



PULP & PAPER

HQ-PRESS

MAXIMIZING THE ENERGY
BENEFIT OF BARK

An important component of any de-barking operation - the bark itself - is a major source of economic fuel for the boiler. The less moisture in the bark, the higher the heating value. Removing the moisture by mechanical pressing is still the most economical

technique. ANDRITZ has developed a bark press - the HQ-Press - which is a robust, reliable solution for bark handling in any woodyard or biomass handling operation. The HQ-Press presses bark to approximately 5%-units of higher dry solids content

than any competitive machine. This can increase the net green energy value of the bark by up to 15%. Unlike competitive units with enclosed structures, the HQ-Press has an open, simple design. The components are easily accessible for maintenance.

ANDRITZ

ENGINEERED SUCCESS

Economical and reliable method for removing moisture from bark

As a side benefit, the open design helps with housekeeping activities.

The design of the HQ-Press features a self-orienting drum with two-phase pressing to achieve the higher dryness. A specially designed drum drainage system prevents moisture from re-entering the bark after pressing. While conventional presses typically achieve an annual average of 40% dry solids,

the HQ-Press is able to deliver an annual average of 45% dry solids in normal operation. Advanced controls

on the unit maximize the output under a variety of operating conditions.

HQ-PRESS

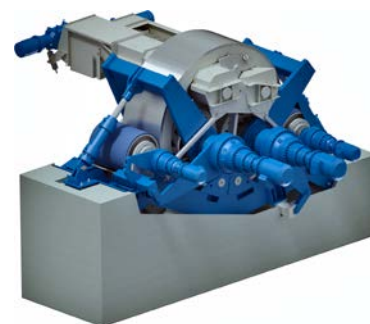
Width (mm)	4,250
Height (mm)	3,655
Length (mm)	6,870
Capacity (loose m ³ /h)	up to 120

BENEFITS

- Net green energy value increase
- High capacity
- Remote connectivity for IoT applications
- Flexible layouts for infeed and discharge
- High uptime and availability
- Screen drum life significantly longer than in existing solutions



The unique, two-stage pressing technique ensures efficient moisture removal while optimizing the capacity



HQ-Press 3D-model

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