

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.



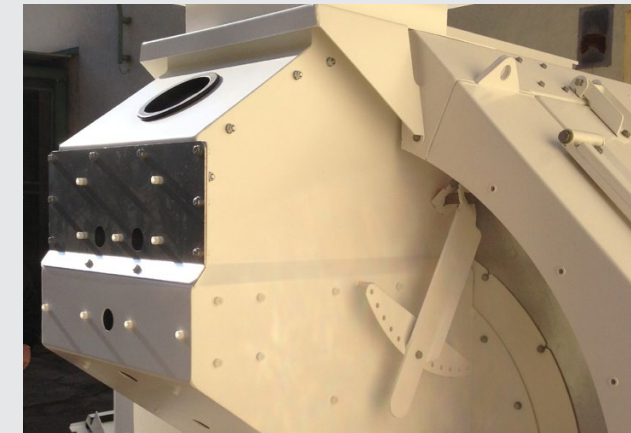
SMART DESIGN FOR:

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.

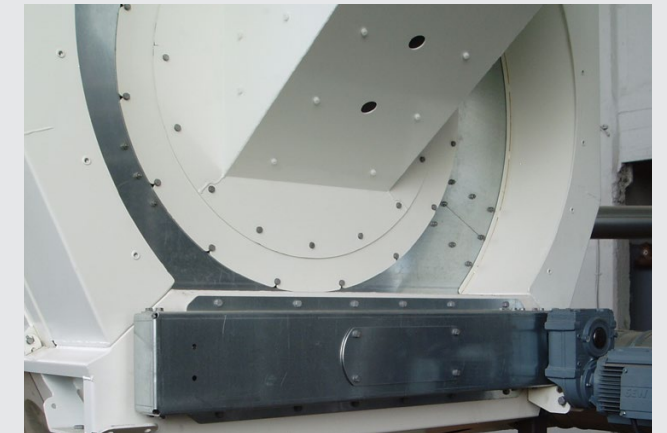
Greater Reliability. A rugged, industrial design and quick access to replaceable wear liners limits downtime making it an ideal high capacity drum scalper for 24/7 operations.

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 ²
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 ³ /h
-----------------------------	-------------------------

Total weight of the cleaner:

Freight volume	1750 kg
	15 m ³

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

