



SuperSort -
Bran sifter
DRAC.

BUHLER

SuperSort Solutions for separating tips to and husk from Rice Bran.

The most important by-product of rice whitening & polishing process is rice bran. In order to maximise its commercial and nutritional value, bran must be free of rice tips, broken rice and also husk. An efficient separation will not only ensure higher value of rice bran but also increase the value of rice tips.



Application

The SuperSort Bran sifter is designed exclusively for separating rice tips from rice bran. The Bran sifter separates tips and bran with high efficiency leading to higher recovery of fractions. The machine has lower operational speed and higher sieving area which results in gentle sieving action without further damaging the fractions. Low power consumption is further an added advantage.

- Efficient separation
- Food Safe Design
- Flexible design to meet changing market needs.
- Easy access for cleaning

Input to SuperSort DRAC

Bran from
Whitener &
Polisher



Rice tips (fine tips)



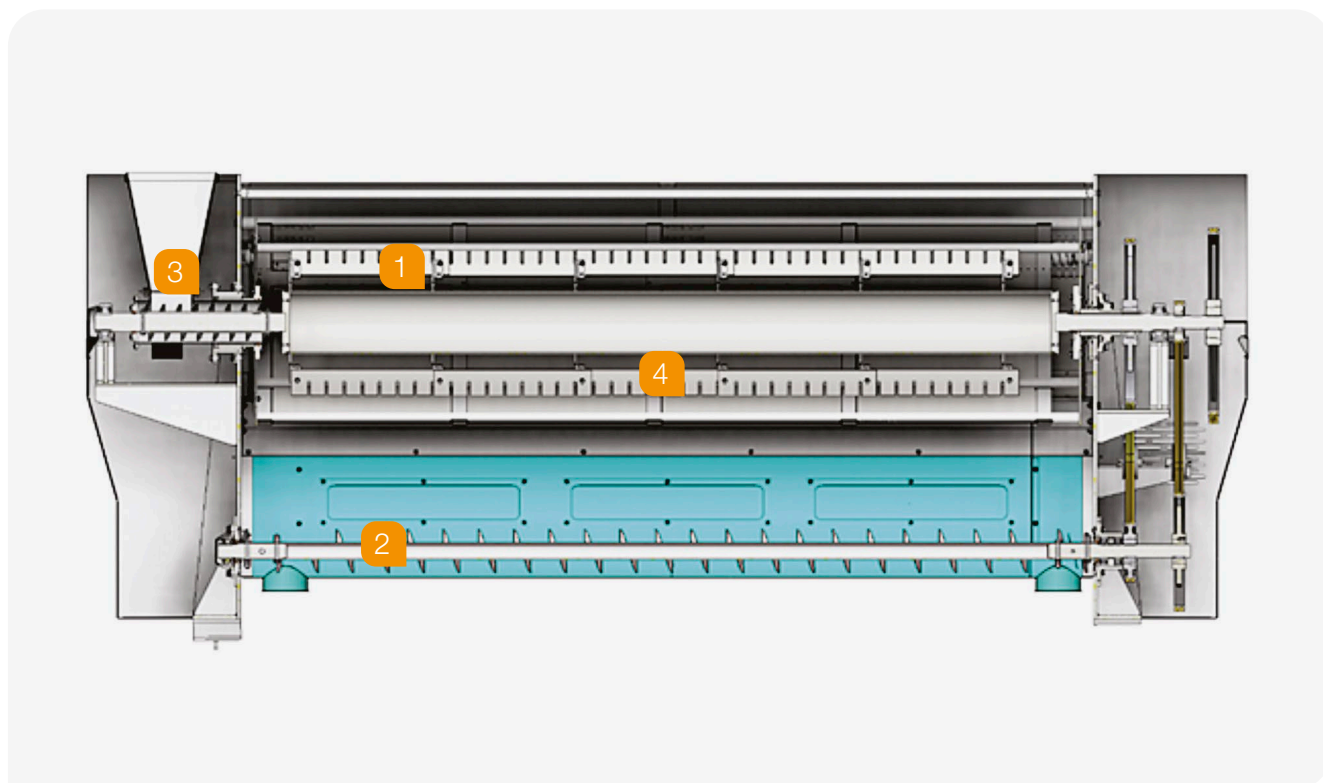
Rice Bran

Working Principle & Function

The Bran sifter DRAC is intended exclusively for separating rice bran and tips mixture. The rice bran mixture has to be free of stones and other foreign objects. The material (Rice bran mixture) is fed through the Inlet hopper. The material is collected by the feed screw inside Inlet hopper assembly and directed into the octagonal shaped Sieve drum / basket. In the

sieve drum it moves towards other side and leaves the machine at the end as a separated tip's (overs) and bran get collected via trough by influence of screw conveyor in bran outlet(s). Beater assembly inside the sieve drum aides in proper screening and movement of material inside the machine. The rotary brush(es) helps the sieve to be clog free.

SuperSort DRAC.



Food Safe Design

Hygienic design from top to bottom provides a cleaner process.

- 1. Durable Construction** - Heavy duty construction and high quality components ensure steady production.
- 2. Efficient Operation** - IE2 Efficient drive motors to make optimal use of energy.

3. Increased Access - Downtime for cleaning can eat into valuable production time. The SuperSort has been designed to shorten the cleaning cycle as much as possible.

4. Flexibility to meet market need various screen option to meet bran quality requirement as expected by bran oil extractor.



Durable construction



Efficient Operation



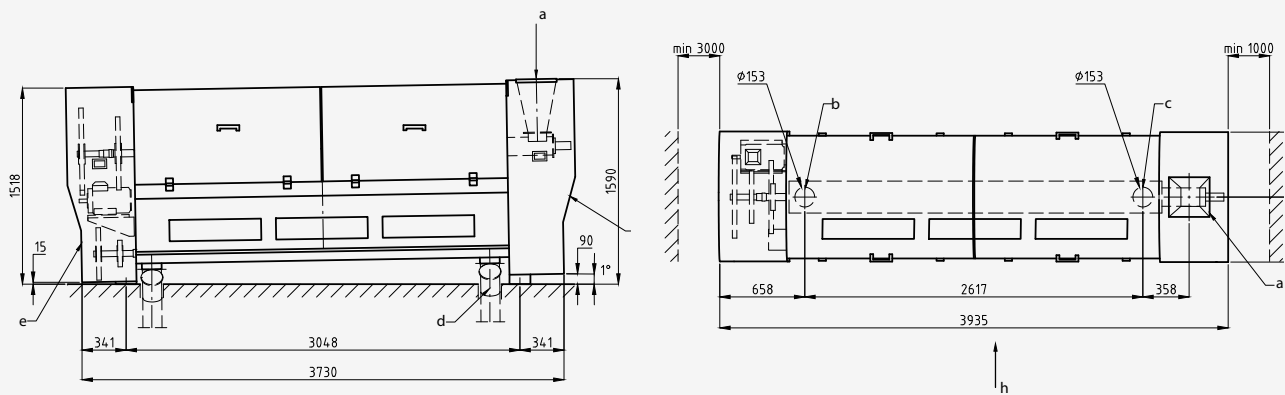
Increased Access



Flexibility

SuperSort DRAC Technical Data.

SuperSort DRAC



Dimensions, air and power requirements

Length (mm)	3930
Depth (mm)	1005
Height (mm)	1600
Weight (kg)	1410
Capacity	0.8 to 1.3 Tonnes/hr
Power (Drive Motor)	3.7kW, 4pole

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