Newer And More Powerful...
Where, all your efforts yield success...
TANIS origins...

TANIS derives from the last name of Company Founder Mr. Kemal TAN. 'Tan' meaning of "dawn" before the sunrise which affiliates waking up early and moving ahead of others. Company name-TANIS, derives from the last name and reach significance of 'To MEET- To BUILD RELATIONSHIP'. Since then, as a company, we carry out family principal and build our family including our clients and business partners. TANIS, becomes stronger with the extensive world wide family members over 60 years of past.

Do you want to meet and join our TANIS family?
Newer And More Powerful

AERO SCREEN CLEANER
GRAVITY SEPARATOR
SUPER CLEANING MACHINE
Our company, TANIS MACHINE TECHNOLOGIES is leading agricultural machines manufacturer Company since 1956 from TURKEY. We manufacture, export, install and commission flour, semolina, maize milling plants, oilseeds and pulses processing plants, grain stocking and handling systems and feed mills with the latest modern technological methods with any capacity range designed as compact or concrete construction forms in 24,000 m² closed area in Gaziantep Organized Industrial Zone.

We have obtained to certificate our quality standards to ISO, CE, TUV and TSE norms with the first modernization in 1990. Within the second modernization in 2014-2015, renewed our image in terms of institutionalism, professional management and new brands as,

Within R&D dept, QC dept, brand new sand blasting chemical washing high technology paint facility, unconditional customer satisfaction policy and young and dynamic expert staff, we serve agro-industry technologies to all over the world from TURKEY.

Success is no coincidence...
We process the best quality metal from ST-37 to Cr-Ni with the high-tech automatic steel processing benches minimizing human faults. All the machines, electronically and mechanically tested after production.

Latest technology oven paint house has commissioned in the last quarter of 2013 to improve our paint quality standards. Quality control occupational health and safety, raw material quality control, research and development and project management departments are working hard for our customers satisfaction.
# SEED PROCESSING INDEX

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>AEROSCREEN CLEANER</td>
<td>12</td>
</tr>
<tr>
<td>VIBRO SEPARATOR</td>
<td>16</td>
</tr>
<tr>
<td>SUPER CLEANING MACHINE</td>
<td>18</td>
</tr>
<tr>
<td>INDENT CYLINDER</td>
<td>22</td>
</tr>
<tr>
<td>GRAVITY SEPARATOR</td>
<td>24</td>
</tr>
<tr>
<td>DE-STONER</td>
<td>28</td>
</tr>
<tr>
<td>TRIANGLE DE-STONER</td>
<td>30</td>
</tr>
<tr>
<td>RADIAL TARAR</td>
<td>32</td>
</tr>
<tr>
<td>TREATING MACHINE</td>
<td>34</td>
</tr>
<tr>
<td>DE-AWNER</td>
<td>36</td>
</tr>
<tr>
<td>ROTARY SEPARATOR</td>
<td>38</td>
</tr>
<tr>
<td>CALIBRATING SIEVE</td>
<td>40</td>
</tr>
<tr>
<td>Equipment Type</td>
<td>Capacity</td>
</tr>
<tr>
<td>----------------------------------------------------</td>
<td>---------------</td>
</tr>
<tr>
<td>Plansifter</td>
<td></td>
</tr>
<tr>
<td>Vertical Peeling Machine</td>
<td></td>
</tr>
<tr>
<td>Splitting Machine</td>
<td></td>
</tr>
<tr>
<td>Automatic Grain Packing Machine</td>
<td></td>
</tr>
<tr>
<td>Tanis Auxiliary Equipment</td>
<td></td>
</tr>
<tr>
<td>Complete Turn-Key Project &amp; Solutions</td>
<td></td>
</tr>
<tr>
<td>10 Tons / Hour Capacity Seed Plant</td>
<td></td>
</tr>
<tr>
<td>5-7 Tons / Hour Capacity Oilseed and Pulses Cleaning Plant</td>
<td></td>
</tr>
<tr>
<td>60 Tons / Day Capacity Lentil Processing Plant</td>
<td></td>
</tr>
<tr>
<td>5-8 Tons / Hour Capacity Sesame Cleaning Plant</td>
<td></td>
</tr>
<tr>
<td>8 Tons / Hour Capacity Fava Processing Plant</td>
<td></td>
</tr>
<tr>
<td>Tanis Auxiliary Equipment</td>
<td></td>
</tr>
</tbody>
</table>
Grain processing roots lays to the saving seeds for past centuries, means to clean and purify the seeds from the impurities, straws, insects, earth and prepare the crop to be bred to the earth for the next season. As TANIS SEED PROCESSING TECHNOLOGIES, we are proud to serve the latest technology to our farmers worldwide to process the seeds by increasing the yield up to 25%.

Also with the peeling and splitting equipment, we are meeting you up with the natural agricultural products to you with the ‘from the earth to the dishes’ motto.

Following our seed processing machines...
AEROSCREEN CLEANER

AEROSCREEN NETTOYEUR | ВОЗДУШНО ОЧИСТИТЕЛЬНЫЙ СЕПАРАТОР | غربال التفية ذو سعة عالية
Newer And More Powerful
Air channel and impurity motors

Screen cases

Air outlet
**SCOPE OF USE**

High capacity aeroscreen cleaner designed for pre-cleaning and main cleaning of seeds and cereals, increasing the storage life of the grain by removing the impurities with super efficient screen and air channel cleaning features.

**FEATURES AND ADVANTAGES**

- Ball box screen cleaning system
- Easy maintenance and calibration
- Strong body and life-long operation
- Highest capacity pre and fine cleaning
- Air flow regulation option
- High screening area for perfect cleaning quality in high capacity
- Low maintenance requirement
- Metal screens with improved durability
- Balance control and safety systems
- Noise and vibration free operation
- Suitable for different kinds of wheat or seeds in different characteristics
- Four different Types Air Control Stations
- Coarse grained offal gets separated and thrown out with the help of screw conveyor
- Inside the grid riffle at Product inlet
VIBRO SEPARATOR

SÉPARATEUR VIBRANT | ВИБРАЦИОННЫЙ СЕПАРАТОР | عربال المنقى الهزازى (غربال القمح الهزازى)
### FEATURES AND ADVANTAGES

- Low energy consumption, high capacity and efficiency
- Noiseless working condition
- Easy cleaning
- Minimum and easy periodic maintenance
- Durability, long lifetime, easy and quick replacement of screen
- Dust-free construction

### SCOPE OF USE

Vibro Separator is combined machine that separates wheat grains from bigger impurities materials by considering length and dimension. Larger impurities are separated from smaller ones by the help of sieves.
SUPER CLEANING MACHINE

MACHINE DE NETTEOYAGE À ULTRA | СУПЕР РЕШЁТНЫЙ ОЧИСТИТЕЛЬ | غربال منقي سوبر
SUPER CLEANING MACHINE

Newer And More Powerful
**SCOPE OF USE**

Super cleaning machine is used for pre-cleaning and precise cleaning of the dry grains. It is manufactured by considering the flexibility in design. It is produced for cleaning of the dry agricultural products such as pulses, cereals and seeds, separating from organic and inorganic impurities. The machine separate the grains from light materials by vacuum room.

**FEATURES AND ADVANTAGES**

- Smooth, noiseless operation
- Easy and quick changing of screens
- High capacity with low power consumption
- Easy operation with PLC command panel
- Vibration free operation
- Complete easy adjustment for the different kinds of seed processing
- Low maintenance requirement

---

### TECHNICAL FEATURES

<table>
<thead>
<tr>
<th>MODEL</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>Screen Area</th>
<th>Capacity l/h</th>
<th>Motor kW</th>
<th>Weights kg</th>
<th>Gross Volume m³</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSTE-102</td>
<td>2100</td>
<td>1190</td>
<td>3026</td>
<td>4045</td>
<td>3</td>
<td>2.5</td>
<td>2</td>
<td>2</td>
<td>0.5</td>
</tr>
<tr>
<td>TSTE-104</td>
<td>2620</td>
<td>1815</td>
<td>3062</td>
<td>4362</td>
<td>9</td>
<td>6</td>
<td>4</td>
<td>4</td>
<td>1</td>
</tr>
<tr>
<td>TSTE-106</td>
<td>3260</td>
<td>1855</td>
<td>3545</td>
<td>4865</td>
<td>15</td>
<td>12</td>
<td>9</td>
<td>9</td>
<td>2.2</td>
</tr>
<tr>
<td>TSTE-108</td>
<td>4380</td>
<td>5740</td>
<td>24</td>
<td>25</td>
<td>20</td>
<td>20</td>
<td>5</td>
<td>15</td>
<td>0.5</td>
</tr>
</tbody>
</table>
INDENT CYLINDER
<table>
<thead>
<tr>
<th>MODEL</th>
<th>DIMENSIONS mm.</th>
<th>TECHNICAL FEATURES</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>A</td>
<td>B</td>
</tr>
<tr>
<td>TMTR-63/200/1</td>
<td>2880</td>
<td>1150</td>
</tr>
<tr>
<td>TMTR-63/200/2</td>
<td>3350</td>
<td>1200</td>
</tr>
<tr>
<td>TMTR-75/240/1</td>
<td>2920</td>
<td>1350</td>
</tr>
<tr>
<td>TMTR-75/240/2</td>
<td>3920</td>
<td>1350</td>
</tr>
<tr>
<td>TMTR-90/200/2</td>
<td>4920</td>
<td>1350</td>
</tr>
<tr>
<td>TMTR-90/300/2</td>
<td>4920</td>
<td>1350</td>
</tr>
<tr>
<td>TMTR-90/400/2</td>
<td>4920</td>
<td>1350</td>
</tr>
</tbody>
</table>

**SCOPE OF USE**

Indent Cylinder is used for eliminating impurities from the granular materials such as wheat, barley, oat, rice, maize, lentil and other fine seeds to be conditioned based on their length.

**FEATURES AND ADVANTAGES**

- High quality
- High efficiency
- High extraction
- High capacity
- Durability
- Perfect indent best quality
- Interchangeable segments
- Easy maintenance
- Low periodical maintenance
- Maximum efficiency with low energy consumption
- Aerodynamic and sturdy structure
- Anti leaking system
GRAVITY SEPARATOR

SEPARATEUR À GRAVITÉ | СОРТИРОВАЛЬНЫЙ ГРАВИТАЦИОННЫЙ СЕПАРАТОР | فصل الجاذب
Newer And More Powerful
Product inlet

Outlets

Product inlet

Deck

GRAVITY SEPARATOR
**SCOPE OF USE**

For grading by specific weight of products with very slight difference in size and/or weight, which cannot be separated by screening (width), aspiration (weight) or by indent cylinders (length). The separator works on a fluidised bed principle; air is forced through the deck causing the light fraction to move uphill, while the light fraction floats downhill. Variation in deck speed, air volume, deck material, deck angle (lengthwise and sidewise), depth of product and take-off points. Allow effective separation to be achieved on almost any dry product. This machine is absolutely necessary in producing seeds of wheat and barley for sowing. It raises ratio of the germination of those seeds.

**FEATURES AND ADVANTAGES**

- PLC compatibility
- Supply with spare deck for small and bigger seeds
- Easy adjusting, especially in the instant of product flowing
- Minimum maintenance costs
- With the help of high air flow rate, works with the best extraction ratios at both small seeds and pulses
- Easy operation
- High efficiency and quality
DE-STONER
Clean Product Outlet  Air Clape Adjustment  Product Inlet

**FEATURES AND ADVANTAGES**

- Effective cleaning
- Automatic control
- Vibration free operation
- Durability
- Long life
- Long lasting special vibration absorbing rubber wedges

**SCOPE OF USE**

De-stoner is used for separation of similar size raw material and impurities which has heavier density than wheat, oat, barley and rice such as stone, clod, etc. Also, by the air suction head, powered by a fan, De-stoner helps eliminating dust from raw materials.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>DIMENSIONS mm.</th>
<th>TECHNICAL FEATURES</th>
<th>Weights kg</th>
<th>Gross Volume m³</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>A</td>
<td>BF</td>
<td>CE</td>
<td>D</td>
</tr>
<tr>
<td>TDTA-60/120</td>
<td>1570</td>
<td>1200</td>
<td>1280</td>
<td>1950</td>
</tr>
<tr>
<td>TDTA-120/120</td>
<td>1870</td>
<td>1700</td>
<td>1430</td>
<td>2100</td>
</tr>
<tr>
<td>TDTA-120/180</td>
<td>2300</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
TRIANGLE DE-STONER
**Scope of Use**

Triangle Stone Separator is used for separation of similar size raw material and impurities which have heavier density than lentil, beans, quinoa, sesame, chickpeas and peas such as stone, clod, etc. Also, by the air suction head, powered by a fan, Triangle Stone Separator helps eliminating dust from the raw material.

**Features and Advantages**

- Effective cleaning
- Vibration free operation
- Automatic control
- Durability
- Long lasting vibration absorbent rubber wedge

---

**Features and Advantages**

- Effective cleaning
- Vibration free operation
- Automatic control
- Durability
- Long lasting vibration absorbent rubber wedge

---

**Scope of Use**

Triangle Stone Separator is used for separation of similar size raw material and impurities which have heavier density than lentil, beans, quinoa, sesame, chickpeas and peas such as stone, clod, etc. Also, by the air suction head, powered by a fan, Triangle Stone Separator helps eliminating dust from the raw material.

**Features and Advantages**

- Effective cleaning
- Vibration free operation
- Automatic control
- Durability
- Long lasting vibration absorbent rubber wedge

---

**Scope of Use**

Triangle Stone Separator is used for separation of similar size raw material and impurities which have heavier density than lentil, beans, quinoa, sesame, chickpeas and peas such as stone, clod, etc. Also, by the air suction head, powered by a fan, Triangle Stone Separator helps eliminating dust from the raw material.

**Features and Advantages**

- Effective cleaning
- Vibration free operation
- Automatic control
- Durability
- Long lasting vibration absorbent rubber wedge

---

**Scope of Use**

Triangle Stone Separator is used for separation of similar size raw material and impurities which have heavier density than lentil, beans, quinoa, sesame, chickpeas and peas such as stone, clod, etc. Also, by the air suction head, powered by a fan, Triangle Stone Separator helps eliminating dust from the raw material.

**Features and Advantages**

- Effective cleaning
- Vibration free operation
- Automatic control
- Durability
- Long lasting vibration absorbent rubber wedge

---

**Scope of Use**

Triangle Stone Separator is used for separation of similar size raw material and impurities which have heavier density than lentil, beans, quinoa, sesame, chickpeas and peas such as stone, clod, etc. Also, by the air suction head, powered by a fan, Triangle Stone Separator helps eliminating dust from the raw material.

**Features and Advantages**

- Effective cleaning
- Vibration free operation
- Automatic control
- Durability
- Long lasting vibration absorbent rubber wedge

---

**Scope of Use**

Triangle Stone Separator is used for separation of similar size raw material and impurities which have heavier density than lentil, beans, quinoa, sesame, chickpeas and peas such as stone, clod, etc. Also, by the air suction head, powered by a fan, Triangle Stone Separator helps eliminating dust from the raw material.

**Features and Advantages**

- Effective cleaning
- Vibration free operation
- Automatic control
- Durability
- Long lasting vibration absorbent rubber wedge

---

**Scope of Use**

Triangle Stone Separator is used for separation of similar size raw material and impurities which have heavier density than lentil, beans, quinoa, sesame, chickpeas and peas such as stone, clod, etc. Also, by the air suction head, powered by a fan, Triangle Stone Separator helps eliminating dust from the raw material.

**Features and Advantages**

- Effective cleaning
- Vibration free operation
- Automatic control
- Durability
- Long lasting vibration absorbent rubber wedge

---

**Scope of Use**

Triangle Stone Separator is used for separation of similar size raw material and impurities which have heavier density than lentil, beans, quinoa, sesame, chickpeas and peas such as stone, clod, etc. Also, by the air suction head, powered by a fan, Triangle Stone Separator helps eliminating dust from the raw material.

**Features and Advantages**

- Effective cleaning
- Vibration free operation
- Automatic control
- Durability
- Long lasting vibration absorbent rubber wedge

---

**Scope of Use**

Triangle Stone Separator is used for separation of similar size raw material and impurities which have heavier density than lentil, beans, quinoa, sesame, chickpeas and peas such as stone, clod, etc. Also, by the air suction head, powered by a fan, Triangle Stone Separator helps eliminating dust from the raw material.

**Features and Advantages**

- Effective cleaning
- Vibration free operation
- Automatic control
- Durability
- Long lasting vibration absorbent rubber wedge

---

**Scope of Use**

Triangle Stone Separator is used for separation of similar size raw material and impurities which have heavier density than lentil, beans, quinoa, sesame, chickpeas and peas such as stone, clod, etc. Also, by the air suction head, powered by a fan, Triangle Stone Separator helps eliminating dust from the raw material.

**Features and Advantages**

- Effective cleaning
- Vibration free operation
- Automatic control
- Durability
- Long lasting vibration absorbent rubber wedge

---

**Scope of Use**

Triangle Stone Separator is used for separation of similar size raw material and impurities which have heavier density than lentil, beans, quinoa, sesame, chickpeas and peas such as stone, clod, etc. Also, by the air suction head, powered by a fan, Triangle Stone Separator helps eliminating dust from the raw material.

**Features and Advantages**

- Effective cleaning
- Vibration free operation
- Automatic control
- Durability
- Long lasting vibration absorbent rubber wedge

---

**Scope of Use**

Triangle Stone Separator is used for separation of similar size raw material and impurities which have heavier density than lentil, beans, quinoa, sesame, chickpeas and peas such as stone, clod, etc. Also, by the air suction head, powered by a fan, Triangle Stone Separator helps eliminating dust from the raw material.

**Features and Advantages**

- Effective cleaning
- Vibration free operation
- Automatic control
- Durability
- Long lasting vibration absorbent rubber wedge

---

**Scope of Use**

Triangle Stone Separator is used for separation of similar size raw material and impurities which have heavier density than lentil, beans, quinoa, sesame, chickpeas and peas such as stone, clod, etc. Also, by the air suction head, powered by a fan, Triangle Stone Separator helps eliminating dust from the raw material.

**Features and Advantages**

- Effective cleaning
- Vibration free operation
- Automatic control
- Durability
- Long lasting vibration absorbent rubber wedge

---

**Scope of Use**

Triangle Stone Separator is used for separation of similar size raw material and impurities which have heavier density than lentil, beans, quinoa, sesame, chickpeas and peas such as stone, clod, etc. Also, by the air suction head, powered by a fan, Triangle Stone Separator helps eliminating dust from the raw material.

**Features and Advantages**

- Effective cleaning
- Vibration free operation
- Automatic control
- Durability
- Long lasting vibration absorbent rubber wedge

---

**Scope of Use**

Triangle Stone Separator is used for separation of similar size raw material and impurities which have heavier density than lentil, beans, quinoa, sesame, chickpeas and peas such as stone, clod, etc. Also, by the air suction head, powered by a fan, Triangle Stone Separator helps eliminating dust from the raw material.

**Features and Advantages**

- Effective cleaning
- Vibration free operation
- Automatic control
- Durability
- Long lasting vibration absorbent rubber wedge

---

**Scope of Use**

Triangle Stone Separator is used for separation of similar size raw material and impurities which have heavier density than lentil, beans, quinoa, sesame, chickpeas and peas such as stone, clod, etc. Also, by the air suction head, powered by a fan, Triangle Stone Separator helps eliminating dust from the raw material.

**Features and Advantages**

- Effective cleaning
- Vibration free operation
- Automatic control
- Durability
- Long lasting vibration absorbent rubber wedge

---

**Scope of Use**

Triangle Stone Separator is used for separation of similar size raw material and impurities which have heavier density than lentil, beans, quinoa, sesame, chickpeas and peas such as stone, clod, etc. Also, by the air suction head, powered by a fan, Triangle Stone Separator helps eliminating dust from the raw material.

**Features and Advantages**

- Effective cleaning
- Vibration free operation
- Automatic control
- Durability
- Long lasting vibration absorbent rubber wedge

---

**Scope of Use**

Triangle Stone Separator is used for separation of similar size raw material and impurities which have heavier density than lentil, beans, quinoa, sesame, chickpeas and peas such as stone, clod, etc. Also, by the air suction head, powered by a fan, Triangle Stone Separator helps eliminating dust from the raw material.

**Features and Advantages**

- Effective cleaning
- Vibration free operation
- Automatic control
- Durability
- Long lasting vibration absorbent rubber wedge

---

**Scope of Use**

Triangle Stone Separator is used for separation of similar size raw material and impurities which have heavier density than lentil, beans, quinoa, sesame, chickpeas and peas such as stone, clod, etc. Also, by the air suction head, powered by a fan, Triangle Stone Separator helps eliminating dust from the raw material.

**Features and Advantages**

- Effective cleaning
- Vibration free operation
- Automatic control
- Durability
- Long lasting vibration absorbent rubber wedge

---

**Scope of Use**

Triangle Stone Separator is used for separation of similar size raw material and impurities which have heavier density than lentil, beans, quinoa, sesame, chickpeas and peas such as stone, clod, etc. Also, by the air suction head, powered by a fan, Triangle Stone Separator helps eliminating dust from the raw material.

**Features and Advantages**

- Effective cleaning
- Vibration free operation
- Automatic control
- Durability
- Long lasting vibration absorbent rubber wedge

---

**Scope of Use**

Triangle Stone Separator is used for separation of similar size raw material and impurities which have heavier density than lentil, beans, quinoa, sesame, chickpeas and peas such as stone, clod, etc. Also, by the air suction head, powered by a fan, Triangle Stone Separator helps eliminating dust from the raw material.

**Features and Advantages**

- Effective cleaning
- Vibration free operation
- Automatic control
- Durability
- Long lasting vibration absorbent rubber wedge

---

**Scope of Use**

Triangle Stone Separator is used for separation of similar size raw material and impurities which have heavier density than lentil, beans, quinoa, sesame, chickpeas and peas such as stone, clod, etc. Also, by the air suction head, powered by a fan, Triangle Stone Separator helps eliminating dust from the raw material.

**Features and Advantages**

- Effective cleaning
- Vibration free operation
- Automatic control
- Durability
- Long lasting vibration absorbent rubber wedge

---

**Scope of Use**

Triangle Stone Separator is used for separation of similar size raw material and impurities which have heavier density than lentil, beans, quinoa, sesame, chickpeas and peas such as stone, clod, etc. Also, by the air suction head, powered by a fan, Triangle Stone Separator helps eliminating dust from the raw material.

**Features and Advantages**

- Effective cleaning
- Vibration free operation
- Automatic control
- Durability
- Long lasting vibration absorbent rubber wedge

---

**Scope of Use**

Triangle Stone Separator is used for separation of similar size raw material and impurities which have heavier density than lentil, beans, quinoa, sesame, chickpeas and peas such as stone, clod, etc. Also, by the air suction head, powered by a fan, Triangle Stone Separator helps eliminating dust from the raw material.

**Features and Advantages**

- Effective cleaning
- Vibration free operation
- Automatic control
- Durability
- Long lasting vibration absorbent rubber wedge
RADIAL TARAR

TARARE RADIALE | РАДИАЛЬНЫЙ ТАРАР | المنقى الهوائي الهراري
### SCOPE OF USE

It is used to eliminate light particles, foreign materials, and dust from cereals and seeds with maximum efficiency and minimum air consumption.

### FEATURES AND ADVANTAGES

- Low energy consumption and high efficiency
- Minimum and easy periodic maintenance
- Connection possibility to the central ventilation system
- Regular and uniform grain spreading by means of vibrating feeder
- Air flow with increasing and adjustable speed
- Easy and practical cleaning possibility
- Perfect cleaning and separation process due to precise adjustment
- Pre-decantation allow a better separation

#### Table: TMRT-60, TMRT-80, TMRT-100, TMRT-150

<table>
<thead>
<tr>
<th>MODEL</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>øE</th>
<th>øF</th>
<th>øG</th>
<th>Clean Air Outlet m³/min.</th>
<th>Capacity t/h</th>
<th>Motor kW</th>
<th>Weights kg</th>
<th>Gross Volume m³</th>
</tr>
</thead>
<tbody>
<tr>
<td>TMRT-60</td>
<td>1200</td>
<td>600</td>
<td>1220</td>
<td>2270</td>
<td>100</td>
<td>100</td>
<td></td>
<td>6-8</td>
<td>15-20</td>
<td>2,2</td>
<td>0,37</td>
<td>500</td>
</tr>
<tr>
<td>TMRT-80</td>
<td>800</td>
<td>800</td>
<td>1420</td>
<td>2270</td>
<td>100</td>
<td>100</td>
<td></td>
<td>8-12</td>
<td>20-30</td>
<td>3</td>
<td>0,55</td>
<td>550</td>
</tr>
<tr>
<td>TMRT-100</td>
<td>1000</td>
<td>1000</td>
<td>1620</td>
<td>2270</td>
<td>120</td>
<td>120</td>
<td></td>
<td>12-15</td>
<td>30-50</td>
<td>4</td>
<td>0,75</td>
<td>600</td>
</tr>
<tr>
<td>TMRT-150</td>
<td>1500</td>
<td>1500</td>
<td>2480</td>
<td>2270</td>
<td>150</td>
<td>150</td>
<td></td>
<td>15-20</td>
<td>50-75</td>
<td>2x2,2</td>
<td>0,18</td>
<td>900</td>
</tr>
</tbody>
</table>

#### Diagrams

- Diagram A: TEKNİK ÖZELLİKLER
- Diagram B: DIMENSIONS mm.
- Diagram C: TECHNICAL FEATURES

- Diagram D: Hava Çıkışı

- Diagram E: E.M. V.M.

- Diagram F: Ambalaj Hacmi

- Diagram G: Ağırlık

- Diagram H: Kapasite Motor
TREATING MACHINE

TRAITEUR DE SEMENCES | МАШИНА ХИМИЧЕСКОЙ ЛЕКАРСТВЕННОЙ ОБРАБОТКИ | مكينة إضافة الدواء
FEATURES AND ADVANTAGES

- Continuous and reliable operation
- Precise dosing of the liquid chemical
- Solid and rigid construction of the machine
- Equipment with one pump for the chemical
- Stainless steel for parts which are in touch with the chemical product
- Easy handling and adjustment of machine
- Fine spraying of chemical by use of the spraying disc, no blockage
- Totally closed construction

SCOPE OF USE

All stainless steel manufactured liquid applicators used for precision coating of crop insecticides, fungicides, micronutrients and inoculants to the highest quality standards.

TANIS treating machine has special mixer technologies included both liquid and dry treating and covered with mudding methods. By this methods product can be covered with desired chemical and treated.

The mixer, feeder, tank and pumps of TANIS treating machine is controlled by the top panel of the machine automatically. By this methods products can be desired amount of chemical and pesticide mixture can be supplied for product.

The machine has fully closed structure, which will not let chemicals out of the system; thus, enables safety during treatment process.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>DIMENSIONS mm.</th>
<th>TECHNICAL FEATURES</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>øA</td>
<td>B</td>
</tr>
<tr>
<td>TMIM</td>
<td>536</td>
<td>2618</td>
</tr>
<tr>
<td>TMIM</td>
<td>586</td>
<td>2618</td>
</tr>
</tbody>
</table>
DE-AWNER | ОСТЕОЛОМАТЕЛЬ | مكسر العون العظمي
FEATURES AND ADVANTAGES

- Simple operation
- Advanced safety features
- Quick and easy maintenance
- Advance raw material recycling
- Durability

SCOPE OF USE

At wheat processing plants, own of wheats are detached by de-awner with sensitively beating to enable germination. Moreover, significant proportion of offal to be products are gained to the system by granulating lumps and ears of grains.

**DIMENSIONS mm.**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>øE</th>
</tr>
</thead>
<tbody>
<tr>
<td>TMKK-55</td>
<td>1450</td>
<td>755</td>
<td>600</td>
<td>510</td>
<td>120</td>
</tr>
<tr>
<td>TMKK-110</td>
<td>835</td>
<td>650</td>
<td>460</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**TECHNICAL FEATURES**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>Capacity t/h</th>
<th>Motor kW</th>
<th>Weights kg</th>
<th>Gross Volume m³</th>
</tr>
</thead>
<tbody>
<tr>
<td>TMKK-55</td>
<td>5-7</td>
<td>5.5</td>
<td>400</td>
<td>450</td>
</tr>
<tr>
<td>TMKK-110</td>
<td>10-15</td>
<td>11</td>
<td>520</td>
<td>570</td>
</tr>
</tbody>
</table>

57
• ROTARY SEPARATOR •
FEATURES AND ADVANTAGES

- Suitable for any types of seeds, pulses, grains
- Low maintenance requirement
- Easily adjustable for different kind of seed processing
- High capacity with low power consumption
- Suitable for narrow gaps and small spaces

SCOPE OF USE

Rotary separators are used in seed processing plants to grade and calibrate the cleaned seeds by their sizes.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>$d$</th>
<th>Capacity t/h</th>
<th>Motor kW</th>
<th>Weights kg</th>
<th>Gross Volume m³</th>
</tr>
</thead>
<tbody>
<tr>
<td>TMRE-63/300</td>
<td>3600</td>
<td>1800</td>
<td>800</td>
<td>120</td>
<td>12, 2.5, 6, 7, 8, 1.5, 1, 2</td>
<td>5800</td>
<td>2x1.5, 520</td>
<td>650, 6.2</td>
</tr>
<tr>
<td>TMRE-80/300</td>
<td>2200</td>
<td>2000</td>
<td>1000</td>
<td>150</td>
<td>15, 6, 8, 9.5, 10, 2, 1.3, 2.5</td>
<td>8200</td>
<td>2x2.2, 660</td>
<td>830, 7.4</td>
</tr>
<tr>
<td>TMRE-85/300</td>
<td>2350</td>
<td>1200</td>
<td>150</td>
<td>18</td>
<td>18, 12, 10, 1.5, 1, 2.5, 1.6, 3</td>
<td>11000</td>
<td>2x3, 810</td>
<td>970, 7.9</td>
</tr>
</tbody>
</table>
CALIBRATING SIEVE

TAMIS CALIBREUSE | СОРТИРОВАЛЬНОЕ РЕШЕТО | منخل التصنيف
### FEATURES AND ADVANTAGES

- Light and durable operation
- Easily changable screens
- Steel perforated screens and spares

### SCOPE OF USE

Calibration screen is used to calibrate and classify any kinds of seeds and pulses after cleaning, depending on their length and size differences. Thus, allows the market advantage on the final product.

### TECHNICAL FEATURES

<table>
<thead>
<tr>
<th>MODEL</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>Screen Area</th>
<th>Capacity t/h</th>
<th>Motor kW</th>
<th>Weights kg</th>
<th>Gross Volume m³</th>
</tr>
</thead>
<tbody>
<tr>
<td>TMSE102</td>
<td>2820</td>
<td>1135</td>
<td>1180</td>
<td>1980</td>
<td>4</td>
<td>2</td>
<td>1.5</td>
<td>6.0</td>
<td>900 6.5</td>
</tr>
<tr>
<td>TMSE103</td>
<td>3280</td>
<td>1740</td>
<td>1680</td>
<td>2480</td>
<td>6</td>
<td>6</td>
<td>5.5</td>
<td>1.1</td>
<td>1350 13.6</td>
</tr>
<tr>
<td>TMSE104</td>
<td>3280</td>
<td>1740</td>
<td>2020</td>
<td>2820</td>
<td>9</td>
<td>9</td>
<td>8.5</td>
<td>2.2</td>
<td>1500 18.5</td>
</tr>
<tr>
<td>TMSE105</td>
<td>3280</td>
<td>1740</td>
<td>2480</td>
<td>3280</td>
<td>12</td>
<td>12</td>
<td>11</td>
<td>4</td>
<td>1700 26.8</td>
</tr>
</tbody>
</table>

- E.M: Eccentric
- V.M.: Vibratory
- Net: Empty
- Gross: Full

**Screen frames**

**Calibration screens**

**Sieve cleaning ball housing**
PLANSIFTER

PLANSICHTER | КВАДРАТНЫЙ РАССЕВ | منخل الغطس
SCOPE OF USE

The plansifter is a machine that plays a very important role in the process of flour production. As well as its importance in milling industry, due to our needs in different seed and grains applications, it's used on different granular product cleaning and processing by modifying the machine.

FEATURES AND ADVANTAGES

- Easy to change sieves and make checking easy and simple
- The centrifugal force can be adjusted by setting the weights and this will allow larger or smaller orbicular movement
- They are used in plants with large sieving capacities
- The Sifter size will vary according to the capacity required. It is always possible to get better classification of products and maintain large capacities by making use of different sieve configurations
- High sifting capacity can be obtained by using different frame heights and intermediate frames (spacers). In this way, below and above sifting paths can be adjusted.
- Each sifting cabin can accommodate up to 28 sifters
- Easy cleaning and maintenance

Motor Cover
Inlet
Screens
Hanging Side
• VERTICAL PEELING MACHINE •

DÉCORTIQUEUSE VERTICALE | ВЕРТИКАЛЬНАЯ ШЕЛУШИЛЬНАЯ МАШИНА (ЧЕЧЕВИЦА-БУЛГУР- ЯЧМЕНЬ) | قشارة عمودية (العدس للبرغل للشعير)
FEATURES AND ADVANTAGES

- Maximum extraction
- Operational for different products with adjustability
- Solid structure, long working life
- Noiseless peeling operation
- Minimum maintenance requirement
- Minimum product loss
- Adjustable motor speed with inverter
- Interchangeable peeling stone/net
- Esthetic design, easy operation

SCOPE OF USE

It is used in pulses processing plants to remove the husk/shell of the product from the seed.
SPLITTING MACHINE

MACHINE DE SCISSON INCLINÉ | ГОРИЗОНТАЛЬНЫЙ РАСКАЛЫВАТЕЛЬНАЯ МАШИНА | ماكينة إحالة أفقيّة
SCOPE OF USE
Splitting Machine is used to remove the outer skin and/or splitting of the seeds and pulses which has splitting characteristics by friction between two rotary stones.

FEATURES AND ADVANTAGES
- High extraction
- Easy stone replacement
- Noiseless operation
- Adjustable motor speed
- Minimum broken and loss percentage
- Easy stone fluting
- Motor cover, maximum safety, complete housing

<table>
<thead>
<tr>
<th>MODEL</th>
<th>DIMENSIONS mm.</th>
<th>TECHNICAL FEATURE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>A</td>
<td>B</td>
</tr>
<tr>
<td>TYCM</td>
<td>1850</td>
<td>1250</td>
</tr>
<tr>
<td>TYCM</td>
<td>1800</td>
<td>1250</td>
</tr>
</tbody>
</table>
AUTOMATIC GRAIN PACKING MACHINE

MACHINE AUTOMATIQUE D'ENSACHEUSE

АВТОМАТИЧЕСКАЯ ФАСОВОЧНАЯ МАШИНА ЗЕРНА

ماكينة تعبلة الحبوب الآلية
SCOPE OF USE

Automatic Grain Packing Machine is used for packing grains, pulses, kernels in to 10-25-50 kg bags automatically by its PLC control system and automatic filling system.

FEATURES AND ADVANTAGES

- Weigher hoper suspended on electronic load cells with electropneumatic double flap discharge doors
- Bag clamp with pneumatic operator
- Accuracies of +/- 50 gr on 50 kg bags
- Suitable for bagging of materials in open mouth bags
- Programmable set values with 10 gr intervals
- Separately programmable high and low tolerance values
- Level control in the regulation bin
- Display of total number of bagged and total weighed materials
- Alarm function for the faults
- Easily accessible doors for inspection and service
- Electronic control unit with specially designed PLC control
- One or two regulation system for customer needs
- Accurate and quick weighing with load cells
- Programmable desired number of bags
- 12-20 ton/hour bagging capacity depending on the product
TANIS AUXILIARY EQUIPMENT

You can contact us for any auxiliary equipment and spare parts, for industrial type grain processing, flour milling, feed milling plants and the grain handling equipment.
**SCREW CONVEYOR**

Vis sans fin  
Шнек винтовой конвейер

**SCOPE OF USE**

It is used to convey the granular and ground product horizontally for collecting, distributing, mixing and tempering processes.

---

**PIPE AND BOX MAGNET**

Aimant à tuyau et aimant de type boîte  
Трубчатый магнитный сепаратор

**SCOPE OF USE**

Generally it is used on the grain processing and stocking plants to separate metals, such as screw, washer, pins, etc. mixed inside the product. Avoiding damages on the machines within the production flow.

---

**ALUMINIUM VALVE**

Алюминиевый перекидной клапан  
Броня давления

**SCOPE OF USE**

Direction valve is used to divert the flow of the product any desired direction, by pass, by flow operations on any grain, food processing plants flow system.

---

**AIRLOCK**

Eclus a air  
Шлюзовой затвор

**SCOPE OF USE**

It is used for pneumatic transportation of powdered materials, such as flour, starch etc. to prevent air loss within pneumatic transportation systems.

---

**DUST ASPIRATOR**

Aspirateur de poussière  
Асператор пыли

**SCOPE OF USE**

A low pressure fan is used for the aspiration of different machinery groups in seed processing plants where necessary. Also used for the aspiration of purifiers.
**PENDULUM ELEVATOR**

**SCOPE OF USE**
Z Bucket Elevator is begin used to transport products vertically and horizontally from one or more feeding points. At food processing industry its more preferable for the vertical transportation of the grains and pulses which has breaking or splitting sensitivity.

**FEATURES AND ADVANTAGES**
- Prevent damages on grains and pulses
- Buckets, bolts and belt are included
- High efficiency with less power consumption
- Easy and minimum maintenance
- Durability and long lifetime
- Smooth operation
- Movement direction control switch for safety precaution

---

**CONVEYOR BELT**

**SCOPE OF USE**
It is used for horizontal transportation of sensitive bulk grains.

**FEATURES AND ADVANTAGES**
- Prevent damages on Product
- High efficiency
- Minimum maintenance
- Minimum space requirement
- Long life and durability

---

**PNEUMATIC VALVE**

**SCOPE OF USE**
It is used to discharge or interrupt the flow of free flowing granular products within desired section in a system.

**FEATURES AND ADVANTAGES**
- Easy installation
- No maintenance
- Connectivity with PLC systems
- Easy disassembly
- Leakage proof sliding system
COMPLETE TURN-KEY PROJECT & SOLUTIONS
10 TONS / HOUR CAPACITY SEED PLANT

<table>
<thead>
<tr>
<th>PLANT</th>
<th>CAPACITY</th>
<th>ELECTRIC CONSUMPTION</th>
<th>REQUIRED OPERATOR</th>
<th>BUILDING DIMENSIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>SEED CLEANING PLANT</td>
<td>10 T/H</td>
<td>105 kW</td>
<td>1 PERSON</td>
<td>36 x 15 x 8 m</td>
</tr>
</tbody>
</table>

Wheat

Rice paddy

Barley
5 - 7 TONS / HOUR CAPACITY OILSEED AND PULSES CLEANING PLANT

<table>
<thead>
<tr>
<th>PLANT</th>
<th>CAPACITY</th>
<th>ELECTRIC CONSUMPTION</th>
<th>REQUIRED OPERATOR</th>
<th>BUILDING DIMENSIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>OILSEED AND PULSES</td>
<td>5-7 T/H</td>
<td>110 kW</td>
<td>1 PERSON</td>
<td>30 x 10 x 8 m</td>
</tr>
</tbody>
</table>

- Sesame
- Corn
- Poppy Seed
- Quinoa
•60 TONS / DAY CAPACITY LENTIL PROCESSING PLANT•

PLANT | CAPACITY | ELECTRIC CONSUMPTION | REQUIRED OPERATOR | BUILDING DIMENSIONS
---|---|---|---|---
LENTIL PROCESSING PLANT | 60 T/H | 260 KW | 3 PERSON | 30 x 20 x 10 m

- Pea
- Adzuki Bean
- Kidney Bean
- Chickpea
- Soybean
- Mung Bean
- Leaf Lentils
- Green Lentils
- Kidney Bean
- Adzuki Bean
- Mung Bean
- Leaf Lentils
- Green Lentils
5-8 TONS / HOUR CAPACITY SESAME CLEANING PLANT

<table>
<thead>
<tr>
<th>PLANT</th>
<th>CAPACITY</th>
<th>ELECTRIC CONSUMPTION</th>
<th>REQUIRED OPERATOR</th>
<th>BUILDING DIMENSIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>SESAME CLEANING PLANT</td>
<td>5-8 T/H</td>
<td>110 KW</td>
<td>1 PERSON</td>
<td>30 x 10 x 8 m</td>
</tr>
</tbody>
</table>

Sesame
Brown Sesame
Black Sesame
## 8 TONS / HOUR CAPACITY FAVA PROCESSING PLANT

<table>
<thead>
<tr>
<th>PLANT</th>
<th>CAPACITY</th>
<th>ELECTRIC CONSUMPTION</th>
<th>REQUIRED OPERATOR</th>
<th>BUILDING DIMENSIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>FAVA PROCESSING PLANT</td>
<td>8 T/H</td>
<td>272 kW</td>
<td>1 PERSON</td>
<td>20 x 10 x 12 m</td>
</tr>
</tbody>
</table>

- **Broad Bean**
- **Broad Bean**
- **Lima Beans**
**TANIS MACHINE TECHNOLOGIES**

**TANIS AUXILIARY EQUIPMENT**

- Ovally perforated steel sheet
- Rounded holed steel sheet
- Indent perforated steel sheet
- Terso steel sheet
- Sheet for triangle hoses
- Rounded holed steel sheet
- Galvanized perforated metal sheet
- Screw bearing bush
- Rubber wedge
- Rubber wedge
- Rubber for sleeve pneumatic
- Separator wedge
BELT PUNCH

SCREW COMPRESSOR

PORTABLE SEWING MACHINE

FLOW PIPE

TOOLS FOR SISTER FRAME

FILTER

SPLITTING STONE

VERTICAL PEELING STONE

ELECTRIC EQUIPMENT

GRAVITY DECK

DRY STONER INLET & OUTLET

ELECTRIC MOTORS