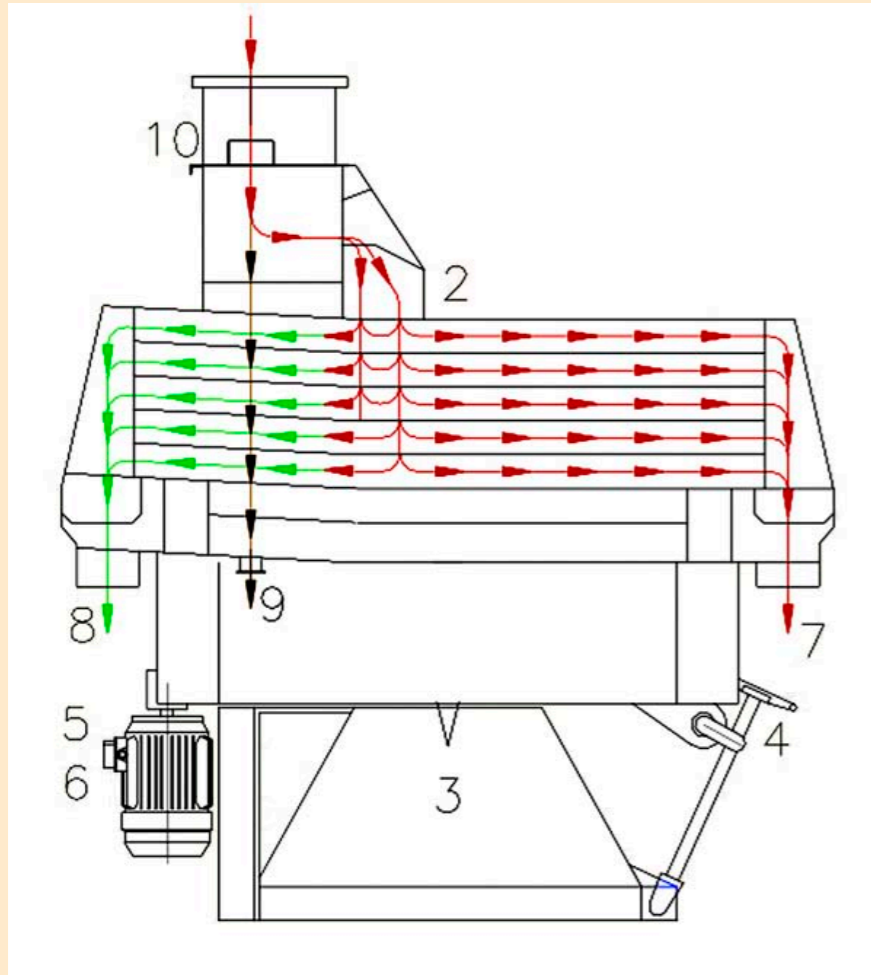


OPERATION



LEGEND

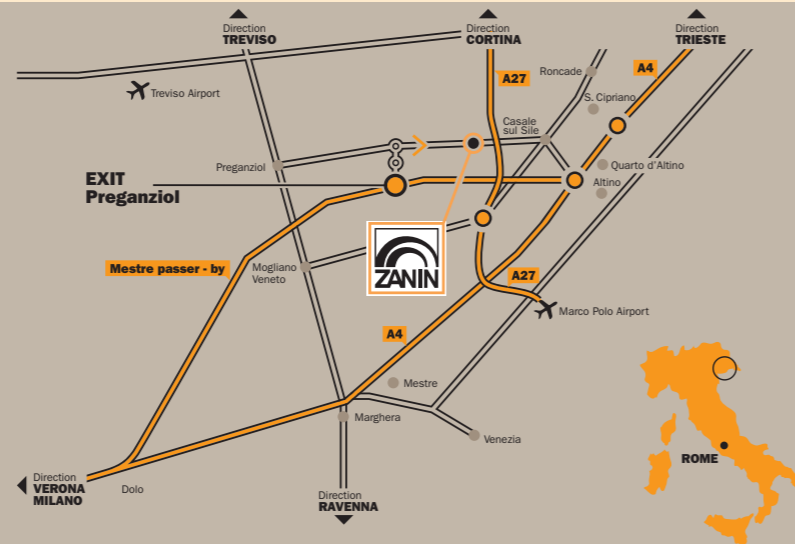
- 01) Feed
- 02) Processing channels
- 03) Base
- 04) Adjusting Tilt
- 05) Adjustment setting Stroke
- 06) Speed Adjustment
- 07) Good product
- 08) Waste product
- 09) Scrap supply
- 10) Dust Aspiration



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GRAVITY TABLE

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RESELLER

ZANIN15-06-15



Agro-Industry

GRAVITY TABLE

The gravity table is used in the separation of the grains uniform in structure and caliber, from grains of different density, or surface roughness. Examples are the separation of paddy rice from brown; or grains of barley, oats and rye from soft and durum wheat. The product is distributed evenly in the processing channels through a dedicated power supply; the combined action of the inclination and the speed of the table gives the grains a motion capable of performing a separation of the deviation upwards and downwards of the bodies more smooth and with a higher specific weight.

APPLICATION

The gravimetric sorting table is used in the following areas:

- **Seed treatment plants** for separating from the seed light grains, having a low specific gravity, low germinating power or having different roughness, such as sprouted or husked grains.
- **Rice mills** for separating unhulled grain from shelled rice.
- **Flour mills** for the separation of soft wheat, garlic, ergot from hard wheat.
- **Grain silos** for the separation of grain mixtures, barley and oats from wheat and germinal grains.
- **Malthouses** for the separation of stone barley from germinated barley and to remove floating barley and oat chaffs from brewers barley.

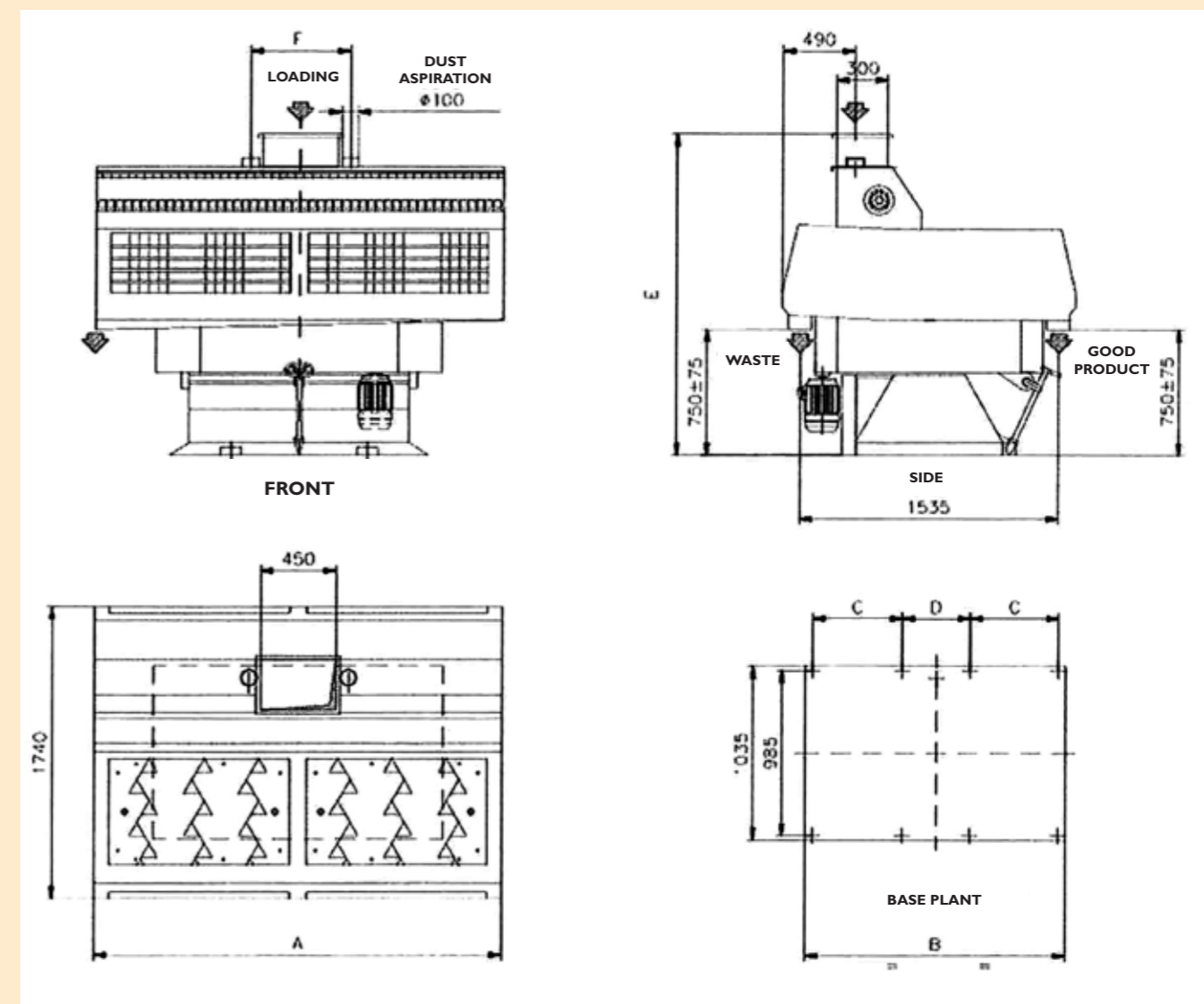


- **Oil producing plants** for removing stones and earth from soy beans and peanuts, husk particles from ground maize and broken kernels of almonds, apricots and peaches.
- **Food agricultural industries** for the separation of grains having specific weight, shape and roughness different from quality standards.

FEATURES

- **Feeding:** by means of a perforated sheet table, for the seed final selection.
- **Channels with processing compartments:** construction in AISI 304 for an higher wear resistance and placed on 5 decks for a higher capacity, reducing overall dimensions.
- **Table sloping adjustment:** during motion, through a mechanism placed on the base. In this way, the adjustment is simpler and more precise, without any interruption.
- **Construction:** with a sturdy electro-welded steel standardized base, for the fitting of the horizontal motor flywheel and the central pusher, operating on elastic bumpers and making the separation table slide in a balanced and silent way through Vulkolan wheels.
- **Output:** the simple adjustment of the table stroke and sloping and speed electronical variation achieve a steady adjustment, with an output increase and a very low scrap percentage.
- **Dust:** as the machine works without air, it is completely sealed and doesn't create dust dejection problems.
- **Installed power:** 0,5 kW/h for Ton. of processed product, wheat base, with reduction by almost 70% of the used power by comparison to standard separating tables.

SPECIFICS



| Model | Channels | Power | Weight | Volume | Size mm | | | | | |
|--------|----------|-------|--------|--------|---------|------|-----|-----|------|------|
| | | | | | A | B | C | D | E | F |
| TG 40 | 40 | 2,2 | 1300 | 6,6 | 1965 | 1550 | 530 | 400 | 1920 | 600 |
| TG 70 | 70 | 30 | 1970 | 9,1 | 2480 | 1550 | 540 | 550 | 2100 | 720 |
| TG 105 | 105 | 5,5 | 2250 | 13 | 3560 | 2150 | 600 | 800 | 2100 | 1000 |

Hourly capacity by channel

| Product Type | kg | Product Type | kg |
|--------------|---------|------------------|-------|
| Wheat | 110-130 | Round brown rice | 70-80 |
| Rye | 110-120 | Long brown rice | 60-70 |
| Barley | 90-100 | Dehusked barley | 70-80 |
| Paddy rice | 80-90 | Dehusked oats | 60-70 |
| Oats | 70-80 | Legumes | 60-70 |

N.B.: The company disclaims any responsibility for the accuracy of the data contained in this brochure and reserves the right to make any changes to its products as it considers necessary.