Potato peeling lines
For higher peeling efficiency

www.andritz.com/gouda
Technically advanced methods
Environmentally friendly

ANDRITZ Gouda peeling lines set the standard worldwide for peeling efficiency, capacity, pay-back time, energy consumption, and environmental friendliness. The cost savings and higher peeling efficiency are due to the technically advanced methods applied in manufacture and operation of the Sepa Stator steam peeler and the Brush ’n Belt dry peel remover.

Sepa-Stator steam peeler
In the steam peeling process, the potatoes are exposed first of all to saturated steam in a closed vessel. Then the pressure is reduced very rapidly, causing the peel to detach explosively from the potato’s surface. The ANDRITZ Gouda steam peeler system guarantees that each individual potato receives absolutely identical steam treatment. In this way, the skin is removed efficiently with a minimum loss of usable material. The highly efficient condensate removal during peeling also adds to the peeling quality.

Brush ’n Belt dry peel remover
After the steam peeling process, the potatoes are transported to the Brush ’n Belt dry peel remover where the almost fully detached peel is removed by means of brushes without using water. Both the steam peeler and the Brush ’n Belt are products developed by ANDRITZ Gouda and protected by eight patents worldwide.
Peeling line
For French fries production

The Sepa Stator steam peeler with capacities between 12 and 40 t/h and the Brush ‘n Belt dry peel remover in combination with a post-washer constitute the basis of a peeling line for producing French fries. Together, these elements provide unparalleled peeling efficiency.

Process solutions
The ANDRITZ Gouda paddle dryer comes in a variety of sizes, ranging from 1.5 m² of heat transfer area to a mega processor with an interior of 300 m² and a water evaporation capacity of 6 t/h for sludge.

More than 220 ANDRITZ Gouda paddle dryers are in operation around the world, 30 of which are used for municipal sludge drying. Apart from the paddle dryer, ANDRITZ Gouda also provides complete process solutions – from the dump station for digested sludge to the loading station for the dried sludge, including sludge conveyors, wet sludge tanks, vapor handling system, sludge distributor, sludge cooler, pelletizer, and truck silo.

Benefits
- Extremely low product losses in peeling
- State-of-the-art energy solution
- Extremely low-volume waste streams
- Environmentally friendly
- Available in various sizes
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ANDRITZ Gouda has been implementing complete process solutions for the environmental, chemical, and food industries for over 100 years. As a machine manufacturer as well as process solutions expert, ANDRITZ Gouda is able to handle all of the stages involved in designing and building plants, including engineering, service, installation, and commissioning.

ANDRITZ Gouda, as part of the international ANDRITZ GROUP, has several pilot plants available to test new materials, generate design data, and provide representative product samples. The proven calculation model for scaling up to industrial size ensures successful application in full-scale processing.