TPN NEW TECH ENGINEERS MACHINERY (INDIA) PRIVATE LTD

CIN:U46599UP2024PTC199181

GSTIN: 09AAKCT8429KIZL



MD/CEO
Mr. Menjur Hessen

COMPLETE SOLUTION

FOOD PROCESSING MACHINERIES





ALL KINDS OF MACHINERY MANUFACTURING & ERECTION.

Flourmill, Rice Mill, Pulse Plant, Wheat Flour Plant, Besan Plant, Maize & Idli Greet Plant, Milk Processing. Mix & Match High Energy Meal Plant, THR Plant, Organic Oil Mill Plant, Solvent, Oil Plant & ETC.



Unit: 1 Add: Plot -No-D/20 UPSIDC Industrial Area Baghpat Uttar Pradesh West Pin -250609 (District Baghpat) India.



MR. MANJUR HASSAN MR. NISAR KHAN +919359719221 // +918208996884 //+919520306786



newtechengineerspvtltd@gmail.com // enquiry.newtechdelhi@gmail.com www.newtechengineerspvtltd.com // info@newtechengineerspvtld.com









FOR GRAIN PROCESSING INDUSTRY





Certificate of Registration

This is to certify that

M/S TPN NEW TECH ENGINEERS MACHINERY (INDIA) PRIVATE LIMITED

D - 20, BAGHPAT, SITE D - 20, UPSIDC BAGHPAT - 250609, UTTAR PRADESH, INDIA.

> has been independently assessed by QRO and is compliant with the requirement of:

> > ISO 9001:2015

Quality Management System

For the following scope of activities:

MANUFACTURING, TRADING, INSTALLATION OF FOOD PROCESSING MACHINERY AND SEED INDUSTRY MACHINERY.

Date of Certification: 12th April 2024 1st Surveillance Audit Due: 11th April 2025

2nd Surveillance Audit Due: 11th April 2026 Certificate Expiry: 11th April 2027

Certificate Number: 305024041214Q









Validity of this certificate is subject to annual surveillance audits to be done successfully on or before 365 days from date of the audit. (In case surveillance audit is not allowed to be conducted; this certificate shall be suspended / withdrawn).

The Validity of this certificate can be verified at www.qrocert.org

This certificate of registration remains the property of QRO Certification LLP, and shall be returned immediately upon request.

India Office : QRO Certification LLP

142, IInd Floor, Avtar Enclave, Near Paschim Vihar West Metro Station, Delhi-110063, (INDIA) Website: www.qrocert.org, E-mail: info@qrocert.org





ABOUT OUR COMPANY

We are the team of expert in the field of process & Technology, Project Engineering product Development, Project Management delivery under New Tech Engineers.

New Tech Engineers is the lead for Design & Building of Grains & Food Processing Machineries & Related Accessories. It is active in design & project Consulting, Project Feasibility Reports, Audits, Speciality Project, Trading Of colours Sorter/Bagging And Packing Machineries/ Weigher/ Single Machines required for various applications Grains/ Cereals and Snack food industry.

OUR MISSION

Our Purpose is to create brighter lives for people of today and generations to come!

We Connect our Unique Competences in Grains and Food Processing to create solutions that nourish, protect and improve health & performance.

OUR STRENGTH

- We works as one team client and New Tech Engineers
- We Practice the Good Project Management Principles
- We have all services disciplines under one roof Architecture, Civil & Structural Process Engineering, mechanical Engineering, Electrical Engineering, Plumbing, Fire Fighting and Life Safety System Environmental Engineering.
- We have delivered project and we know the pains & problems of delivering a Project Successfully.



We stay, support and work together With the client till the end.





OUR VISION



Product and Process Innovation Development of new process with



Efficient Operation
with IOT
Diagnosis, Data
Acquisition, Production reporting,



Bi Product UtilizationValue Creation in process steps Product and by Products.



Energy Optimization
Energy efficient Process Makes
Less Energy to Perform the same
task or Produce the same result.

OUR EXPERIENCE

Our Purpose is to create brighter lives for people of today and generations to come!

We Connect our Unique Competences in Grains and Food Processing to create solutions that nourish, protect and improve health & performance.

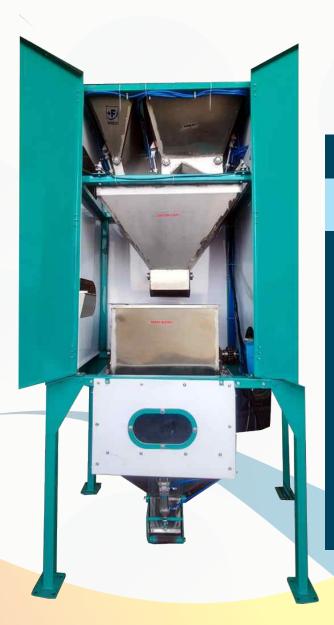
BUSINESS AREA

The Folloeing Process Will Help Customers To Optimize Their Business Processes And Create Value Additions Through Innovation S And Ensuring Sustainable Growth.

Flour Mill Processing
Paddy/rice Processing
Pulses Processing
Spices Processing
Wheat & Millets Processing
Sesame Processing
Oil Plants
Co Gen Power Plants
Animal Feed Plants



FOR GRAIN PROCESSING INDUSTRY



TECHNICAL SPECIFICATION

- All contact part are made in Ss304
- Dynamic ribbon mixture
- 4 to 8 ton per hour blending capacity
- 50 Kg Bagging capacity
- Motor Power 1 HP
- No. of Mixing Grains up to 3 Grains
- Load Cell Accuracy ± 0.1 %
- Load cell system 4 load cell arrangement
- Mixing Ratio 1: 100
- Dimensions ILxBxH) 5x3x9 Feet

CONTROL PANELDELTA AND SCHNEIDER

PNEUMATIC SYSTEM
USE ALL JANATICS PARTS

GEAR VIJAY MAKE 128/35.1 RATIO

LOAD CELL ADI/ HAK / KELI INTERFACE HMI (TOUCH SCREEN)

MOTOR USED NGI MAKE 1 HP 1440 RPM







FOR GRAIN PROCESSING INDUSTRY





ELECTRIC MOTOR

















FOOD PROCESSING MACHINERIES



PRE CLEANER

The New Tech Cleaner (Ac) is a universal machine which is well suited for pre cleaning of many different species of grains & heavy Seeds. it is also ideal to dress malting barley & milling grain to the highest quality. it has a very good influence in INDIA & Abroad also.

FEATURES

- 1. Top mounted Air extraction for best aspiration
- 2. Steepness variable air controls.
- 3. Easily changeable sieves with large surface area
- 4. As the machine is dynamically balanced hence there is vibration.
- 5. Specially designed rubber balls/beaters to check sieve perforation clogging.



PLAN SHIFTER

It is indented cylinder screen type it separate broken or shorter grain from whole gain by length. This machine efficiently separate broken rice and head rice from raw rice, steam rice, parboiled rice and basmati rice.

- 1. Maximum Sieve Surface area.
- 2. Sieve frame of synthetic-resign -coated wood.
- 3. High accurate Grading of the product.
- 4. Easy to adjust the sieve sizes and flow of product.
- 5. Removal of Brain from wheat flour.
- 6. Grading of clean and hygiene flour in wheat flour mill, maize mill. Rice mill etc.







FOOD PROCESSING MACHINERIES



BRAN CENTRIFUGAL

Bran centrifugal has advanced operating systems. it is designed with the assistance of innovative technology. Our rice bran centrifugal has good separation capacity. it is widely used for cleaning of wheat, seed, paddy, rice pulses, granular plastic iron powder & copper powder.

FEATURES

- 1. Available in different mesh sizes
- 2. High Yield
- 3. Compact Structure
- 4. Smooth operation
- 5. Flexible Designing
- 6. High Quality Screens



DE-STONER

The New Tech Engineers De-stoner remove stone iron particles, mud, dust, and impurities etc. This machine performs on the basis of density difference by adjusting the aspiration.

FEATURES

Low maintenance, precious separation of stones.

- 1. Compact design closed dust aspiration system.
- 2. Imported Vibro Motors for trouble free, long life and low maintenance.
- 3. Rigid and heavy duty construction.





FOOD PROCESSING MACHINERIES



PNEUMATIC RUBBER SHELLER

The NTE Rubber Sheller is completely automatic system ensures correct feed rate and pressure between rubber rolls which reduce the rubber roll consumption and lower broken percentage.

High efficient de husking for Boiled, Raw, Steam & Basmati Rice.

FEATURES

- 1. FEEDER: the vibrator feeder provide in the color sorter is introduce. it simultaneously provides smooth, consistent and high throughout put. it is quipped with a feeder volume controls which can vary the flow rate in a continuous linear manner.
- 2. CHUTE: The new chute is designed to automatically controlled in the best orientation. it maintain the paddy on the chute in a uniform and consistent feed.



HUSKASPIRATOR

New Tech Engineers Husk Aspirator are used for aspirate husk/light particles from the product steam.

- 1. In-built fan for husk separation
- 2. accurate separation
- 3.Low maintenance





FOOD PROCESSING MACHINERIES



PADDY SEPARATOR

The New Tech Engineers paddy Separator mainly designed for high capacity and efficiency separate paddy and brown rice.

FEATURES

Low maintenance, precious separation of stones.

- 1. Tray type
- 2. Separation of three distinct classifications paddy brown rice and mixure.



WHITENER

Rice whitener is used for whitening a brown rice. it uses vertical abrasive grinding wheel top to bottom working principle.

A specially designed aspiration system takes away the bran produced during whitening process.

It is equipped with a mechanism for adjusting degree of whiteness.

- 1. Equality milling higher for boiled, Raw, Steam & Basmati Rice.
- 1. Equally milling higher yield rice with low broken.
- 2. it can handle Raw, Steam and Parboiled rice.
- 4. Heavy duty construction.
- 5. Low Maintenance cost.





FOOD PROCESSING MACHINERIES



SILKY POLSHER

Is used for polishing rice surface by spraying water through mixing chamber and creating friction among rice grains using milling rollers. The weight controlled outlet of the silky polisher controls the retaining time of kernels inside the milling chamber. The water jet silky polisher produces rice grains with a shiny surface finish.

FEATURES

- 1. This silky polisher machine design of water closing mechanism.
- 2. Specially designed milling rollers for higher glazing.
- 3. Easy for cleaning and lower maintenance.
- 4. Easy for cleaning and lower maintenance.

LENGTH GRADER

It is indented cylinder screen type it separations broken or shorter grain from whole gain by length. This machine efficiently separate broken rice and head rice from raw. steam rice, parboiled rice and Basmati rice.

- 1. Modular construction of cylinder one above the other to save space.
- 2. Easy maintenance an minimum operating cost.
- 3.inbuilt self-cleaning mechanism to ensure optimum separation.





FOOD PROCESSING MACHINERIES



THIN GRADER

This machine is used to separate different thickness grains in brown rice / polished rice.

The material is passed through revolving cylindrical screens, for separating over or undersized grains.

Highly efficient for Separating admixture of over size or to separate immature broken etc.

FEATURES

- 1. Suitable for both brown & white rice.
- 2. Efficient machines for sizing paddy & other cereals.
- 3. Compatible with cater day screen.
- Similar setup for removal of over sized & under sized grains.

LENGTH GRADER

It is indented cylinder screen type it separations broken or shorter grain from whole gain by length. This machine efficiently separate broken rice and head rice from raw. steam rice. parboiled rice and Basmati rice.

- 1. Modular construction of cylinder one above the other to save space.
- 2. Easy maintenance an minimum operating cost.
- 3.inbuilt self-cleaning mechanism to ensure optimum separation.







FOOD PROCESSING MACHINERIES



BUCKET ELEVATOR

New Tech Engineers Bucket Elevator are mainly used in Rice Mill, Dhal Mill & flour Mill Elevator are equipped with some of today's most innovative features for maximum efficiency, performance and easy operations. Highly corrosion resistant and standardized with a powder coated finish for long lasting durability and superior appearance. This bucket elevators will provide years of reliable operation for a variety of grain delivery requirements.

The company is committed to the quality and believe in conceiving new ideas with extensive research and development to cater over changing requirement of clients.



ZTYPE BUCKET ELEVATOR

The Bucket Elevator is designed to lift various materials up to the delivery positions at the top of the machine. The bucket are suspended in continuity hollow chains that are pulled by a gear motor installed at the top horizontal arm and located on the outside of the steel plates. The materials inlet is located at the lower horizontal arm and is consisting of a vibration feeder and brushing devises that provide continues and consistent flow of the material to the buckets. The unit is mounted with inspections hatches for services and maintenance. There is a draw in the lower section allowing for easy cleaning.



TPN NEW TECH ENGINEERS MACHINERY (INDIA) PRIVATE LTD

CIN:U46599UP2024PTC199181





SCREW CONVEYOR

It is used for conveying conveying various arrays of bulk materials. Our screw conveyor allows midway discharge of materials at different given points. Our through is entirely dust proof, which is made by covering it with quality metal located in the screw conveyor. Capable of providing bulk materials to its destination, it can also transport semi-moist and fibrous materials, our firm provides screw conveyors, which may have one or two shaft and can be inclined or horizontal as per the requirement of our client, our screw conveyors are widely applied in a movement of grains, cereals and hot liquid in a proficient way.



BELT CONVEYOR

New Tech Engineers conveyors are accurately designed and engineered under the guidance of our professionals using high quality raw materials and advanced technologies.

These Rugged and sturdy build flat belt conveyors are widely used for long assembly line operations, testing, sorting, inspections and packing, in other to meet the requirements of customers, these flat belt conveyors can be floor-supported of ceilling-hung.

It is in very convenience, Low maintenance, Highly energy efficient, Simple in construction and lightweight.



CHAIN CONVEYORS

chain Conveyor are varied and suitable for a wide range of purposes chain conveyor allow Bulk material to be moved smoothly and economically. material are handed gently, creating a fluid conveyor system which can move horizontally. vertically and around bends. Chain conveyor is used to transport grain as horizontally. It has different models according to capacity, usage and product type. Optionally, polyethylene or abrasion proof steel plate can be coated on bottom and side sheets of conveyors for long life-span.

Its installation is very easy due to bolt&nut connected also, technical services and maintenance are fast and easy.







MACHINE LAYOUT





HUSK ASPIRATOR







WATER DAMPHNER

MAGNET





MIXTURO MACHINO

GRAIN GRINDING PLANT



WWW.newtechengineerspvtltd.com // info@newtechengineerspvtltd.Com

TPN NEW TECH ENGINEERS MACHINERY (INDIA) PRIVATE LTD An Iso 9001:2015 Certified

MACHINE LAYOUT



RICE GRADOR



DESTONER WITH FAN







MANA HORIZONTAL CYCLONE



WWW.newtechengineerspvtltd.com // info@newtechengineerspvtltd.Com







BELT CONVEYOR

BELT CONVEYOR







TRUCK LOADER









LASER CUTTING MACHINE



CNC BANDING MACHINE



ELEVATOR BOTTOM



ELEVATOR TOP



DE STONER YAN MARK



BRAN FILTER









MAGNET

MAGNET





DUST COLLECTRION CYCLONE

HEAVY DUTY CHAKKI

DE STONER YAN MARK

BRAN FILTER









MINI PLANSHIFTER

ROUND SHIFTER





ATTA PACKER

VIBRO FEEDER







MACHINE LAYOUT





PNEUMATIC SLIDE GATE

SS PNEUMATIC GATE





PNEUMATIC DIVERTOR

SS PNEUMATIC DIVERTOR



MACHINE LAYOUT







AIR LOCK

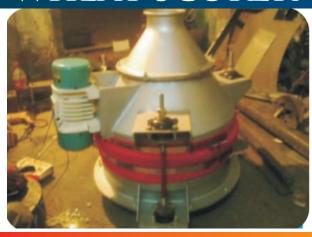
IMPACT PULVISOR





WHEAT SCORER

IMPACT PULVISOR





BIN DISH CHARGE

RIBBON BLENDER



MACHINE LAYOUT







HUSK BLOWER

CENTRIFUGAL FAN





CHAIN CONVEYOR

CHAIN CONVEYOR





DA STONIER

VIBRO SEPARATOR MTRA





AIRLOCK

Airlock, Cyclone And Blower System
Is Utilised For Aspiration And Dust Collection
In Rice Mill, Dhal Wheat & Flour Mills Etc.



Magnet Are Utilised For Collecting Iron Particles In Rice, Dal, Wheat Etc.





CYCLONE

BLOWER







MACHINE LAYOUT





VIBRO ASPIRATION CHANNEL

SS PNEUMATIC SLIDE GATE





SPOUTING

MACHINERY HOPPER



TPN NEW TECH ENGINEERS MACHINERY (INDIA) PRIVATE LTD

CIN:U46599UP2024PTC199181

MILL SPARE PART







SPOUTING



UNIVERSAL ELBOW



ELBOW SEGMENTS



"Y" BRANCHES



"Y" BRANCHES



DIVERTER VALVES



CONICAL TRANSITION



TRANSITIONS



INSPECTION SPOUT



AIR LOCK



BLOWER



CYCLONE

TPN NEW TECH ENGINEERS MACHINERY (INDIA) PRIVATE LTD An Iso 9001:2015 Certified















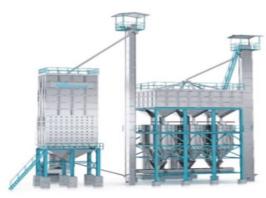






















TPN NEW TECH ENGINEERS MACHINERY (INDIA) PRIVATE LTD

CIN:U46599UP2024PTC199181



PARBOILING PLANTS & DRYERS

Parboiling of paddy is a hydrothermal process in which the starch granules in the gletinized by the application of steam and hot water. This process offers several advantages such as increased yield of head rice, increased shelf life of the grain, resistance towards fungus, rodents and insects, Improved nutrition of rice. The term parboiling (also known as boiling or overheating hydrothermal rice treatment) cover the operation to which the paddy is subjected before milling. Water and heat are the two main elements in the process after steeping followed by heating, which involves the action of steam. The rice must be dried before milling and storage. Rice is one of the most important food crops of **INDIA** in terms of both area, production and consumer preference.

DRIER'S AVAILABLE IN:

Drier's available in 16 Tonne to 40 Tonne per batch

PARBOILING PLANT AVAILABLE IN:

Parboiling Plant Single Stage Parboiling Plant Double Stage Parboiling Plant Three Stage







STORAGE BUNKERS

New Tech has designed, developed and installed system for grain (Paddy Rice Dal & wheat) storage, Loading & Unloading for silo and storage bins. we have installed system of various capacity at many place.









GRAIN STORAGE BUNKER









TPN NEW TECH ENGINEERS MACHINERY (INDIA) PRIVATE LTD

CIN:U46599UP2024PTC199181







TPN NEW TECH ENGINEERS MACHINERY (INDIA) PRIVATE LTD

CIN:U46599UP2024PTC199181









ELECTRIC PANEL BOARD





PNEUMATIC ROBBER SHELLER

FEATURES:

1. A feeder Vibrator is provided to sort different color of rice (Newly Introduced!!!).

Equipped with feeder volume controlconsistent flow rate.

Newly designed Chute-A unique Slide with PLC controls ensures that paddy is fed exactly in between the Rubber Rolls.









MACHINE LAYOUT



MAIZE, WHEAT AND GREET LOUR ATTA CHAKKI PLANT.

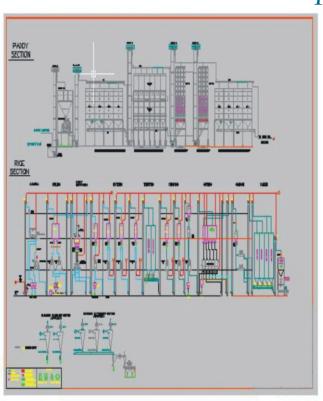


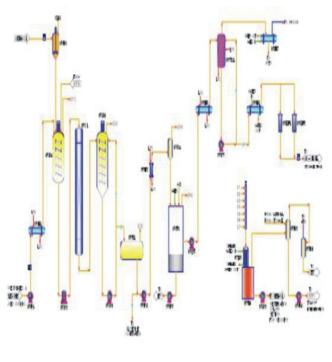
RICE MILL PLANT



CIN:U46599UP2024PTC199181





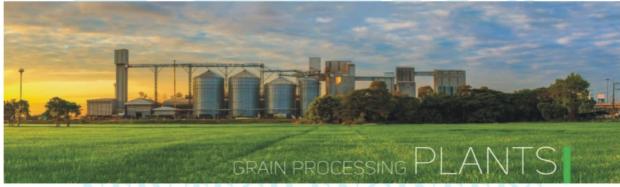
































CIN:U46599UP2024PTC199181

RICE MILL PLANT









TPN NEW TECH ENGINEERS MACHINERY (INDIA) PRIVATE LTD An Iso 9001:2015 Certified

RICE MILL PLANT







CIN:U46599UP2024PTC199181

RICE MILL PLANT













CIN:U46599UP2024PTC199181











CIN:U46599UP2024PTC199181















CIN:U46599UP2024PTC199181

















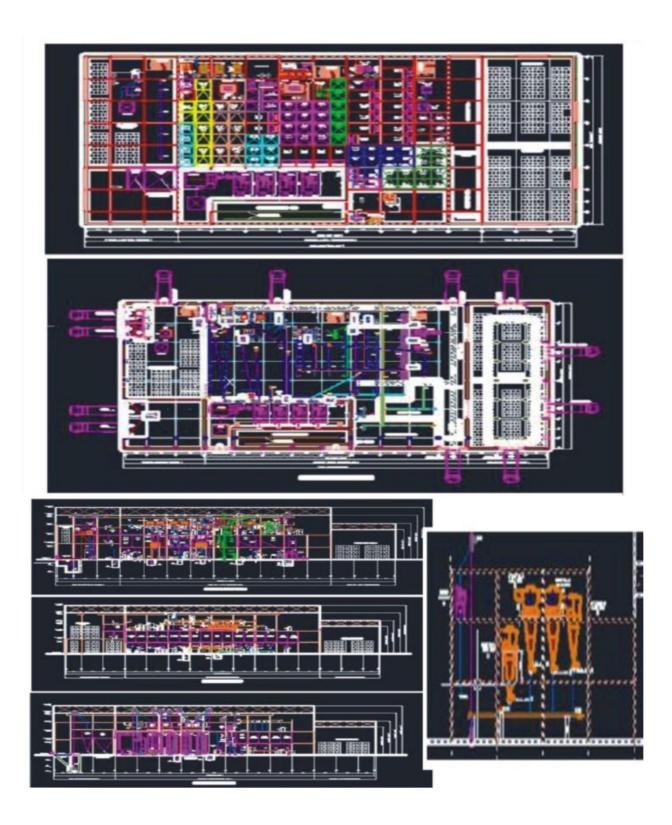








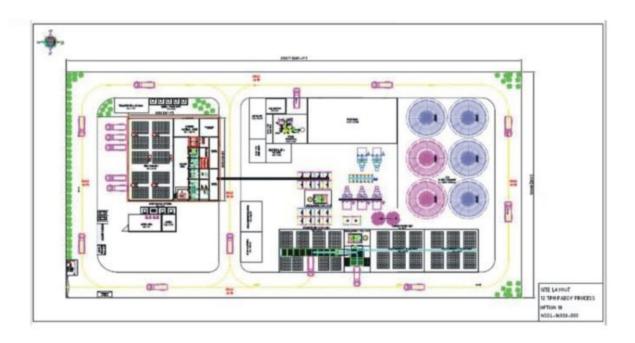








PROJECT EXECUTED AND ONGOING



Machine Layout



CIN:U46599UP2024PTC199181



PROJECT EXECUTED AND ONGOI 100 9001:2015 Certified





























NEW TECH ENGINEERS
FOOD PROCESSING PRIVATE LTD.
RC NO: 7278549

NEW TECH ENGINEERS

COMPLETE SOLUTION

MD/GEO
Mr. Manjur Hassan

FOR

FOOD PROCESSING MACHINERIES

- +2349040000099 +2349049999979
- newtechengmrkt.srvc.pvt.ltd@gmail.com
- Nigeria Office Add: No: 14B 3RD Floor, Murtala Muhammed Way Opp. Well Care, Kano Nigeria.



