



PULP & PAPER

MAXIMUM YIELD AT ALL CAPACITY LEVELS

CS GYRATORY CHIP SCREEN

ANDRITZ CS gyratory chip screens are designed for an efficient chip screening with a maximum fiber yield at all capacity levels. The chip screen is suspended by four steel ropes. An electric drive with a single shaft and counter weights in the middle of the screen creates a freely vibrating horizontal circular motion.

Chips are fed through a wide infeed chute onto the upper screening deck. Oversized chips and slivers flow over the top deck to the rejects chute, which gathers them for further processing. The chips drop through the top deck to the middle and lower screening decks. These decks retain the accept fraction

which is fed to a discharge chute. Fines pass through all the decks and are collected at the bottom of the screen, which has a central discharge opening. The ANDRITZ CS gyratory chip screen is offered in four models, depending upon the throughput capacity desired.

ANDRITZ

ENGINEERED SUCCESS

Effective screening at high capacity

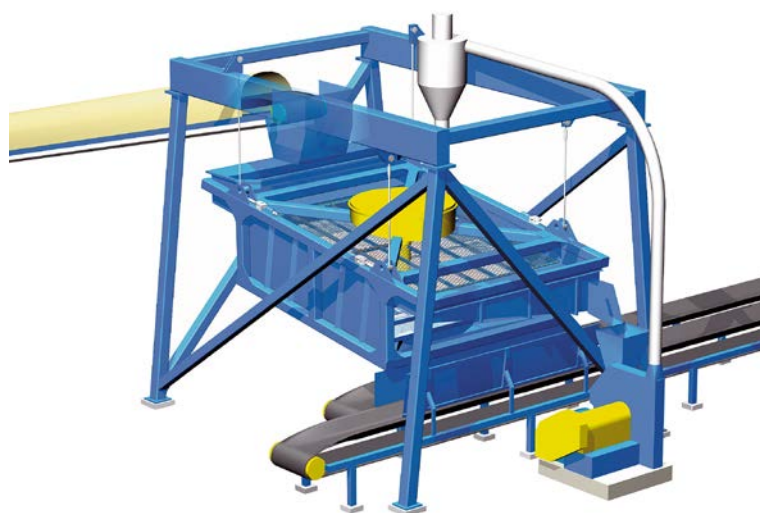
A standard screen comes with three screen decks made of mild steel. One- or two-deck options are also available. A fourth screen deck can be added when very efficient pin chip recovery is required. As an option, the screening decks can be manufactured from stainless steel for highly abrasive applications.

The screen can be equipped with a protective dust covering. It consists of an infeed and discharge chute, dust cover and a partial or complete cover for the top of the screen. Screen plate service takes place by opening the screen rear panels,

which will expose the entire interior of the screen. The two drive shaft bearings are furnished with internal

lubrication piping for automatic lubrication by a simple central lubricating unit.

Type	SCS 400	SCS 600	SCS 800	SCS 1000
Capacity (m ³ loose l/h)	300 - 500	450 - 700	650 - 900	900 - 1,000
Screening decks	2 - 3	2 - 4	2 - 4	2 - 4
Screening area/deck (m ²)	14	18	25	30
Electric motor (kW/rpm)	11/1,000	15/1,000	22/1,000	22/1,000
Weight w/o support (kg)	8,400	10,800	13,000	13,000



3D view of the ANDRITZ CS gyratory chip screen

BENEFITS

- Most reliable chip screen on the market
- High fiber yield and efficient fines removal
- Wide capacity range
- Proven and rugged design
- Easy maintenance

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