

**CIMBRIA DS 1250 DRUM SCALPER**







## MAXIMIZE OUTPUT LIKE NEVER BEFORE

The Cimbia DS 1250 Drum Scalper combines innovative design, durable construction and unparalleled performance. This high capacity pre-cleaner processes materials accurately at capacities up to 15,000 bushels per hour, enabling operators to quickly and efficiently scalp out oversize materials as well as aspirate dust and fines.



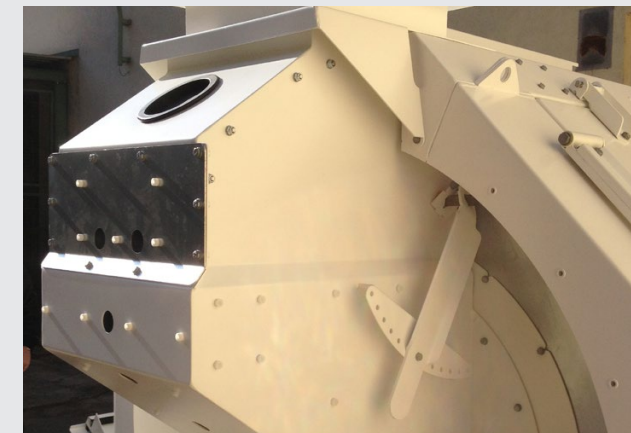
## SMART DESIGN FOR:

**Longer Life.** Utilizes a punched perforated metal design for tighter scalping and longer life. Removal of large impurities helps protect subsequent equipment from being damaged by foreign matter.

**Better Product.** Reduction of fines by the aspiration system reduces the associated risks and allows for cleaner and safer storage of products.

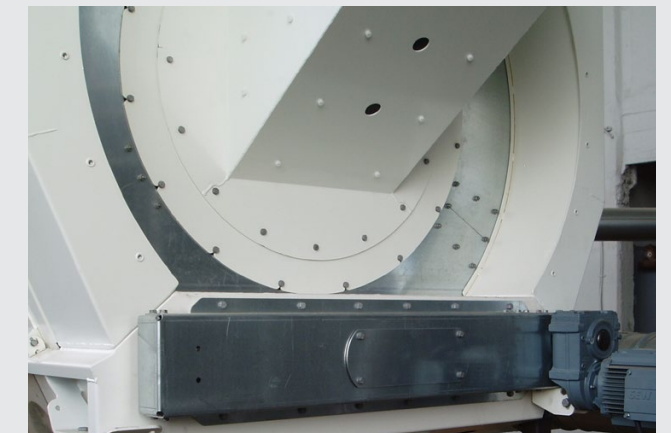
**Greater Reliability.** A rugged, industrial design and quick access to replaceable wear liners limits downtime making it an ideal high capacity drum scalper for 24/7 operations.

**Easy Installation.** Offers a small footprint with low floor loadings designed for existing facilities.



### Inlet

- Fitted baffle plate ensures material is guided into the drum screen at a low velocity.



### Drive System

- Industrial drive system with variable speed motor designed for 24/7 operation.



### Aspiration

- Integrated aspiration with velocity control for maximum removal of dust, chaff and fines.



### Coarse Impurity Separation

- Separates large trash such as stones, sticks, rocks and other foreign material.



## TYPES OF PRODUCTS:

- Maize
- Almonds
- Wheat
- Barley
- Green Coffee
- Soybeans
- Rice
- Edible
- Oats
- Industrial



### Rough cleaning based on following:

*Incoming product up to 10 % impurities (with moisture content as given below)*

Wheat, 15 % mc.	500t/h
Wheat, Barley, Maize 20 % mc.	400 t/h
Sorghum, Rape seed 20 % mc.	400 t/h
Sunflower seed, 14 % mc.	150 t/h
Soya Beans, Peas 20 % mc.	350 t/h
Paddy rice, Green coffee 20 % mc.	150 t/h
Maize, 35 % mc.	250 t/h

### Dimensions:

Machine height	2100 mm
Machine length	3500 mm
Machine width	2070 mm
Diameter screen	1250 mm
Screen area	7,8 m <sup>2</sup>
Inlet connection Q40	400 X 400 mm
Outlet connections Q40	400 X 400 mm

### Motor:

Drive for Drum	2,2 kW
Drum rotation	12 rpm

### Required Air volume to aspiration system:

External suction (60 mm WG)	5,000 m <sup>3</sup> /h
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### Total weight of the cleaner:

Freight volume	1750 kg
	15 m <sup>3</sup>

*The technical data can vary because of redevelopment of the machine or another combination of the machine.*

