



*Swastik Agro Research &
Scientific Equipment*



AGRI SOLUTION

- ☑ Seed/Grain Processing Machines
- ☑ Seed/Grain Packaging Machines
- ☑ Food/Grain Processing Machines



SEED PRE CLEANER/GRAIN CLEANER



Features:

- Corrosion free screen made up of MS.
- Separation is carried out in different stages.
- Designed with sound and dust proof technology for Pollution control integrated compact unit.
- JSW, Tata Steel brand MS Sheet.
- 10 & 14 gauge sheets.
- Bearing make SKF/NRB/NTN etc.
- Motor make Crompton, ABB, etc.



Cleaning Grading Capacity on Wheat bases at 12% moisture content and 10% Impurities. Used for efficient cleaning of all types of cereal grains, paddy, rice, wheat, malting barley, coffee seeds etc.

Model No.	NTA-C32	NTA-C52	NTA-C72	NTA-C102
Capacity	1-1.5TPH	2-2.5TPH	3-4TPH	4-5TPH
No. of screen	Two/Three	Two/Three	Two/Three	Two/Three
Top Screen	Scalping	Scalping	Scalping	Scalping
Middle & bottom Screen	Grading & under size	Grading & under size	Grading & under size	Grading & under size
Screen Size	65cm*150cm	95cm*150cm	100cm*200cm	120cm*200cm
Power	5HP	5HP	6.5HP	7.5HP
No. of Aspiration	One/Two	Two	Two	Two
Screen Cleaning device	Balls & Nylon Brush	Balls & Nylon Brush	Balls & Nylon Brush	Balls & Nylon Brush
Dimension (L*W*H)	2410x1275x2225mm	2410x1335x2290mm	3120x1910x2550mm	3150x1980x2590mm

Swastik Agro Research & Scientific Equipment

Office Address : Plot No 1, Dashmesh Colony, Jarorat Road, Ambala City
 Factory Address : HSIIDC, IGC Industrial Area, Saha, Ambala
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SEED FINE CLEANER/SEED GRADER



Features:

- Corrosion free screen made up of MS.
- Separation is carried out in different stages.
- Designed with sound and dust proof technology for Pollution control integrated compact unit.
- JSW, Tata Steel brand MS Sheet.
- 10 & 14 gauge sheets.
- Bearing make SKF/NRB/NTN etc.
- Motor make Crompton, ABB, etc.



Cleaning Grading Capacity on Wheat bases at 12% moisture content and 10% Impurities. Used for efficient cleaning of all types of cereal grains, paddy, rice, wheat, malting barley, coffee seeds etc.

Model No.	NTA-G53	NTA-G63	NTA-G73	NTA-G103
Capacity	1-1.5TPH	2-2.5TPH	3-4TPH	4-5TPH
No. of Screens	Two/Three	Two/Three	Two/Three	Two/Three
Top Screen	Scalping	Scalping	Scalping	Scalping
Middle & Bottom Screen	Grading under size	Grading under size	Grading under size	Grading under size
Screen Size	70cmX150cm	100cmX200cm	120cmX200cm	140cmX200cm
Power	5 HP	5 HP	7.5 HP	10 HP
No of Aspiration	One/Two	Two	Two	Two
Screen cleaning Device	Balls & Nylon Brush	Balls & Nylon Brush	Balls & Nylon Brush	Balls & Nylon Brush
Dimension (L*W*H)	2460 x 1585 x 2290mm	3100 x 1810 x 2380mm	3150 x 1980 x 2590mm	3120 x 2125 x 2585mm

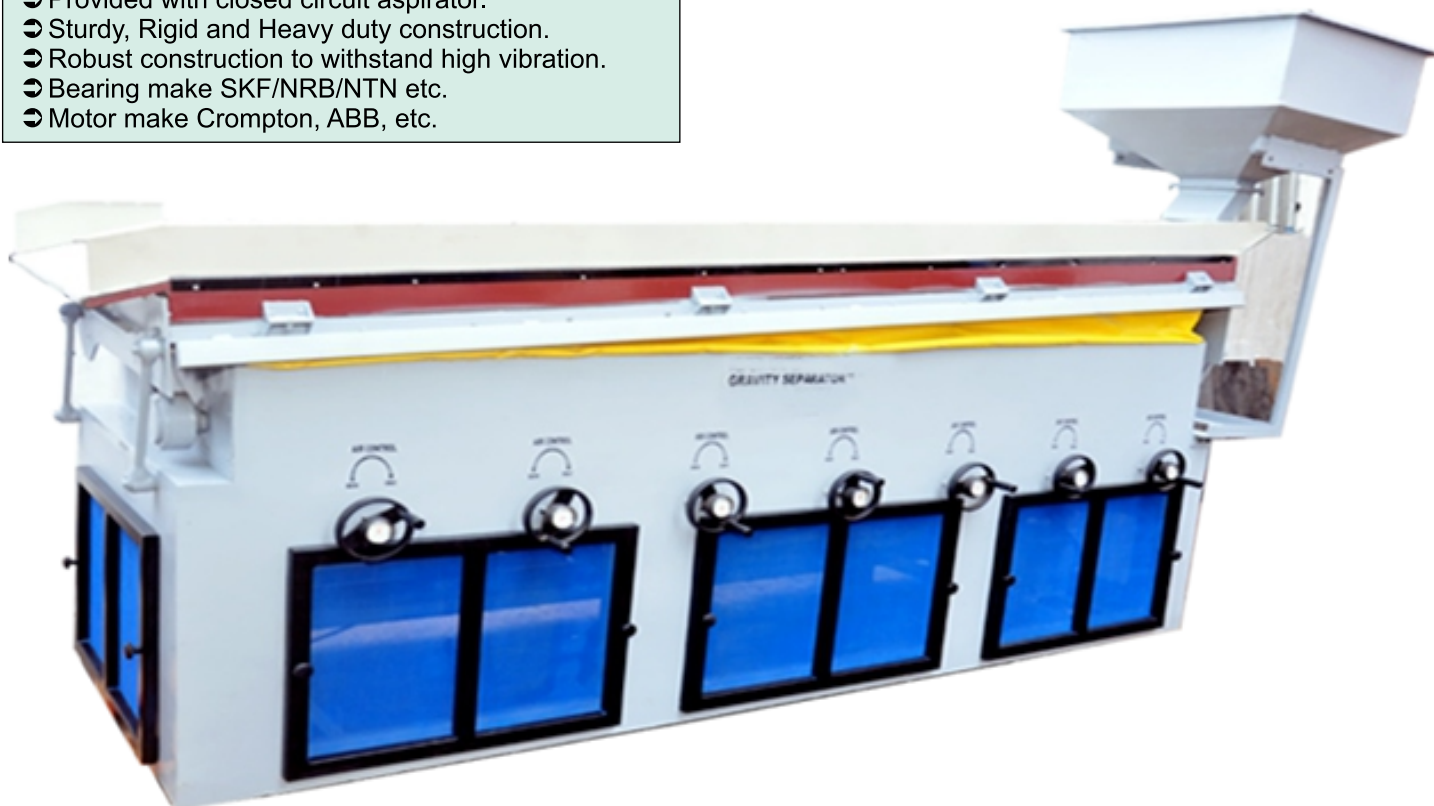
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GRAVITY SEPARATOR

Features:

- Efficient & precise separation of stones.
- Provided with closed circuit aspirator.
- Sturdy, Rigid and Heavy duty construction.
- Robust construction to withstand high vibration.
- Bearing make SKF/NRB/NTN etc.
- Motor make Crompton, ABB, etc.



The Machine is suitable for removing impurities and achieving very high grading quality in any free flowing granular material, Grain Seed and Spices etc.

Model No.	NTA-GS11	NTA-GS12	NTA-GS13	NTA-GS14
Capacity	1-1.5TPH	2-2.5TPH	3-4TPH	4-5TPH
No. of fan	3Fan	4Fan	5Fan	7Fan
Deck motor	1HP	1HP	1HP	2HP
Bower motor	3HP	5HP	7.5HP	10HP
Speed control system	VFD	VFD	VFD	VFD
Deck Screen Size (L*W)	1700x850mm	2150x1150mm	2400x1100mm	3050x1200mm

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PNEUMATIC SEED GRADER/CLEANER

Features:

- ☞ Corrosion free screen made up of MS.
- ☞ Separation is carried out in different stages.
- ☞ Designed with sound and dust proof technology for Pollution control integrated compact unit.
- ☞ JSW, Tata Steel brand MS Sheet.
- ☞ 10 & 14 gauge sheets.
- ☞ Bearing make SKF/NRB/NTN etc.
- ☞ Motor make Crompton, ABB, etc.



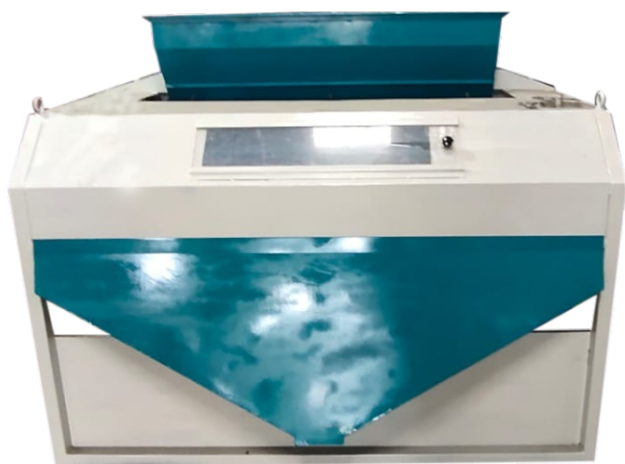
To separate stone from the seed.

Model No.	NTA-PNEG15
Capacity	1.5TPH
Screen size	1500x700mm
Power	7.5HP
Dimension (L*W*H)	2460 x 1585 x 2290mm

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IRON MAGNETIC DESTONER



Features:

- JSW, Tata Steel brand MS Sheet.
- 10 & 14 gauge sheets.
- Bearing make SKF/NRB/NTN etc.
- Motor make Crompton, ABB, etc.



To separate stone from the seed.

Model No.	NTA-MD1	NTA-MD2	NTA-MD3	NTA-MD4
Capacity	1.5Tph	2.5Tph	3-4Tph	4-5Tph
Screen size	100x800mm	100x1000mm	100x1200mm	100x1500mm
Power	1.5HP	1.5HP	1.5HP	1.5HP
Dimension (L*W*H)	1320x1595x1505mm	1325x1636x1515mm	1371x1676x1525mm	1493x1982x1525mm

VIBRO DESTONER



Features:

- JSW, Tata Steel brand MS Sheet.
- 10 & 14 gauge sheets.
- Bearing make SKF/NBC/NTN etc.
- Motor make Crompton, ABB, etc.

To separate stone from the seed.

Model No.	NTA-114	NTA-115
Capacity	3-4Tph	5-6Tph
No. of screen	3	3
Screen size	1000X1000mm	1250x1250mm
Power	9.5HP	11HP
Dim. (L*W*H)	1920x1590x2850mm	1965x1625x2900mm



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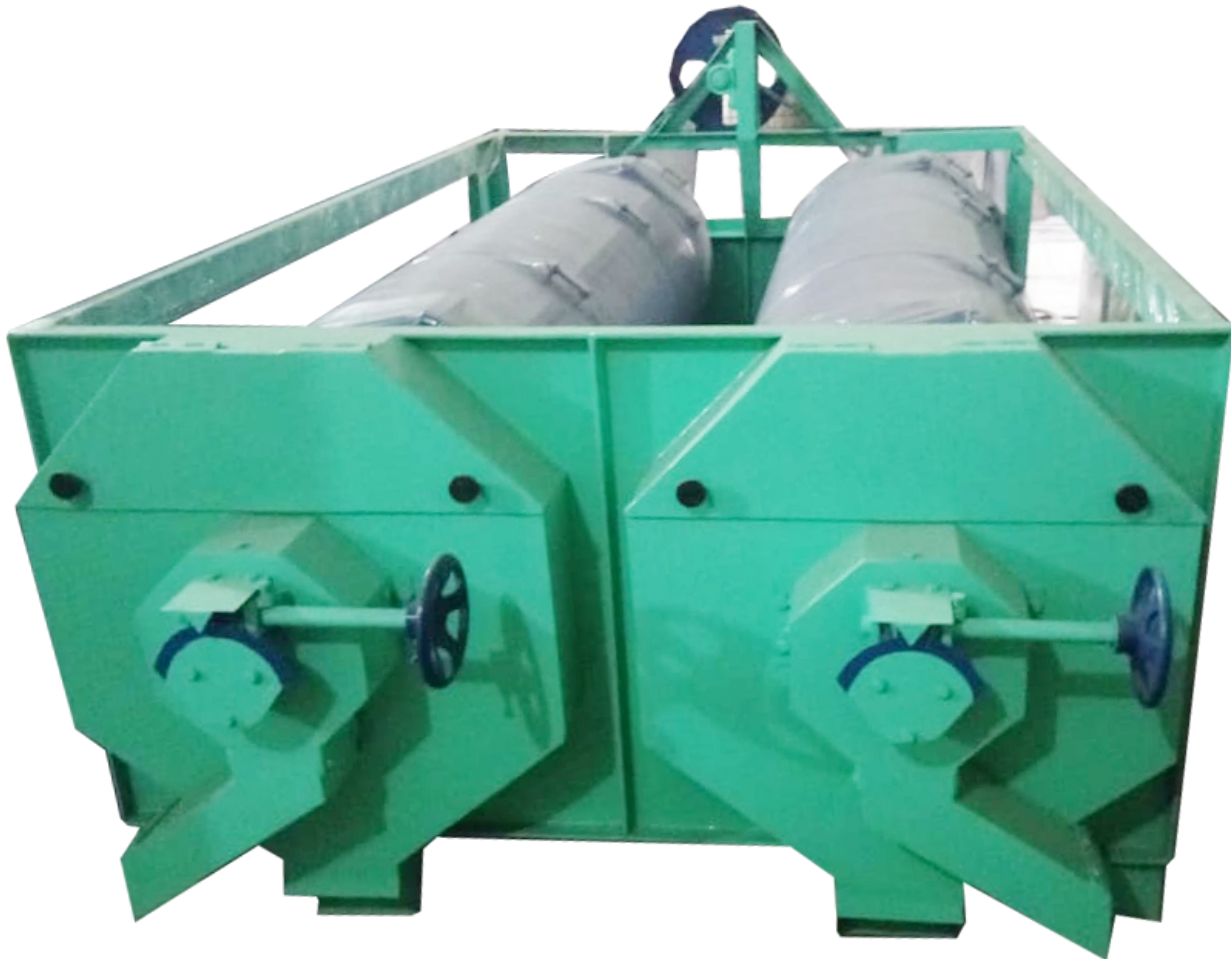
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INDENT CYLINDER

Features:

- ➔ High accuracy is obtained while sorting head rice from mixed rice.
- ➔ Control of shorting accuracy by tray inclination adjustment.
- ➔ Bearing make SKF/NBC/NTN etc.



Model No.	NTA-IC1	NTA-IC1A	NTA-IC2	NTA-IC2A
Capacity	1.5TPH	2.5TPH	3-4TPH	4-5TPH
No. of cylinder	1	1	2	2
Segment dia	600mm	650mm	650mm	700mm
Segment length	1500mm	1800mm	2100mm	2500mm
Power	1HP	1HP	2HP	2HP
Speed Adjustment System	Automatic	Automatic	Automatic	Automatic

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MOBILE SEED CLEANER CUM GRADER NTA-MG1



SEED GRAVITY SEPARATOR NTA-GS1



TECHNIC SPECIFICATION (NTA-MG1):

Cleaning Capacity	: 700kg – 1Ton/Hr (on wheat basis)
Screen	: Three screens.
Total Screen Area	: 2meter sq.
Sieve Boat Motor	: 220V, 0.5HP Single/three Phase.
Blower Motor	: 220V, 2 HP Single/three Phase.
Elevator motor	: 220V, 0.5 HP Single/three Phase.
Operating Voltage	: 220V, 50Hz Single/three Phase AC.
Hopper	: Steel construction.
Elevator	: Vertical elevator to feed seed cleaner.
Alternator	: Alternator to provide 220V, single phase AC supply, P.T.O shaft driven in case of power failure.
Trolley	: All above shall be mounted on a trolley. Trolley fitted with heavy duty screw jacks pivoting front axle, one spare wheel, tool box and set of tools for ordinary repair and maintenance.

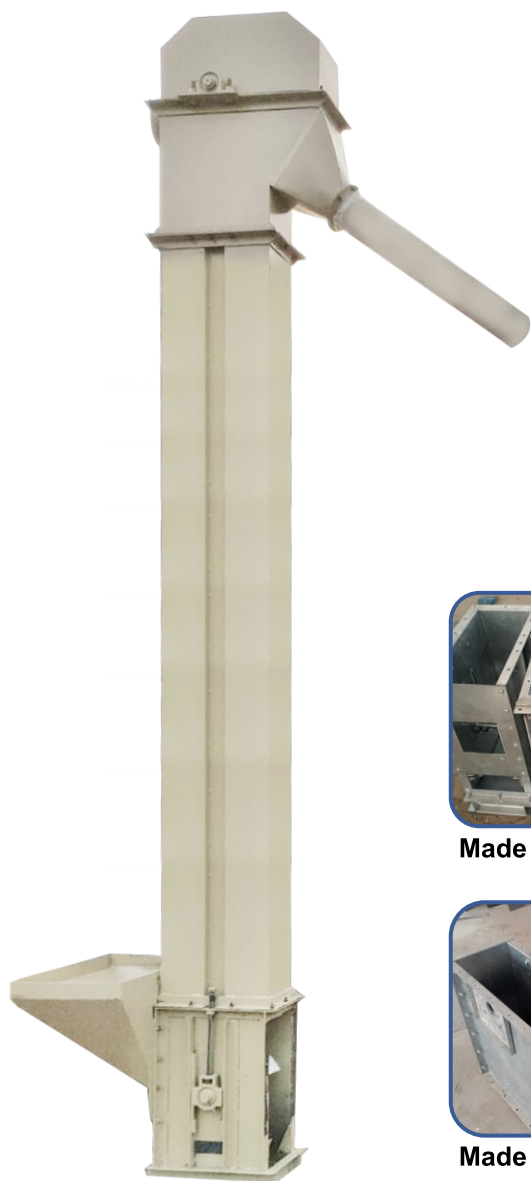
TECHNIC SPECIFICATION (NTA-GS1):

Cleaning capacity	: 100 kg/hr (based on wheat)
Construction	: CNC processed component used for long life and better accuracy.
Dimension	: 1100 x 700 x 1550 mm (L x W x H) approx.
Motor for blower	: 1HP, 2810 RPM, single phase.
Motor for vibrating deck	: 90W, 1440RPM, single phase.
Operating voltage	: 220V, 50Hz, single phase AC.

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VERTICAL BUCKET ELEVATOR



Made by G.I. Sheet



Made by G.I. Sheet

Features:
 ➤ G.I. Sheet.
 ➤ Bearing make SKF/NRB/NTN etc.
 ➤ Motor make Crompton, ABB, etc.



Model No.	NTA-E1	NTA-E2	NTA-E3
Capacity	1-2TPH	3-4TPH	4-5TPH
Motor	1HP with Gearbox	1.5HP with Gearbox	2hp with Gearbox
Bucket size	4Inch	5Inch	6Inch
Material	MS/GI	MS/GI	MS/GI
Belt	Food grade belt jimex	Food grade belt jimex	Food grade belt jimex
Casing size	17.5cmx37.5cm	20cmx45cm	20cmx45cm

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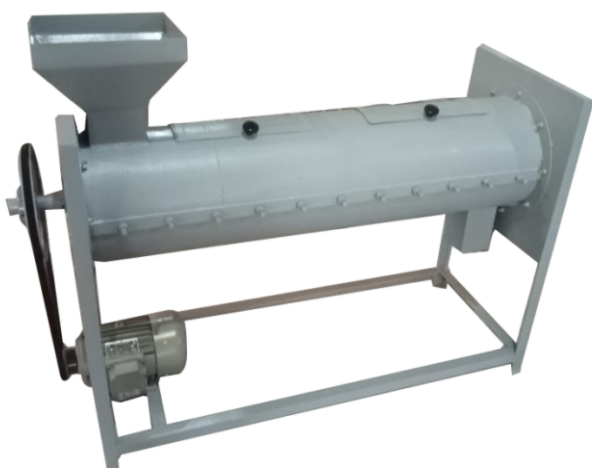
SEED GRADER NTA-SG001



TECHNIC SPECIFICATION (NTA-SG001):

Capacity	: 150-200kg/hr
Material	: Mild Steel
Power	: 2HP, Single phase
Voltage	: 220 V

TAIL CUTTER



Model No.	NTA-TC1	NTA-TC2
Capacity	2-3TPH	4-5TPH
Power	1.5HP	2HP
Dimension (L*W*H)	1500*500*900mm	1600*550*950mm

VIBRO GRADER MTR CLEANING MACHINE NTA-MTR01



TECHNIC SPECIFICATION (NTA-MTR01):

Capacity	: 2-4 Ton/hr
Material	: Mild Steel
Automation Grade	: Automatic
Power Source	: Electric
Voltage	: 440 V

Vibro grader is a effective machine which is use for cleaning all types of seed like wheat, paddy etc.

SEED TREATER NTA-ST1



TECHNIC SPECIFICATION (SWA-ST1):

Capacity Ranges	: 1-5 TPH
Material	: MS

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SEED DRESSING DRUM NTA-DD25

TECHNIC SPECIFICATION (NTA-DD25):

Capacity	: 25 Kg/hr
Material	: Metal/GI
Type	: Grain Processing Equipment
General Use	: For Treater Seed
Power	: Manual



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POUCH PACKING MACHINE



AUTOMATIC WEIGHING & BAGGING MACHINE PNEUMATIC TYPE - NTA-P



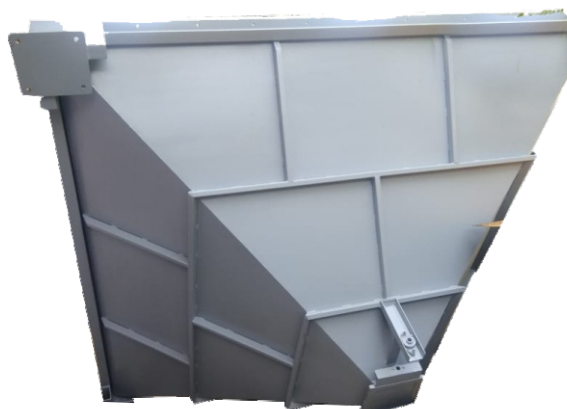
TECHNIC SPECIFICATION (NTA-P):

Weighing Range	: 10-50 kg
Accuracy	: $\pm 0.5\%$
Display	: 7 Segments, 7 Digit LED Display, Digit height 25 mm.
Output Speed	: 3 – 5 bags per min. (No. of (Bags/Min) bags per min depend upon the commodity being weighed, the weight of the bag, and accuracy required).
Bag Holder	: Pneumatic bag holder

PACKING MACHINE WITH CONVEYOR



BAGGING BIN



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PADDY CLEANER NTA-W22



Features:

This equipment utilizes a double sieving system for screening and the winnowing fan removes contaminants like sand, chaff, dust, dead insects, weevils etc. from the grain during pre-cleaning stages in grain warehouses, silos and rice mills.

This equipment is precisely designed for cleaning of cereals, grains, pulses and seeds of different crops and is widely used in the Indian grain markets for paddy and wheat cleaning.

TECHNIC SPECIFICATION(NTA-W22):

Gross weight	: 370kg, (+- 25kg)
Height	: 50" 1
Sheets	: 16 to 18 gauge
Wheel size	: 12" diameter including outer rubber
Capacity	: 4 to 5 Ton per hour
Angle	: ISI Marked heavy duty
Power	: Operated by single phase electric motor

TECHNIC SPECIFICATION (NTA-502):

Type	: Batch Type
Capacity	: 100 Kg/hr
Power	: 1000 Watt
Technology	: Washing
Suitable for	: Root Vegetables & Ginger
Automation Grade	: Semi Automatic
Voltage	: 220-240 V 50 Hz
Frame Material	: Stainless Steel
Is it Portable	: No
Color	: Silver
Loading/Unloading System	: Manual

Product Description:

Size – 750 mm (w) x 900mm (l) x 1000(h). Suitable for washing root vegetables. The machine is equipped by soft/hard brushes which properly clean vegetables under water spray. All contact parts in SS 304.

ROTARY GINGER WASHING MACHINE NTA-502



VIBRATORY GINGER SORTING NTA-503

Features:

- ☑ Less energy consumption, low noise, long service life of the screen.
- ☑ High accuracy in screening, high yield and simple structure.
- ☑ Totally closed structure, automatic discharging, more suitable for assembly line work.
- ☑ The weld joints of each part of the sieve body adopt rolled plate and proximate matter (part of the group adopt bolted connection), it has such characteristics as good integral rigidity and fastness and reliability.



Product Description:

A kind of closed and lightweight water Remove though linear vibrating sifting equipment that is commonly used, it uses a vibration motor as the vibration source, which make the material jump in straight line on the screen of the sifter, materials evenly go into the feed port of the linear vibrating screen from the feeding machine, generate multi-standards materials through the Two layer screen and be discharged from each discharge hole.

TECHNICAL SPECIFICATION (NTA-503):

Transmission Structure	: Eccentric Vibrating Shaker
Usage/Application	: Industrial
Type Of Machine	: New tech
Capacity	: 100 kg per hour
Motor Power	: 1 HP
Brand	: New tech
Automation Grade	: Automatic
Country of Origin	: Made in India

TECHNIC SPECIFICATION (NTA-504):

- ☑ Mounted on MS frame.
- ☑ Made of SS.
- ☑ Chamber walls covered with corborandam.
- ☑ Capacity Approx 100kg per hrs
- ☑ Motor-1hp single phase



GINGER PEEING MACHINE NTA-504



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SS,MS & PVC BELT AUTOMATIC COOLING CONVEYORS, 220 & 440 V NTA-505

Features:

- ☑ Sheet metal, powder-coated sections.
- ☑ Mechanical tensioning and tracking systems.
- ☑ All rollers fitted with sealed ball bearings in mild steel.
- ☑ End section frames made from heavy-duty structural angles.

Product Description:

This will be used to maintain the products temperature as per the specifications in the continuous line will drop the material in Bucket elevator for packing machine.

TECHNICAL SPECIFICATION (NTA-505):

Roller type	: Designed according to load capacity
Roller conveyor Speed	: Max 35m/min
Roller conveyor Angle	: 45°60°90°
Power	: 0.4KW
Load capacity	:10-50kgs



TECHNIC SPECIFICATION (NTA-506):

- ☑ Mounted on MS frame.
- ☑ Made of SS.
- ☑ Chamber walls covered with corborandam.
- ☑ Capacity Approx 100kg per hrs
- ☑ Motor-1hp single phase

GINGER SLICER NTA-506



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TRAY DRYER (FOOD DEHYDRATOR) NTA-507



Product Description:

We provide wide ranges of Stainless Steel Tray Dryer Instrument. Double walled construction on heavy iron angle, inner chamber made of Mild steel or Stainless Steel painted with temperature. Resistant paint & outer finished with hammer tone paint.

TECHNICAL SPECIFICATION (NTA-507):

Automation Grade	: Semi-Automatic
Capacity	: 0-150kg
Material	: Stainless Steel
Material Grade	: Ss304
Heating Media	: Electric
Brand	: MC
Automatic Grade	: Automatic
Temperature Range	: 50 degree C to 200 degree C
Tray	: 36
Loading capacity	: 150kg
Power	: 3kw single phase
Tray size	: 16x16inch

TECHNIC SPECIFICATION (NTA-508):

Material	: Mild Steel
Brand	: New Tech
Automation Grade	: Fully Automatic
Phase	: Three Phase
Machine Capacity	: 130 Kg Per Hour
Voltage	: 220-240V
Warranty	: 1 Year
Motor Power : 10 HP	
Power Source	: Electric
Frequency	: 50-60 Hz
Surface Finish	: Color Coated

IMPACT PULVERISER 10HP NTA-508



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DOUBLE-JACKETED CATTLE WITH STIRRING FOR GINGER PASTE 30KG PER BATCH NTA-509



Product Description:

We are leading manufacturers of tilting type steam jacketted kettles. Materials: Contact part will be made of SS 304 grade , Supporting frame with MS

TECHNICAL SPECIFICATION (NTA-509):

Model	: Dish type Bottom,
Capacity	: 30kg per batch
Material	: SS 304 gr
Color	: Customized
Usage/Application	: Food industries



TECHNIC SPECIFICATION (NTA-510):

Type	: Cold press/hot press
Voltage	: 220v
Motor	: 1.14ho
Capacity	: 20-25kg per hrs
Keep working	: 10-12hr continues
Weight	: 140kg approx.
Total power	: 2000watt



OIL EXPELLER MACHINE MT-805(HEAVY DUTY OIL PRESS) NTA-510



WOOD CHIPPER MACHINE NTA-11



TECHNIC SPECIFICATION (NTA-11):

- ☑ Main Shaft Thickness 65mm
- ☑ Multi Speed Gear Box
- ☑ J.K.Tyre 616
- ☑ High Speed Blade 13mm
- ☑ Drum Sheet 12mm
- ☑ Output material 10mm to 25mm
- ☑ Capacity 5TPH
- ☑ Head size 13inches
- ☑ Automatic Loading Required to operate Tractor 50+HP Wheel -40MM

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