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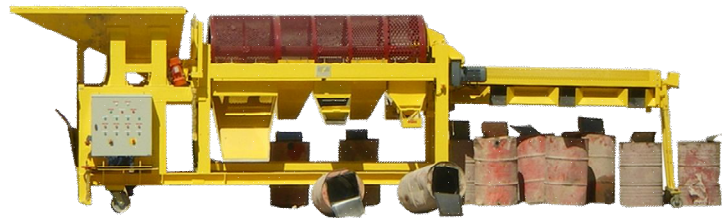
Grinding Balls Sorter

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NEWS

**27th March 2014,
Reims, France:**

**AVH Symposium,
meeting of French
Sugar Experts**

**26-29 August 2014,
Sertaozinho, SP-
Brazil :**

**THE GRINDING BALL SORTER ALLOWS THE AUTOMATIC SEPARATION OF BALLS, CYLPEBS,
DUST AND SCRAPS**

The technology using a rotary screen combined with two divergent rotating rollers gives a high precision and productivity

Advantages :

- 10 sorting classes adjustable to customer requirements
- Automatic elimination of dust and scrap
- Mobile and easy to tow allowing the use on several grinding units
- Efficient machine working on a continuous basis without manual action
- Precise separation
- Light and compact machine using retractable sorting rollers

Principle :

- Introduction of the material into a large hopper
- Gravity feed into a variable speed rotary screen
- The rotating screen is partitioned into 5 receiving spouts which eliminate dusts, steel scraps, sort small balls from 12 to 40 mm diameter grain size
- The large size balls (over 40 mm) are then automatically sorted in 6 different classes using 2 divergent rollers rotating in opposite direction and at different speeds
- At the same time, the remaining broken grinding balls are eliminated in a specific spout

Performances :

<p>11 output spouts :</p> <ol style="list-style-type: none"> 1. Dust, small steel scraps (35 x 12 mm) 2. Grinding balls 12 to 17 mm grain size 3. Grinding balls 18 to 25 mm 4. Grinding balls 26 to 30 mm 5. Grinding balls 31 to 40 mm 6. Grinding balls 41 to 50 mm 7. Grinding balls 51 to 60 mm 8. Grinding balls 61 to 70 mm 9. Grinding balls 71 to 80 mm 10. Grinding balls 81 to 90 mm 11. Grinding balls Over 91 mm 	<ul style="list-style-type: none"> -> High productivity: up to 10 tons per hour (depends on balls size) -> Easy to tow up to 5 km / hour -> Variable speed rotary screen to adjust sorting operations -> Pluggable spouts to be used as temporary storage during the bins change operations
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Specifications :

Height : 3000 mm
Length (operation) : 7720 mm
Length (transport) : 4720 mm
Width : 2480 mm
Weight : 4500 kg
Power supply : any from 380 to 600 V; 50-60 Hz
Installed power : 8 kW

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