brovind®

SRL

ROTATIONAL SEPARATOR

MAIN CHARACTERISTICS AND ADVANTAGES

✓ Versatile: to accurately remove any foreign particles like stones, twigs, leaves, dust, cigarette butts…

✓ Two-stage separation of foreign particles (smaller and larger impurities)

✓ Continuous process

✓Compact, solid and reliable

✓High efficiency and low running costs

✓User friendly

✓Exchangeable sieving screens to adapt to different products and different process conditions

TECHNICAL FEATURES

- ✓ Construction in painted carbon steel
- ✓ Two-stage processing: separation of foreign particles smaller than the product and of foreign particles larger than the product
- ✓ Easy access for inspection and cleaning purposes
- ✓ Easy to demount and exchangeable wooden sifters

PERFECT FOR

***In-shell** dried nuts:*

- ✓Hazelnuts
- ✓Almonds
- ✓Peanuts
- ✓Pistachios
- ✓Cashew Nuts
- ✓…..

And seeds:

- ✓Pumpkin seeds
- ✓Sunflower seeds
- ✓…

DESCRIPTION AND WORKING

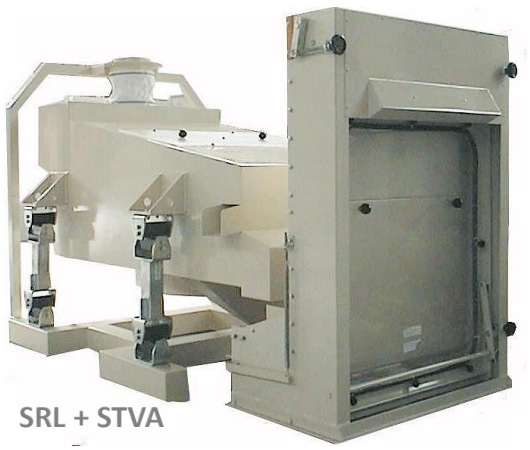
The <SRL> is a separator based on dimensional classification (basically: sieving). Thanks to double stage sieving, the <SRL> allows to remove foreign particles that are smaller than the product and also foreign particles having size larger than the product. Vibration enhances sieving efficiency.

The <SRL> consists of a metallic container, freely oscillating, linked to a fixed frame by flexible suspensions. Two easy to demount and exchangeable wooden sifters are mounted inside the machine body and operate the two stages separation: in the first stage, impurities having smaller size than the product are rejected, while over the second stage, foreign particles having size larger than the product are discarded. The two sifters are easily and quickly exchangeable to adapt the <SRL> to different products and under different process conditions in terms of impurities to be removed.

The <SRL> is commonly coupled with an air separator, placed downstream, which uses the difference of density in air, between the product and the foreign particles, to separate and remove the impurities which are lighter than the product (i.e. fakes, loose skins, leaves, dust, etc.). The air separator may be a vertical aspirator model Brovind <STVA/600F> or <STVA/800F> (the choice of the proper air separator depends on line specs, amount of impurities to be removed and requested output capacity, etc.)

TECHNICAL DATA	SRL 2000/1	SRL 2000/2
PROCESS CAPACITY*	2.000kg/h	4.000kg/h
POWER SUPPLY	3ph – 50Hz – 400V	
TOTAL INSTALLED ELECTRICAL POWER	1,75kW	1,75kW
DIMENSIONS (L x W x H)	2.400 x 1.000 x 1.600	2.400 x 1.400 x 1.600

Output capacity referred to in-shell hazelnuts. Production data may vary upon product and process conditions. Technical data may be subject to change without notice. Brovind reserves the right to apply any modification to improve aesthetics, efficiency and safety.



SRL + STVA

Brovind – GBV Impianti S.r.l. – Via Valle Bormida, 7 – Cortemilia (CN) Italy
www.brovind.com – tel +39.0173.82.06.11 – fax +39.0173.81.285