



PANELBOARD

STEAM RECOVERY SYSTEM SRS

EFFICIENT REUSE OF BLOW LINE STEAM

The ANDRITZ Steam Recovery System SRS recovers surplus steam efficiently from the blow line in front of the gluing section and dryer. The recovered steam can be reused in the existing presteaming bin to heat up and condition the raw material in the system, which significantly reduces the amount of fresh steam required. A smart control system

ensures that the steam recovery system is operated safely and with optimized efficiency over the entire range of production capacities.

The ANDRITZ SRS is available for fiber production capacities up to 66 bdmt/h and more. It can also be retrofitted easily into existing systems. The controls and pipework are

designed for minimal interference with the standard front-end process and can be installed while the existing system is in operation. The SRS is suitable for any gluing method – blow-line or dry gluing – with no need to change the system. The location close to the refiner allows gluing of fibers after the steam has been removed from the blow line.

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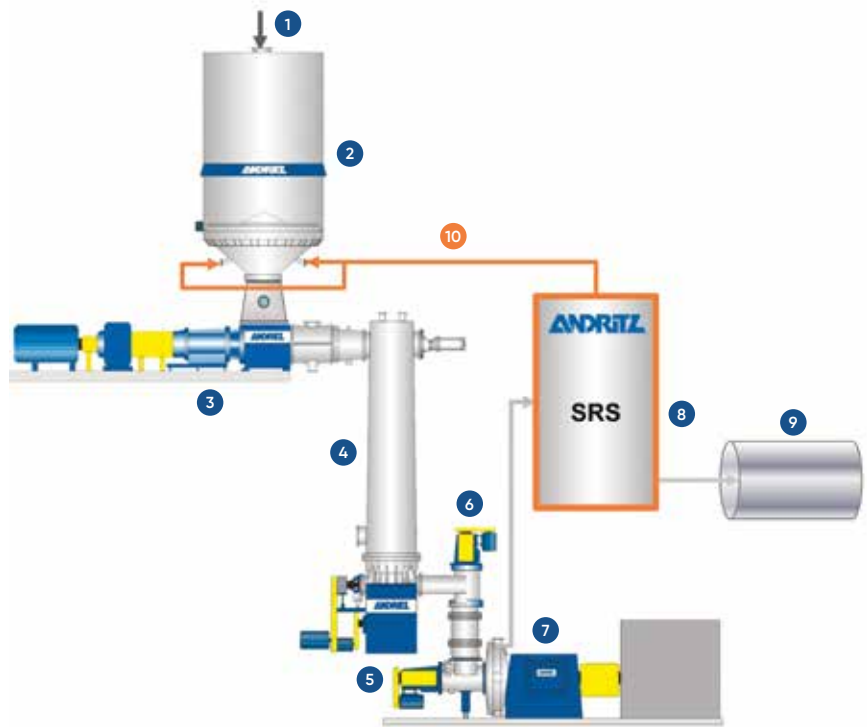
ENGINEERED SUCCESS

Major steam savings for greater thermal efficiency

STEAM RECOVERY PAYS OFF

One kilogram of recovered steam is sufficient to heat 5 kilograms of fresh chips from 20 °C to 95 °C. The Steam Recovery System SRS has no rotating parts so does not need any electric power for operation. It is a maintenance-free device and, therefore, a highly cost-efficient concept for greater thermal efficiency in panelboard plants.

ANDRITZ SRS – efficient recovery of surplus steam in the fiber preparation system



Typical set-up of the SRS system

YOUR BENEFITS

- Greater thermal efficiency
- Considerable process steam savings
- Smart process control system
- No additional power needed
- No impact on gluing efficiency
- Less fuel and boiler feed water needed
- Easy to retrofit

- 1 Feed of wood chips
- 2 Pre-steaming bin
- 3 Plug screw feeder
- 4 Vertical digester
- 5 Ribbon feeder
- 6 C-feeder
- 7 Steam-pressurized refiner
- 8 Steam Recovery System SRS
- 9 Dryer
- 10 Recovered steam

AUSTRIA

ANDRITZ AG
Graz and Vienna
p: +43 50805 0

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