Input capacity of polisher (kg/h)	: 113.40
Output capacity of polisher (kg/h)	: 97.50
Percentage of broken rice (%)	: 7.20
Polished Rice (%)	: 85.97
Percentage of bran (%)	: 11.64
Degree of polish (%)	: 10.96
Overall recovery of polished rice (%)	: 68.66
Crops to be processed	: Paddy
Crops under use/ Variety	: Parboiled Paddy / PUJA

IMP 234/2022-23 (Jan)

Name of Machine	: AXIAL FLOW PADDY THRESHER (Tractor operated)
Name of the Manufacturer	: SAI AGRO EQUIPMENT At/Po – Swampatna, Dist - Keonjhar Odisha, Pin – 758030 Email I'd– prakashlipu221@gmail.com Phone –9556607096 / 9437983462
Type	: Tractor Operated
Make	: SAI AGRO EQUIPMENTS
Model	: SAI AGRO
Weight (kg)	: 1470.00
Sl No. of the Machine	: 050001
Year of Manufacture	: 2022
Power Source	: Tractor (PTO)
Recommended power, kW (HP)	: Agricultural Tractor 35.0 HP & above
Crops to be threshed	: Paddy
Overall Dimensions (with chute) (L x B x H) (mm)	: 4850.00 x 2300.00 x 2510.00
The Input capacity of thresher (kg/h)	: 2705.00
The Output capacity of thresher (kg/h)	: 1487.00
The percentage of broken grain (%)	: 0.341
The percentage of blown grain losses (%)	: 0.103
The percentage of un-threshed grain losses (%)	: 1.458
The Threshing efficiency of the machine (%)	: 98.542
The Cleaning efficiency of the machine (%)	: 96.30

Name of the Machine	: Rice cum Pulverizer
Name of the Manufacturer	: Garnet Granites Limited At-Khannagar, Sergarh, Dist-Balasore, Odisha, Pin- 756056 Email – gglpka@gmail.com Phone – 9437444373, 9438257160
Make	: M/s Garnet Granites Limited
Model	: GGL- 333
Type	: Electricity / Power Operated
Weight (kg)	: 116.00
Sl. No. of the machine	: GGL - RP - 008
Year of manufacture	: March 2021
Power Source	: Single Phase Electric Motor
Recommended power, kW (HP)	: 2.25 / 3.00
Crops to be threshed	: Raw paddy & Ragi
Variety	: Puja / Godavari
Overall Dimensions (with chute) (Lx B x H) (mm)	: 1515.00 x 460.00 x 1273.00
Colour	: Blue & White
Rated input capacity (kg/h) Rice	: 190.00
Rated input capacity (kg/h) Ragi	: 55.00
Output capacity (kg/h) Rice	: 119.70
Output capacity (kg/h) Ragi	: 54.00
Shelling Efficiency (%) Rice	: 85.25
Degree of Milling (%) Rice	: 7.36
Percentage of broken rice (%)	: 24.53
Percentage of polished rice (%)	: 62.67
Power consumption (kWh) Rice	: 3.30
Power consumption (kWh) Ragi	: 2.68

Name of Machine	: PULVERIZER (ELECTRIC OPERATED)
Name of the Manufacturer	: SUN AGRO C/o- Adarsh Service Station, G.E. Road, Supela, Bhilai, Chhatisgarh- 490023 Email – sunagrobhilai@gmail.com Phone – 9713100487, 9131110928
Type	: Electricity / Power operated 3HP, Single Phase.
Make	: SUN AGRO
Model	: SA – SFM3J
Brand Name	: SUN FARM
Weight (kg)	: 73.70
Overall Dimension (L x B x H) (mm)	: 683.00 x 450.00 x 1240.00
Sl. No. of the Machine	: 021/2022
Provision & Type	: Electricity / Power / Motor Operated
Type of Prime Mover	: Electrically Operated Motor
Motor Power (kW / HP)	: 2.2 / 3, Single Phase
Type of Drive	: Direct drive through motor shaft
Year of Manufacture	: 2022
Uniformity Index of Flour	: 1.00: 30.925 : 16.571
Fineness modulus of Flour	: 2.576
Average particle size in feed (mm)	: 0.301
Recovery of Flour (%)	: 99.38
Capacity of Machine / Feed Rate (kg/h)	: 47.00
Average Power Consumption (kWh)	: 1.87

IMP 237/2022-23 (Feb)

Name of Machine	: RUBBER ROLL SHELLER CUM POLISHER
Name of the Manufacturer	: Mukteswar Suppliers At-Basantdiha, Naroda, Raghuagorada, Pubagada, Balipatana, Dist- Khurdha, Odisha- 752102 Email ID- sriyaswati991@gmail.com Phone no.- 7077825591
Make	: MUKTESWAR SUPPLIERS
Model	: MS - RRSP
Type	: Electricity Power Operated
Sl. No. of the machine	: 00002
Year of manufacture	: 2022
Power Source	: 3 HP Electric motor , Single phase
Colour	: White & Blue
HP / KW	: 3.00/ 2.25
Overall dimensions (L x W x H) (mm)	: 720.00 x 717.00 x 1385.00
Weight (kg)	: 112.605
Input capacity of dehusker (kg/h)	: 160.00
Percentage of broken rice (%)	: 2.48
Percentage of husk (%)	: 20.89
Shelling efficiency (%)	: 95.90
Input capacity of polisher (kg/h)	: 126.57
Output capacity of polisher (kg/h)	: 112.17
Polished Rice (%)	: 92.80
Percentage of bran (%)	: 8.58
Degree of polish, (%)	: 4.43
Overall recovery of polished rice (%)	: 68.22
Crops to be processed	: Paddy
Crops under use/ Variety	: Ganga

Name of Machine	: ELECTRIC MORTAR & PESTLE
Name of the Manufacturer	: M/s Binod Engineering Raja Bazar (Bihiya), Bhojpur Bihar - 802152 Email : binodeng.5251@gmail.com Phone : 9334325251
Make	: BINOD-ELECTRIC OKHALI
Model	: BE-OKHALI-2022
Type	: Electricity / Power Operated
Overall dimension (L x W x H) (mm)	: 1108.00 x 1083.00 x 1970.00
Weight (kg)	: 262.00
Colour	: White & Blue
Power source	: 1HP Single Phase, Electric Motor operated
Crops under use / variety	: Paddy / Puja
Sl No. of the Machine	: 01
Year of Manufacture	: 2022
Feed rate (kg/h) dehusking	: 12.00
Output (kg/h) dehusking	: 8.80
Power consumption (kWh) dehusking	: 0.608
Percentage of husk (%)	: 24.82
Unshelled percentage (%)	: 1.82
Shelling efficiency	: 92.61
Input capacity for polishing (kg/h)	: 8.80
Output capacity for polishing (kg/h)	: 8.08
Broken rice percentage (%)	: 14.44
Percentage of bran (%)	: 8.10

Name of the Machine : MINI RICE MILL

Name of the Manufacturer : RITIK AGRO INDUSTRIES

At/Po- Beredakia, P.S- Raikia

Dist-Kandhamal, Odisha, Pin- 762101

Email – ritikagro234@gmail.com

Phone – 8895130903

Make : RITIK AGRO INDUSTRIES

Model : RITIK - RM - 03

Brand Name : RITIK

Type : Electricity / Power Operated

Weight (kg) : 51.60

Sl. No. of the machine : RITIK - RM - 0007

Year of manufacture : April 2022

Power Source : 3HP, Single Phase Electric Motor

Recommended power, HP / kW : 3 / 2.25

Crops to be used : Paddy

Variety : Kalachampa & Jajati

Overall Dimensions (L x W x H) (mm) : 745.00 x 390.00 x 1132.00

Colour : Blue & Green

	Parboiled paddy	Raw paddy
Rated input capacity (kg/h)	161.00	160.00
Output capacity (kg/h)	117.00	102.81
Shelling Efficiency (%)	91.63	90.30
Degree of Milling (%)	7.07	7.09
Percentage of broken rice (%)	9.56	14.34
Percentage of polished rice (%)	72.67	64.26
Power consumption (kWh)	3.13	2.97

Name of Machine	: AXIAL FLOW THRESHER - PADDY
Name of the Manufacturer	: AJAY ENGINEERING WORKS & EQUIPMENT. PVT. LTD. S.H -10, opposite seven hill school, Padhiapalli, Po – Shankarma, Sambalpur – 768006. E-mail:ajayenggptltd2019@gmail.com. Phone- 9437065201 / 9337302280
Make	: AJAY ENGINEERING WORKS & EQUIPMENT PVT. LTD.
Model	: DELUX - 63
Brand Name	: AJAY
Weight (kg)	: 1770.00
Sl. No. of the Machine	: Not mentioned
Year of Manufacture	: 2022-23
Power Source	: Tractor (PTO)
Recommended power, kW (HP)	: Agricultural Tractor 35.0 HP & above
Crops to be threshed / variety	: Paddy / Pooja
Overall Dimensions (with chute) (L x B x H) (mm)	: 4950.00 x 2315.00 x 2700.00
The Input capacity of thresher (kg/h)	: 2562.00
The Output capacity of thresher (kg/h)	: 1422.00
The percentage of broken grain (%)	: 0.0296
The percentage of blown grain losses (%)	: 0.036
The percentage of un-threshed grain losses (%)	: 0.277
The Threshing efficiency of the machine (%)	: 99.723
The Cleaning efficiency of the machine (%)	: 97.61
Fuel consumption (L/H)	: 2.65

Name of the Machine	: PULVERIZER
Name of the Manufacturer	: ADWAIT INDUSTRIES AT/PO- GOLAMUNDA ROAD, DHARAMGARH, DIST- KALAHANDI, ODISHA- 766015 Ph No. 9937526242, Fax No- 06672295532 Email Id- adwaitindustries2021@gmail.com
Make	: ADWAIT INDUSTRIES
Model	: BALAJI
Brand Name	: ADWAIT
Type	: ELECTRIC OPERATED, 3HP Single Phase
Weight (kg)	: 55.50
Sl. No. of the machine	: AIP- 09
Year of manufacture	: 2022-23
Power Source	: ELECTRIC OPERATED, 3HP Single Phase
Recommended power, HP / kW	: 3.00 / 2.20
Crops to be used	: RAGI
Variety	: VAIRABI
Overall Dimensions (LxWxH) (mm)	: 670.00 x 334.00 x 955.00
Colour	: Silver
Rated Capacity of the Machine (kg/h)	: 46.00
Recovery of Flour (%)	: 98.18
Average Power Consumption (kWh)	: 2.50
Average Particle Size in feed (mm)	: 0.264
Uniformity Index of Ragi Flour	: 2.157
Fineness Modulus of Ragi Flour	: 1.00 : 76.17 : 65.69

Name of Machine : HANGING TYPE GRAIN CLEANER WITH SACK HOLDER
Name of the Manufacturer : SAISHAKTI
B/20, Industrial Estate, Khapuria, Cuttack - 10
Odisha, Pin – 753010
Email I'd – saishaktictc@yahoo.com
Tel No. – 0671-2344089 (off.),
9437044089, 9337770089

Type of Machine : MANUAL CLEANER
Make : SAISHAKTI
Model : SUVARNA
Weight (kg) : 18.570
Overall Dimension (L x B x H) (mm) : 1072.00 x 620.00 x 245.00
Sl. No. of the Machine : 0018
Year of manufacture : Not mentioned
Maximum Input Capacity (kg/h) : 472.80
Cleaning Efficiency (%) : 77.54
Grading effectiveness : 0.6616
Name of the crop : Paddy
Variety of crop : PATENI

Name of Machine : RUBBER SHELLER CUM POLISHER
Name of the Manufacturer : SREERAM UDYOG
 Plot No.- 295/D1, Megheswar Colony,
 Lane No.- 07, Tankapani Road,
 Bhubaneswar-18, Odisha
 Email ID –sriramudyog.com@gmail.com
 Phone No. - 9777759399
Make : SREERAM UDYOG
Model : SURSP – 11
Type : Electric Power Operated
Sl. No. of the machine : 110011
Year of manufacture : 2022-23
Power Source : 3HP, Electric Motor, Single Phase
Colour : Red & White
HP / kW : 3.0/2.25
Overall dimensions (L x W x H) (mm) : 757.00 x 570.00 x 1534.00
Weight (kg) : 116.30

	<u>Parboiled Rice</u>	<u>Raw Rice</u>
Input capacity of dehusker (kg/h)	: 140.00	138.00
Output capacity of dehusker (kg/h)	: 115.64	114.10
Input capacity of polisher (kg/h)	: 115.64	114.10
Output capacity of polisher (kg/h)	: 97.16	92.50
Shelling efficiency (%)	: 90.13	88.45
Degree of milling (%)	: 4.40	4.00
Percentage of Broken rice of dehusker	: 1.764	6.60
Percentage of Broken rice of polisher	: 5.69	11.77
Percentage of Polished rice	: 69.40	67.03
Crops to be processed	: Paddy	Paddy
Crops under used (Variety)	: Masoori	Sarala

Name of Machine	: FLOUR CUM RICE MILL
Name of the Manufacturer	: PRAGATI ENGINEERING 11/2, Industrial Estate Madhupatna, Cuttack Odisha- 753010, Ph.- 9437053066 Email Id: pragatiengineering66@yahoo.com
Make	: PRAGATI ENGINEERING
Model	: PEFCRM-66
Weight (kg)	: 72.80
Sl. No. of the Machine	: 05
Overall dimension (L x B x H) (mm)	: 1300 x 425 x 1095
Year of Manufacture	: 2021
Power Source	: Electric motor operated
Recommended power, kW/HP	: 2.25/3.00
Crops to be milled / variety	: Raw paddy /1009
Rated Input capacity (paddy) (kg/h)	: 165.00
Output capacity (paddy) (kg/h)	: 98.78
Rated Input capacity of ragi (kg/h)	: 34.64
Output capacity of ragi (kg/h)	: 33.56
Shelling efficiency of paddy (%)	: 82.36
Degree of milling of paddy (%)	: 4.57
Percentage of Broken	: 28.33
Percentage of polished rice	: 59.87
Power consumption of Rice Mill (kWh)	: 2.606
Power consumption of Flour Mill (kWh)	: 2.51
Fine ness modulus of Ragi flour	: 3.317
Average particle size in feed (Ragi)	: 0.379
Uniformity index (Ragi Flour)	: 1.00: 2.570: 0.541

IMP 245 /2023- 24 (May)

Name of the Machine : RICE PUFFING MACHINE

Name of the Manufacturer : PRACHI WORKS PVT. LTD.
S-3,34 &35, SECTOR – A, ZONE – B,
Mancheswar Industrial Estate, Bhubaneswar - 751010
Phone- 9439651921, Office No. – 0674-2972681
Email Id- prachiworks@gmail.com

Make : PRACHI WORKS PVT. LTD.

Model : PRACHI ROASTER

Brand : PRACHI

Type : Electric Motor Operated

Power Source : 1.00 HP/ 0.75 kW Electric Motor, Single Phase

Crop under Use/ Variety : Parboiled Rice / Swarna Masoori

Year of Manufacture : 2022 - 23

Serial No. / Chassis No. : PW 22 - 23 - 001 RF

Country of Origin : India

Chassis Number : PW2223-001RF

Overall dimension (L x B x H) (mm) : 2610.00 x 995.00 x 1464.00

Weight (kg) : 215.20

Colour : Silver

Bulk Density of Puffed Rice (g/cm³) : 0.0968

True Density of Puffed Rice (g/cm³) : 0.103

Volumetric Expansion ratio of puffed rice : 11.940

Puffing percentage (%) : 99.00

Input Capacity of the machine (kg/h) : 52.00

Output capacity of the machine (kg/h): 48.54

LPG Consumption for pre-heating (kg) : 0.88 / 0.16h

LPG Consumption for Puffing (kg/h) : 3.24

IMP 246 /2023- 24 (May)

Name of the Manufacturer : Trispan Farm Equipments & Engineerings
At/Po – Patenigan (Cuttack-Paradeep Road),
Via – Tarapur, Jagatsinghpur, Odisha, Pin – 754133
Phone- 9438210120
Email Id- sumitatrispan@gmail.com

Name of the Applicant : Trispan Farm Equipments & Engineerings
At/Po – Patenigan (Cuttack-Paradeep Road),
Via – Tarapur, Jagatsinghpur, Odisha, Pin – 754133
Phone- 9438210120
Email Id- sumitatrispan@gmail.com

Name of the Machine : Rice Puffing Machine

Make : Trispan Farm Equipments & Engineerings

Model : TRPM- 100

Brand : Trispan

Type : Electric Motor Operated

Power Source : 0.5 HP Electric Motor, Single Phase

Crop under Use / Variety : Parboiled Rice / Nali Swarna

Year of Manufacture : 2023

Serial No. / Chassis No. : 00002

Overall dimension (LxWxH) (mm) : 2395.00 x 918.00 x 1547.00

Weight (kg) : 161.14

Bulk Density of Puffed Rice (g/cm³) : 0.090

True Density of Puffed Rice (g/cm³) : 0.125

Volumetric Expansion ratio of puffed rice : 10.004

Puffing percentage (%) : 98.30

Input Capacity of the machine (kg/h) : 99.03

Output Capacity of the machine (kg/h) : 92.87

LPG Consumption for preheating : 0.83 kg / 0.15 h

LPG Consumption for Puffing (kg/h) : 4.65

IMP 247/2023-24 (Jun)

Name of the Machine	: MILLET DEHUSKING CUM POLISHING MACHINE
Name of the Manufacturer	: SUN AGRO C/o- Adarsh Service Station, G.E. Road, Supela, Bhilai, Chhatisgarh- 490023 Email – sunagrobhilai@gmail.com Phone – 9713100487, 9131110928
Make	: SUN AGRO
Model	: SA6LN5000
Type	: Electric / Power Operated
Sl. No. of the machine	: SA / 2022 / 5000 / 110
Year of manufacture	: 2022
Power Source	: 3 HP / 2.25 kW, Single phase electric motor
Colour	: Off - White
HP / kW	: 3.0 / 2.20
Overall dimensions (L x W x H) (mm)	: 690.00 x 665.00 x 1307.00
Weight (kg)	: 96.10
Input capacity of dehusker (kg/h)	: 70.00
Output capacity of dehusker (kg/h)	: 54.84
Shelling efficiency (%)	: 72.25
Input capacity of polisher (kg/h)	: 54.84
Output capacity of polisher (kg/h)	: 40.42
Percentage of broken	: 29.34
Degree of polish (%)	: 14.70
Overall recovery of polished finger millet (%)	: 57.74
Crops to be processed	: Millet
Crops under use/ Variety	: Finger Millet / 2 (BL-4)

IMP 248/2023-24 (Jun)

Name of the Machine	: RICE CUM FLOUR MILL
Name of the Manufacturer	: BASUDEV EQUIFARM INDIA PVT LTD. 3 rd Floor, Krishi Bhawan, Vishal Nagar Road, Telibandha, Raipur, Pin- 492006, Chhattisgarh Phone No.- 8454052787 Email Id:- basudevequifarmindia@gmail.com
Make	: GREEN SWADES
Model	: GS-3HRFM
Type	: Electricity / Power operated
Power source	: Electric motor operated 3.00 HP / 2.25 kW
Crops to be Processed	: Paddy / Ragi
Crops under use/ Variety	: Puja / Godavari
SL No of the Machine	: RM2223304
Year of Manufacture	: Not mentioned
Overall Dimension (LxBxH) (mm)	: 1292.00 x 435.00 x 1065.00
Weight (kg)	: 97.50
Rated input capacity Paddy (kg/h)	: 143.57
Rated output capacity (kg/h)	: 94.83
Power consumption Paddy (kWh)	: 2.42
Broken percentage	: 25.01
Degree of Milling (%)	: 4.55
Recovery percentage	: 66.05
Rated input capacity Ragi (kg/h)	: 42.00
Rated output capacity (kg/h)	: 41.16
Power consumption Ragi (kWh)	: 2.47
Fineness modulus of Ragi Flour (%)	: 2.535
Uniformity index of Flour	: 1.00 : 79.67 : 35.60
Average particle size in feed (mm)	: 0.297
Recovery % for Ragi Flour	: 98.00

IMP 249 /2023-24(Jul)

Name of Machine	: OIL MILL CUM PURIFIER
Name of the Manufacturer	: Maa Bagalamukhi Agro Machineries Pvt. Ltd. Khata No.- 173, Plot No.- 541/1495, SH 19, Gohira, Balasore, Odisha- 756058 Email: maabagalamukiagromachineries@gmail.com Phn No.- 9937965333
Make	: Maa Bagalamukhi Agro Machineries Pvt. Ltd.
Model	: MBAM - OMP - 02
Type	: Electric / Motor Operated
Brand Name	: Maa Bagalamukhi Agro Machineries Pvt. Ltd.
SI No. of the Machine	: OP - 0004 / 22 - 23
Capacity (kg / h)	: 22.50
Weight of the Machine (kg)	: 90.90
Year of Manufacture	: February 2023
POWER UNIT	
Provision & Type	: Electric Motor Operated
Type of prime mover	: 0.50 HP x 4 Nos = 2HP, single phase
Motor power (kW)	: $0.37 \times 4 = 1.48$
Type of drive	: Gear drive
Voltage	: 230 + 6%
Average Power Consumption (kWh)	: 1.166
Crop under use	: Mustard
Variety	: Pusa - 22
Oil extraction (%) at rated capacity	: 33.47
Purified oil extraction (%)	: 32.95
Overall Dimension (L x W x H) (mm)	: 1182.00 x 585.00 x 911.00
Iodine value	: 104.60
Acid value of oil	: 1.00
Oil content in residual cake (%)	: 15.50
Oil content in mustard seed (%)	: 38.94
Free fatty acid (%)	: 0.49

IMP 250/2023-24 (Jul)

Name of the Machine	: RUBBER ROLL SHELLER CUM POLISHER	
Name of the Manufacturer	: RITIK AGRO INDUSTRIES At/Po- Beredakia, P.S- Raikia, Dist- Kandhamal Odisha, Pin- 762101 Email – ritikagro234@gmail.com Phone – 8895130903	
Make	: RITIK AGRO INDUSTRIES	
Model	: RITIK – RRS – 03 (3 HP Electric, Dehusking & Polishing)	
Type	: Electricity / Power operated	
Year of manufacture	: 2022-23	
Power Source	: 3HP Electric Motor, Single Phase	
Colour	: Green	
HP / kW	: 3.00 / 2.25	
Overall dimensions (L x W x H) (mm)	: 678.00 x 705.00 x 1315.00	
Weight (kg)	: 91.30	
	Parboiled Paddy	Raw Paddy
Input capacity of dehusker (kg/h)	: 145.90	150.00
Output capacity of dehusker (kg/h)	: 115.56	118.80
Shelling efficiency (%)	: 92.88	91.59
Input capacity of polisher (kg/h)	: 115.56	118.80
Output capacity of polisher (kg/h)	: 103.20	100.45
Percentage of broken	: 7.24	22.81
Degree of polish (%)	: 4.16	9.09
Overall recovery of polished rice (%)	: 70.73	66.97
Crops to be processed	: Parboiled Paddy	Raw Paddy
Crops under use/ Variety	: Kalachampa	Puja

IMP 251/2023-24 (Jul)

Name of the Machine : PULVERIZER
Name of the Manufacturer : SREERAM UDYOG
Plot No.- 295/D1, Megheswar Colony, Lane No.- 07,
Tankapani Road, Bhubaneswar, Odisha, Pin – 751018
Email ID – sriramudyog.com@gmail.com
Phone No. – 9777759399

Make : SREERAM UDYOG
Model : SUP-11
Type : Electricity / Power operated
Brand Name : SREERAM
Weight (kg) : 56.83
Overall Dimension (L x B x H) (mm) : 693.00 x 416.00 x 965.00
Sl. No. of the Machine : 11001
Provision & Type : Electricity / Power / Motor Operated single phase
Type of Prime Mover : Electrically Operated Motor
Motor Power (kW / HP) : 2.2 / 3
Year of Manufacture : 2022-23
Uniformity Index of Flour : 1.00 : 40.76 : 20.50
Fineness modulus of Flour : 2.577
Average particle size in feed (mm) : 0.301
Recovery of Flour (%) : 96.20
Capacity of Machine / Feed Rate (kg/h) : 44.00
Average Power Consumption (kWh) : 3.023

IMP 252/2023-24 (Jul)

Name of the Machine : AXIAL FLOW THRESHER (PULSES)

Name of the Manufacturer : PRACHI WORKS PRIVATE LIMITED
S-3, 34 & 35, Sector-A, Zone-B, Mancheswar
Industrial Estate, Bhubaneswar, Odisha- 751010
Email- prachiworks@gmail.com
Phone no.- 0674- 2972681, 9439651921

Make : PRACHI WORKS PRIVATE LIMITED

Model : Tractor Operated

Brand Name : Prachi

Weight (kg) : 1500

Sl No. of the Machine : PW2324 - 001PP

Year of Manufacture : 2023

Power Source : Tractor (PTO)

Recommended power, kW (HP) : Agricultural Tractor 35.0 HP & above

Crops to be threshed : Pulses / Greengram

Overall Dimensions (with chute) (L x B x H) (mm) : 4600.00 x 2415.00 x 2558.00

Input capacity of thresher (kg/h) : 1483.60

Output capacity of thresher (kg/h) : 333.595

Percentage of broken grain (%) : 2.235

Percentage of blown grain losses (%) : 0.077

Percentage of un-threshed grain : 4.316

Total machine losses (%) : 7.021

Threshing efficiency of the machine (%) : 95.68

Cleaning efficiency of the machine (%) : 92.38

IMP 253/2023-24 (Aug)

Name of the Machine : MAIZE THRESHER (Tractor Model)

Name of the Manufacturer : M/S. GOBIND MOTOR
Khata No.- 144/1020, Sanabharandi, Umerkote,
Dist- Nabarangpur, Odisha- 764073
Email Id- gobindmotor002@gmail.com
Ph no.- 9938707037

Make : M/S. GOBIND MOTOR

Model : GMMT- 7009

Brand Name : Krushi Upakarana

Type : Tractor Operated

Power source : Tractor (PTO)

Recommended power : Agricultural Tractor 35.0 HP & above

Crop under use / Variety : Maize / Adventa 759/ Pioneer

Year of Manufacture : May 2022

Serial number : GM/1/2022-23

Weight (kg) : 570

Overall dimension (L x B x H) (mm) : 3113.00 x 1450.00 x 2067.00

Input capacity (kg/h) : 8775.00

Output capacity (kg/h) : 7459.68

Corrected output capacity (kg/h) : 7307.39

Percentage of corrected output : 83.27

Shelling efficiency (%) : 99.801

Cleaning efficiency (%) : 97.85

Percentage of unshelled grain : 0.199

IMP 254/2023-24 (Aug)

Name of the Machine	: HAND CRANKED IMPROVED CHAKKI
Name of the Manufacturer	: M/S BINOD ENGINEERING, Raja Bajar, Bihiya (Bhojpur), Bihar, India, Pin-802152 Email Id: binodeng5251@gmail.com Phone - 91-9334325251
Make	: BINOD IMPROVED CHAKKI
Model	: B chakki-2021
Type of Machine	: Hand Operated
Weight (kg)	: 71.12
Overall Dimension (L x B x H) (mm)	: 774.00×590.00×1100.00
Sl. No. of the Machine	: Not mentioned
Year of manufacture	: 2022
Maximum Input Capacity (kg/h)	: 20.00
Output Capacity (kg/h)	: 12.704
Percentage of broken (%)	: 11.49
Percentage of Unshelled splitted grain	: 16.941
Percentage of Husk	: 15.184
Percentage of shelled dust	: 4.354
Name of the crop	: Pulse-Green gram
Variety of crop	: Pusa 105

IMP 255/2023-24 (Aug)

Name of the Machine	: RUBBER ROLL SHELLER -CUM- POLISHER	
Name of the Manufacturer	: SATYASUBHRA INDUSTRIES PVT. LTD. Plot no. – 445, Khata no. – 140, Tampalo, Dist – Puri, Odisha, Pin – 752110 Email id : ssiplindia2020@gmail.com Ph – 8917244154, 9439740875	
Make	: SATYASUBHRA INDUSTRIES PVT LTD.	
Model	: S-700	
Type	: Rubber Roll Type	
Sl. No. of the machine	: 10RRS 705	
Year of manufacture	: 2023	
Power Source	: 3HP Electric Motor Operated, Single Phase	
HP / kW	: 3.00 / 2.20	
Overall dimensions (L x W x H) (mm)	: 1010 X 780 X 1345	
Weight (kg)	: 101.260	
	Parboiled Paddy	Raw Paddy
Input capacity of dehusker (kg/h)	: 162.68	162.00
Output capacity of dehusker (kg/h)	: 133.56	136.89
Shelling efficiency (%)	: 90.64	87.13
Input capacity of polisher (kg/h)	: 133.56	136.89
Output capacity of polisher (kg/h)	: 115.84	114.98
Percentage of broken	: 1.70	13.20
Degree of polish (%)	: 7.31	4.82
Overall recovery of polished Rice (%)	: 71.20	70.94
Crops to be processed	: Parboiled Paddy	Raw Paddy
Crops under use/ Variety	: Swarna Massori	MTU 1223

IMP 256/2023-24 (Aug)

Name of the Machine	: PULVERIZER
Name of the Manufacturer	: PRAGATI ENGINEERING 11/2, Industrial Estate, Madhupatna, Cuttack, Odisha- 753010, Ph.- 9437053066 Email Id: pragatiengineering66@yahoo.com
Make	: PRAGATI ENGINEERING
Model	: PEMT-66
Brand Name	: PRAGATI
Type	: Motor Operated
Weight (kg)	: 64.860
Overall Dimension (L x B x H) (mm)	: 675 X 498 X 1230
Sl. No. of the Machine	: 001
Provision & Type	: Electric Motor Operated, Single Phase
Type of Prime Mover	: Electric Motor Operated 3HP, Single Phase
Motor Power (kW / HP)	: 2.24 / 3.00
Year of Manufacture	: 2022
Uniformity Index of Flour	: 1.00 : 81.592 : 102.592
Fineness modules of Flour	: 1.930
Average particle size in feed (mm)	: 0.246
Recovery of Flour (%)	: 97.93
Capacity of Machine / Feed Rate (kg/h)	: 42.92
Output capacity (kg/h)	: 42.03
Average Power Consumption (kWh)	: 3.018

IMP 257/2023-24 (Aug)

Name of the Machine	: FOUR ROW DRUM SEEDER
Name of the Manufacturer	: ITI TECHNO AGRO PVT. LTD. Immamnagar, Bhairapur, Jagatpur, Cuttack, Pin – 754200, Odisha Ph- 7008563253 Email : bankimroyg@gmail.com
Type	: Manually Operated
Make	: ITI TECHNO AGRO PVT LTD
Model	: SRISHTI STHITI- 17/18
Weight (kg)	: 6.55
Overall Dimension (L x W x H) (mm)	: 966 x 550 x 1270
Sl. No. of the Machine	: ITI / 0011 / 2017-18
Provision & Type	: Manually Operated sowing implement.
Type of Prime Mover	: Manually Operated
Year of Manufacture	: 2017 - 18
Seed to Seed Distance (mm)	: 200- 220
Field Capacity (Ha/h)	: 0.52 – 0.58
Capacity of Machine (kg/ha)	: 36.00 – 39.00
No of seed drop/m	: 132 - 145
Material	: Hardened Plastic

IMP 258/2023-24 (Aug)

Name of the Machine	: MULTIPURPOSE PULVERIZER	
Name of the Manufacturer	: AATOMIZE MFG. PVT. LTD. Survey NO. – 1/2, Plot No.- 6/7, Captain Tractor Street, Padvala Road, Shapar (Veraval), Rajkot- 360024, Gujarat, India Ph- 8511177165 / 9825153518 Email Id- cmd@aatomize.com	
Type	: Electric Motor operated - 3hp, Three phase.	
Make	: AATOMIZE	
Model	: AM302S	
Weight (kg)	: 180.26	
Overall Dimension (L x B x H) (mm)	: 1305.00 x 510.00 x 1125.00	
Sl. No. of the Machine	: AM00384	
Type of Prime Mover	: 3 HP, Three phase Ac Induction Motor	
Motor Power (kw / hp)	: 2.2 / 3.00	
Type of Drive	: Direct drive through motor shaft	
Year of Manufacture	: 2023	
	<u>Turmeric Powder</u>	<u>Chilli Powder</u>
Uniformity index of Powder / Flour	: 1.00 : 0.019 : 0.055	1.00 : 0.980 : 0.04
Fineness modulus of Flour / Powder	: 4.992	4.071
Average particle size in feed (mm)	: 0.640	0.480
Recovery of Flour / Powder (%)	: 95.36	94.85
Capacity of Machine / Feed Rate (kg/h)	: 33.00	16.50
Average Power Consumption (kWh)	: 3.40	3.50

IMP 259/2023-24 (Sept)

Name of the Machine	: RICE RUBBER ROLL SHELLER CUM POLISHER	
Name of the Manufacturer	: MAA BAGALAMUKHI AGRO MACHINERIES PVT. LTD. Khata No.- 173, Plot No.- 541/1495, SH 19, Gohira, Balasore, Odisha- 756058 Email: maabagalamukhiagromachineries@gmail.com Phone No.- 9937965333	
Make	: MAA BAGALAMUKHI AGRO MACHINERIES PRIVATE LIMITED	
Model	: MBAM-SP-03	
Type	: ELECTRIC MOTOR OPERATED (3 HP) Single Phase	
Sl. No. of the machine	: RS-0004/22-23	
Year of manufacture	: Feb - 2023	
Power Source	: 3 HP Electric Motor Single Phase	
Colour	: Off White & Deep Brown	
HP / kW	: 3.00/2.25	
Overall dimensions (L x W x H) (mm)	: 714.00 x 822.00 x 1410	
Weight (kg)	: 121.180	
Crops to be processed / Variety	: Paddy	
	Parboiled Paddy	Raw Paddy
Crops under use/ Variety	: Puja	Sama Massori
Input capacity of dehusker (kg/h)	: 158.00	168.00
Output capacity of dehusker (kg/h)	: 127.50	135.00
Shelling efficiency (%)	: 90.44	86.26
Input capacity of polisher (kg/h)	: 127.50	135.00
Output capacity of polisher (kg/h)	: 111.18	116.26
Percentage of broken	: 14.72	23.28
Degree of polish (%)	: 10.82	9.09

IMP 260/2023-24 (Sept)

Name of the Machine	: PULVERISER
Name of the Manufacturer	: MAA BAGALAMUKHI AGRO MACHINERIES PVT. LTD. Khata No.- 173, Plot No.- 541/1495, SH 19, Gohira, Balasore, Odisha- 756058 Email: maabagalamukhiagromachineries@gmail.com Phone No.- 9937965333
Make	: MAA BAGALAMUKHI AGRO MACHINERIES PVT. LTD.
Model	: MBAM - PV - 03
Type	: Motor Operated (3HP) Single phase
Weight (kg)	: 50.59
Overall Dimension (L x W x H) (mm)	: 652.00 x 414.00 x 997.00
Sl. No. of the Machine	: PV-0016/ 22-23
Type of Prime Mover	: Electric Motor Operated, Single Phase, 3HP Motor
Motor Power (kW / HP)	: 2.2/3.0
Year of Manufacture	: July 2023
Uniformity Index of Flour	: 1.00 : 127.94 : 35.657
Fineness modulus of Flour	: 2.61
Average particle size in feed (mm)	: 0.304
Recovery of Flour (%)	: 98.35
Capacity of Machine / Feed Rate (kg/h)	: 47.29
Output capacity (Kg/h)	: 46.51
Average Power Consumption (kWh)	: 2.12

IMP 261/2023-24 (Oct)

Name of the Machine	: ROTAVATOR
Name of the Manufacturer	: GOBIND MOTOR Khata No.- 144/1020, Sanabharandi, Umerkote, Dist- Nabarangpur, Odisha- 764073 Mail Id- gobindmotor002@gmail.com Ph no.- 9938707037
Make	: M/S GOBIND MOTOR
Model	: GMRT - 1001
Type	: Tractor Operated, Gear Drive
Sl. No. of the machine	: RS-0004 / 22-23
Year of manufacture	: 2022
Power Source	: Tractor PTO
Working width of Implement (mm)	: 1743
Area covered (ha/h) Dry land	: 0.384 - 0.445
Wet land	: 0.34 - 0.395
Tractor Horse Power required	: 40 HP and above
Type of Blade	: L Type
No. of Blades	: 42
Fuel consumption (L/h) Dry land	: 4.97 - 5.28
Wet land	: 4.83 - 4.96
Fuel consumption (L/ha) Dry land	: 11.16 - 13.74
Wet land	: 12.553 - 14.20
PRIME MOVER USED	
Tractor (Dry land operation)	: Massey ferguson 241 DI
Make & Model	: TAFE, MF241DI
Maximum PTO POWER, kW	: 27.20
PRIME MOVER USED	
Tractor (Wet land operation)	: Sonalika DI 740
Make & Model	: International Tractors Limited, Sonalika International DI 740 Super CM Series
Maximum PTO POWER, kW	: 27.20
Overall dimension (LxWxH) (mm)	: 2018 x 945 x 1045
Weight (kg)	: 358

IMP 262/2023-24 (Oct)

Name of Machine : RICE PUFFING MACHINE
Name of the Manufacturer : M/S KARMAKAR ENGINEERING WORKS
RAJARA, PALASARA, PURULIA,
WEST BENGAL-723121
Email : karmakarengineeringworks2@gmail.com
Ph : 8927288913, 9547279204
Type : Electric Motor Operated
Make : KARMAKAR ENGINEERING WORKS
Model : KARMAKAR SEMI AUTOMATIC SUPER ROASTER
Weight (kg) : 227.350
Overall Dimension (L x B x H) (mm) : 2375.00 x 1007.00 x 1564.00
Power Source (HP/kW) : 0.5HP /0.37kW/ Electric Motor
Crop under use / Variety : Parboiled Rice/ Swarna
Year of Manufacture : 2022-23
Country of Origin : India
Serial No. : KEW-0063
Colour : Silver
Bulk density of Puffed rice (g/cc) : 0.0842
True density of puffed rice (g/cc) : 0.152
Volumetric Expansion ratio of puffed rice : 7.385
Puffing percentage (%) : 98.50
Input capacity of the machine (kg/h) : 92.00
Output capacity of the machine (kg/h) : 86.00
LPG Consumption for puffing (kg/h) : 5.44
LPG Consumption for pre heating (kg/h) : 0.91 kg/ 0.25h

IMP 263/2023-24 (Oct)

Name of Machine	: PUFFED RICE MACHINE
Name of the Manufacturer	: SAI AGRO EQUIPMENT At- Sivnarayanpur, Po – Swampatna, Ps- Patana , Dist - Keonjhar Odisha, Pin – 758030 Email – prakashlipu221@gmail.com Phone –9556607096 / 9437983462
Type	: Electric Motor Operated
Make	: SAI AGRO EQUIPMENT
Model	: SAI ICE AGE
Weight (kg)	: 194.250
Overall Dimension (L x B x H) (mm)	: 2540.00 x 917.00 x 1432.00
Power Source (HP/kW)	: 0.5HP /0.37kW/ Electric Motor
Crop under use / Variety	: Parboiled Rice/ Pateni
Year of Manufacture	: 2023
Country of Origin	: India
Serial No.	: SAI 2022/6002
Colour	: Silver
Bulk density of Puffed rice (g/cc)	: 0.0992
True density of puffed rice (g/cc)	: 0.1443
Volumetric Expansion ratio of puffed rice	: 7.037
Puffing percentage (%)	: 98.40
Input capacity of the machine (kg/h)	: 75.76
Output capacity of the machine (kg/h)	: 70.82
LPG Consumption for puffing (kg/h)	: 3.80
LPG Consumption for pre heating (kg/h)	: 0.930/0.20h
Total Power consumption (kWh)	: 60.90

IMP-264/2023-24 (Oct)

Name of Machine	: FLOUR MILL (Electric Operated)
Name of the Manufacturer	: SUN AGRO C/o- Adarsh Service Station, G.E. Road, Supela, Bhilai, Chhatisgarh- 490023 Email – sunagrobbilai@gmail.com Phone – 9713100487, 9131110928
Make	: SUN AGRO
Model	: SA-SFM3D
Brand Name	: SUN FARM
Type	: Electricity / Power Operated
Weight (kg)	: 46.450
Overall Dimension (L x B x H) (mm)	: 715.00 x 287.00 x 770.00
Sl. No. of the Machine	: SA/001/2023
Provision & Type	: Electric motor operated
Type of Prime Mover	: 3HP, Single phase electric motor
Motor Power (kW / HP)	: 2.25/3HP
Type of Drive	: Belt drive
Year of Manufacture	: 2023
Uniformity Index of Flour	: 1:17.06:58.86
Fineness modulus of Flour	: 2.8382
Average particle size in feed (mm)	: 0.3271
Recovery of Flour (%)	: 99.38
Capacity of Machine / Feed Rate (kg/h)	: 109.63
Average Power Consumption (kWh)	: 2.245
Output capacity (kg/h)	: 108.94
Percentage of recovery	: 99.38
Power consumption (kg/kWh)	: 48.52

IMP 265 /2023-24 (Oct)

Name of Machine : OIL MILL (Electric 3hp Motor Operated, Single Phase)
Name of the Manufacturer : Aquatix India
At- Madan Mohan Lane,
PO- Nayabazar,
Dist- Cuttack, Odisha- 753004
Ph- 6370211586
Email Id- aquatixindia@rediffmail.com

Make : SECHANAM
Model : AIMO - 100
Type : Electric Motor Operated
Brand Name : SECHANAM
SI No. of the Machine : 02123OM
Capacity (kg / h) : 19.63
Weight of the Machine (kg) : 148.50
Year of Manufacture : MARCH 2023

POWER UNIT

Provision & Type : Electric Motor Operated
Type of prime mover : 3.00 HP, Single phase
Motor power (kW) : 2.25
Type of drive : Gear drive
Average Power Consumption (kWh) : 1.890
Crop under use : Mustard
Variety : Krishna
Purified Oil extraction (%) : 29.52
Oil extraction after 1st pass (%) : 18.983
Oil extraction after 2nd pass (%) : 10.540
Overall Dimension (L x W x H) (mm) : 855.00 x 510.00 x 1293.00
Iodine value of oil : 103.60
Acid value of oil : 1.00
Oil content in residual cake (%) : 11.61
Oil content in mustard seed (%) : 36.48

IMP 266 /2023-24 (Oct)

Name of Machine : OIL MILL
Name of the Manufacturer : SATYASUBHRA INDUSTRIES PVT. LTD.
Plot No – 445, Khata No – 140,
At/Po- Tampalo, Dist – Puri, Odisha, Pin – 752110
Email - ssiplindia2020@gmail.com
Ph – 8917244154, 9439700875

Make : SATYASUBHRA INDUSTRIES PVT. LTD.
Model : S - 101
Brand Name : Fighter Jets
Type : Electric Motor Operated
SI No. of the Machine : 100M 10004
Capacity (kg / h) : 17.50
Weight of the Machine (kg) : 114.41
Year of Manufacture : 2023

POWER UNIT
Provision & Type : Electric Motor Operated
Type of prime mover : 3HP, Single Phase
Motor power (kW) : 2.25
Type of drive : Gear drive
Average Power Consumption (kWh) : 1.501
Crop under use : Oil seed / Mustard
Variety : Seeta B - 85
Purified Oil extraction (%) : 28.57
Oil extraction after 1st pass (%) : 19.218
Oil extraction after 2nd pass (%) : 9.352
Overall Dimension (L x W x H) (mm) : 855.00 x 447.00 x 1047.00
Iodine value of oil : 103.80
Acid value of oil : 1.00
Oil content in residual cake (%) : 8.46
Oil content in mustard seed (%) : 38.00

IMP 267/2023-24 (Nov)

Name of Machine	: MINI CHAFF CUTTER
Name of the Manufacturer	: BASUDEV EQUIFARM INDIA PVT LTD. 3rd Floor, Krushi Bhavan, Vishal Nagar Road, Telibandha, Raipur, Pin- 492006, Chhatisgarh Phone No.- 8454052787 Email Id:- basudevequifarmindia@gmail.com
Type	: Flywheel Type, Electric Motor Operated
Make	: Basudev Equifarm India Pvt Ltd.
Model	: GS – 2HCCM
Brand Name	: Green Swades
SL No of the Machine	: 210021004
Year of Manufacture	: Not mentioned
Weight (kg)	: 131.650
Overall Dimension (L x W x H) (mm)	: 1560.00 x 1105.00 x1303.00
Type of Prime mover	: 2 HP electric motor, Single phase
Type of drive	: Belt & Gear drive
Average power consumption (kWh)	Paddy Straw : 1.03 Green Grass : 1.01
Input Capacity (kg/h)	Paddy Straw : 298.69 Green Grass : 454.57
Quantity of cut (kg/h)	Paddy Straw : 295.61 Green Grass : 451.57
Quality of cut	Paddy Straw : 0.1279 Green Grass : 0.252

IMP 268 /2023- 24 (Nov)

Name of the Manufacturer : Dibya Enterprises
At/Po – Dunda, Mukulish
P.S - Basta, Dist- Balasore, Odisha
Pin – 756022, Phone- 9437754287
Email Id- dibyaentp@gmail.com

Name of the Applicant : Umesh Chandra Das Adhikari
At/Po – Renupada, Barada, via- Darada
P.S - Basta, Odisha, Pin – 756022
Phone- 9437754287
Email Id- dibyaentp@gmail.com

Name of the Machine : Rice Puffing Machine
Make : Dibya Enterprises
Model : DRFM 100
Type : Electric Motor Operated
Power Source : 0.50 HP / 0.37 kW, Electric Motor
Crop under Use / Variety : Parboiled Paddy / Swarna
Year of Manufacture : 2023
Serial No. / Chassis No. : 10
Overall dimension (LxWxH) (mm) : 2410.00 x 935.00 x 1465.00
Weight (kg) : 209.25
Bulk Density of Puffed Rice (g/cm³) : 0.0974
True Density of Puffed Rice (g/cm³) : 0.154
Volumetric Expansion ratio of puffed rice : 7.763
Puffing percentage (%) : 98.60
Input Capacity of the machine (kg/h) : 69.00
Output Capacity of the machine (kg/h) : 64.13
LPG Consumption for preheating : 0.70 kg/ 0.16 h
LPG Consumption for Puffing (kg/h) : 3.38
Power Consumption kWh : 0.321

IMP 269 /2023-24 (Nov)

Name of Machine : MINI OIL MILL
Name of the Manufacturer : Sun Agro
C/O- Adarsh Service Station
GLF Road, Supela, Bhilai, Chattishgarh- 490023
Ph- 9713100487, 9131110928
Email Id- sunagrobhilai@gmail.com

Make : SUN AGRO
Model : SA - OIL2
Type : Electric Operated
Brand Name : SUN FARM
SI No. of the Machine : SA- OIL2B/2023/001
Capacity (kg / h) : 9.80
Crops to be processed : Oil Seed
Crops under use / variety : Mustard / Kohinoor
Year of Manufacture : 2023
Weight of the Machine (kg) : 35.85
Type of prime mover : 2 HP Electric Motor, single phase
Type of Drive : Gear Drive
Average power consumption (kWh) : 0.768
Purified oil extraction at reted capacity (%) : 32.12
Oil content of mustard seed (%) : 36.91
Oil content residual cake (%) : 12.14
Acid value of oil : 1.00
Density of oil (g/cc) : 0.902
Overall dimension (L x B x H) (mm) : 520.00 x 255.00 x 510.00

IMP 270/2023-24 (Nov)

Name of the Machine	: MINI RICE MILL (ELECTRIC OPERATED)	
Name of the Manufacturer	: DIBYANKA AGRO INDIA PVT. LTD. Tadada, Jamsuli, Singla, Balasore, Odisha-756081 Email: dibyankaagro321@gmail.com Phone: 7683995088	
Make	: DIBYANKA	
Model	: DA IPL – DMRM-3	
Type	: Electricity/Power Operated	
Brand Name	: DIBYANKA	
Power source	: 3 HP Single phase Electric Motor Operated	
Crops to be processed	: Parboiled Paddy/Raw Paddy	
Variety	: Parboiled Paddy – SWARNA Raw Paddy - SIVA	
Sl No. of the Machine	: 202303006	
Year of Manufacture	: 2023	
Overall Dimension (LxWxH) (mm)	: 765.00 x 420.00 x 1000.00	
Weight (kg)	: 52.550	
	Parboiled Paddy	Raw Paddy
Rated input capacity(kg/h)	: 188.00	240.00
Output Capacity (kg/h)	: 141.72	158.16
Percentage of Husk (%)	: 25.13	26.65
Percentage of broken (%)	: 10.03	31.68
Shelling efficiency (%)	: 95.45	85.14
Degree of milling (%)	: 12.34	11.70
Power Consumption (kWh)	: 2.30	3.75

IMP 271 /2023-24 (Nov)

Name of the Machine	: MINI RICE MILL	
Name of the Manufacturer	: MAA BAGALAMUKHI AGRO MACHINERIES PVT. LTD. Khata No.- 173, Plot No.- 541/1495, SH 19, Gohira, Balasore, Odisha- 756058 Email: maabagalamukhiagromachineries@gmail.com Phone No.- 9937965333	
Make	: MAA BAGALAMUKHI AGRO MACHINERIES PVT. LTD.	
Model	: MBAM - MR - 110	
Type	: Electric Power Operated	
Weight (kg)	: 57.800	
Sl. No. of the machine	: MR - 0011 / 23 - 24	
Year of manufacture	: 2023	
Power Source	: 3HP, Electric Motor, Single Phase	
Recommended power, HP / kW	: 3.00 / 2.25	
Crops to be used	: Paddy	
Variety	: Parboiled Paddy - SWARNA : Raw Paddy - SIVA	
Overall Dimensions (L x W x H) (mm)	: 875.00 x 400.00 x 1010.00	
Colour	: Blue & Green	
	Parboiled paddy	Raw paddy
Rated input capacity (kg/h)	190.00	221.00
Output capacity (kg/h)	137.10	145.22
Shelling Efficiency (%)	95.40	86.60
Degree of Milling (%)	4.32	8.18
Percentage of broken rice (%)	6.838	30.969
Percentage of polished rice (%)	72.15	65.71
Power consumption (kWh)	3.359	3.471

IMP 272 / 2023-24 (Nov)

Name of the Machine : MINI RICE MILL
Name of the Manufacturer : DURGA ENGINEERING
At/Po- Beredakia, P.S- Raikia
Dist-Kandhamal, Odisha, Pin- 762101
Email – ritikagro234@gmail.com
Phone – 8895130903
Make : DURGA ENGINEERING WORKS
Model : DURGA CRM-1
Brand Name : DURGA
Type : Electricity / Power Operated
Weight (kg) : 51.40
Sl. No. of the machine : 02
Year of manufacture : 2021
Power Source : 3HP, Single Phase Electric Motor
Recommended power, HP / kW : 3.00 / 2.25
Crops to be used : Paddy
Variety : Parboiled Paddy - SWARNA
: Raw Paddy - SIVA
Overall Dimensions (L x W x H) (mm) : 780.00 x 412.00 x 1123.00
Colour : Blue & Green

	Parboiled paddy	Raw paddy
Rated input capacity (kg/h)	170.00	190.00
Output capacity (kg/h)	121.38	119.09
Shelling Efficiency (%)	97.35	87.32
Degree of Milling (%)	2.24	3.56
Percentage of broken rice (%)	3.787	24.15
Percentage of polished rice (%)	71.40	62.68
Power consumption (kWh)	2.322	2.898

IMP 273 / 2023-24 (Nov)

Name of the Manufacturer	: SREERAM UDYOG Plot No.- 295/D1, Lane No-07 At/Po: Megheswar Colony, Tankapani Road Bhubaneswar, District- Khordha, Pin-751018 Mobile- 9777759399, 7008219568 Email- sriramudyog.com@gmail.com
Name of Machine	: RICE FLATTENING MACHINE
Make	: SREERAM UDYOG
Model	: SURFM-11
Brand	: SREERAM
Type	: Electric Motor operated
Power Source	: 3.0 hp Electric Motor, Single Phase /2.25kW
Crop under use / Variety	: Roasted Paddy / Swarna Masoori
Year of Manufacture	: 2023
Serial number	: 11001
Country of Origin	: India
Overall Dimension (L x W x H) (mm)	: 1130.00 x 1150.00 x 1105.00
Weight (kg)	: 433.80
Colour	: Blue & White
Bulk Density of Flaked Rice (g/cm ³)	: 0.309
True Density of Flaked Rice (g/cm ³)	: 0.622
Volumetric Expansion ratio of flaked rice	: 1.786
Flaking percentage (%)	: 98.90
Capacity of the machine (kg/h)	: 44.06
Power Consumption for flaking (kwh)	: 1.888

IMP 274 /2023-24 (Nov)

Name of Machine : PHM - OIL MILL
Name of the Manufacturer : TRISPAN FARM EQUIPMENTS & ENGINEERINGS
At/Po – Patenigan (Cuttack-Paradeep Road),
Via – Tarapur, Jagatsinghpur, Odisha, Pin – 754133
Ph : 9438210120
Email : sumitatrispan@gmail.com

Make : TRISPAN FARM EQUIPMENTS & ENGINEERINGS
Model : TOIL - 12
Type : Electric Motor Operated
Brand Name : TRISPAN
SI No. / Chasiss No. : 003
Capacity (kg / h) : 16.50
Weight of the Machine (kg) : 103.300
Year of Manufacture : 2023

POWER UNIT
Provision & Type : Electric Motor Operated
Type of prime mover : 3 HP, Electric Motor, Single Phase
Motor power (kW) : 2.25
Type of drive : Gear drive
Average Power Consumption (kWh) : 1.320
Crop under use : Mustard
Variety : Not Known
Purified Oil extraction (%) : 28.28
Oil extraction after 1st pass (%) : 17.704
Oil extraction after 2nd pass (%) : 10.576
Overall Dimension (L x W x H) (mm) : 695.00 x 555.00 x 1012.00
Iodine value of oil : 107.98
Acid value of oil : 2026
Oil content in residual cake (%) : 12.39
Oil content in mustard seed (%) : 32.90

IMP 275 /2023- 24 (Dec)

Name of the Manufacturer : Basudev Equifarm India Pvt Ltd.
3 rd. Floor, Krushi Bhavan,
Vishal Nagar Road, Telibandha,
Raipur, Pin- 492006, (C.G)
Phone No.- 8454052787
Email Id:- basudevequifarmindia@gmail.com

Name of the Applicant : Basudev Equifarm India Pvt Ltd.
3 rd. Floor, Krushi Bhavan,
Vishal Nagar Road, Telibandha,
Raipur, Pin- 492006, (C.G)
Phone No.- 8454052787
Email Id:- basudevequifarmindia@gmail.com

Name of the Machine : Potato Chips Making Machine

Make : Green Swades

Model : GS - 1HPCM

Type : Electric Motor Operated

Power Source : 1 HP, Electric Motor, Single Phase

Crop under Use / Variety : Potato / Not Known

Year of Manufacture : Not Mentioned

Serial No. / Chassis No. : 181908002

Overall dimension (LxWxH) (mm) : 1015.00 x 513.00 x 1230.00

Weight (kg) : 75.67

Feed Rate (kg/h) : 171.13

Output (kg/h) : 163.90

Slicing Efficiency (%) : 95.775

Uniformity Index (%) : 87.52

Power Consumption (kWh) : 0.511

IMP 276 /2023-24 (Jan-24)

Name of the Machine	: PULVERIZER
Name of the Manufacturer	: M/S CHOUDHARY ENGINEERING WORKS At/Po – Bamra, Dist- Sambalpur Mob No: 9437247739, 9937514525 Email ID: rkc5259@gmail.com
Make	: M/S Choudhary Engineering Works
Model	: PUL-JPC
Type	: Electric Operated
Weight (kg)	: 53.850
Overall Dimension (L x W x H) (mm)	: 665.00 x 327.00 x 1035.00
Sl. No. of the Machine	: CEW PUL 07
Provision & Type	: Electric Motor Operated, Single Phase
Type of Prime Mover	: Electric Motor Operated 3HP, Single Phase
Motor Power (kW / HP)	: 2.20/3.0
Type of Drive	: Motor drive
Year of Manufacture	: Not mentioned
Uniformity Index of Flour	: 1.00:33.76:6.56
Fineness modules of Flour	: 2.77
Average particle size in feed (mm)	: 0.3202
Recovery of Flour (%)	: 97.81
Capacity of Machine / Feed Rate (kg/h)	: 42.50
Output capacity (kg/h)	: 41.57
Average Power Consumption (kWh)	: 2.22

IMP 277/2023-24 (Jan-24)

Name of the Machine	: COMBINED RICE MILL & MULTI PURPOSE MILLING PULVERIZER
Name of the Manufacturer	: GRASSROOT EQUIPMENT PVT. LTD. 2nd Floor, 2A, Bageswar Apartment, Aryapuri, Ratu Road, Ranchi, Jharkhand Email: grassrootequipment@gmail.com Phone: 7004314456
Make	: GRASSROOT
Model	: GR/E-110
Type	: Electric motor operated
Power source	: 3HP / 2.20 kW electric motor, single phase
Crops to be Processed	: Paddy / Swarna (Parboiled)
Crops under use/ Variety	: Wheat / Not known
SL No of the Machine	: 20230923
Year of Manufacture	: Not mentioned
Overall Dimension (L x W x H) (mm)	: 1332.00 x 418.00 x 1145.00
Weight (kg)	: 78.450
Rated input capacity Paddy (Parboiled) (kg/h)	: 212.00
Rated output capacity (Parboiled) (kg/h)	: 155.40
Power consumption Paddy (kWh)	: 3.171
Broken percentage (%)	: 5.426
Degree of Milling (%)	: 4.533
Recovery percentage	: 73.30
Rated input capacity Wheat (kg/h)	: 50.00
Rated output capacity (kg/h)	: 48.12
Power consumption wheat flour (kWh)	: 2.906
Fineness modulus of flour (%)	: 2.709
Uniformity index of flour	: 1 : 32.64 : 9.09
Average particle size in feed (mm)	: 0.314
Recovery of flour (%)	: 96.24