

Murata Vortex

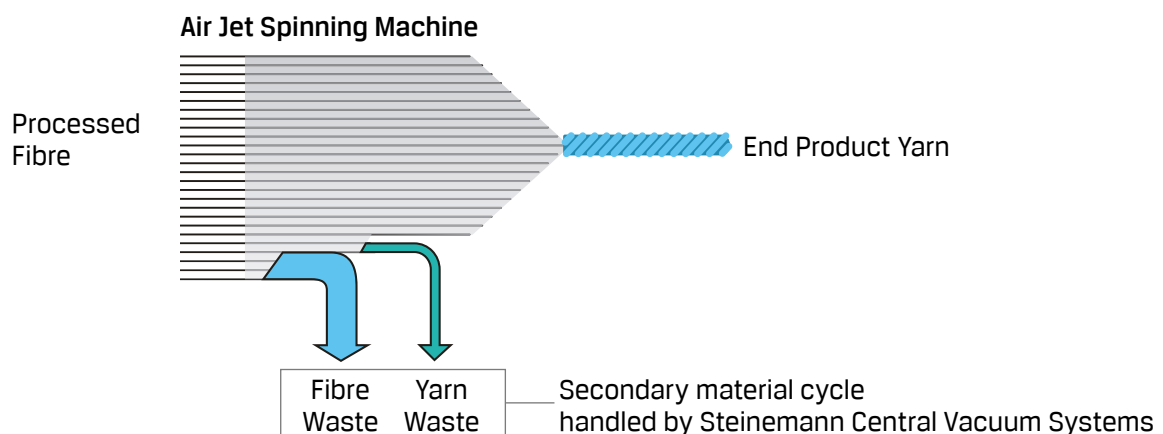


Rieter Air-Jet

Disposal Logistics for Air Jet Spinning

Facts

- Air Jet Spinning machines are extremely high productiv, using primary material for highest yarn quality, resulting in huge amounts of secondary material fibre and yarn waste.
- up to 10% from processed fibre goes to white waste chamber
- frequent emptying of waste chambers only guarantees best performance
- logistic challenge of secondary material flow: waste to be moved over long distances uncompacted in the mill to compactor
- huge in volume and weight → automatic disposal is essential





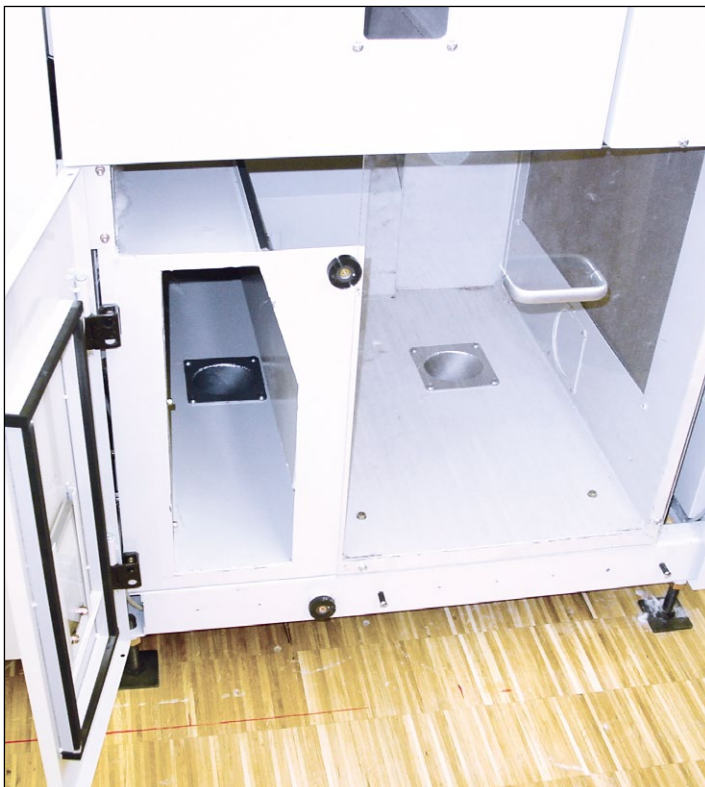
Disposal Logistics for Air Jet Spinning

Complete Solution with CVS

- ✓ fully automatic evacuation from both yarn – & white waste chamber can only be achieved by high vacuum CVS (Central Vacuum System)
- ✓ waste logistic problems solved
- ✓ all machines are prepared for automatic disposal by Steinemann CVS
- ✓ no negative influence on efficiency due to unreliable staff
- ✓ no labor involved for waste handling
- ✓ no containers / boxes / etc. for waste disposal handling in the mill (the waste is automatically transported over long distances to the right place)
- ✓ no fluff / fly / waste emitted into production area



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Situation without CVS



Disposal Logistics for Air Jet Spinning

Typical Example of Waste Quantities Basic Data (examples)

Material	Yarn count	Production	Waste amount	No. of Machines
Cotton	NE 30	35 kg/h each machine	8% of production	6 with 80 units each
				4 with 140 units each
Viscose	NE 30	60 kg/h each machine	3% of production	17 with 80 units each
				10 with 140 units each

Daily recyclable waste amount
for each example (beside):

approx. one 20' Container
= total 33 m³!



Reference Letter from our esteemed customer Lauffenmuehle Lauchringen (Germany)



Quote

"The efficiency / performance of the Air Jet Spinning Machine is not impaired by frequent manual emptying but guaranteed through the automatic disposal by CVS"

"The automatic disposal of the yarn- and trash waste chambers by Steinemann CVS has been proven to be an indispensable solution for the productive Air Jet Spinning Machine"

Unquote



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