



Hybrid technologies for sustainable production of textured and structured tissue

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Concept manager Textured Tissue

Market needs

Increased market for improved product **quality**

- **absorption/bulk** for towels
- **softness/bulk** for bath tissue






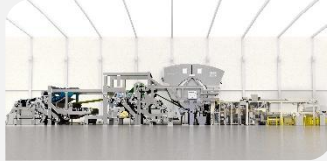

in combination with a **sustainable** process

- **low energy consumption**
- **fiber saving**

Valmet 

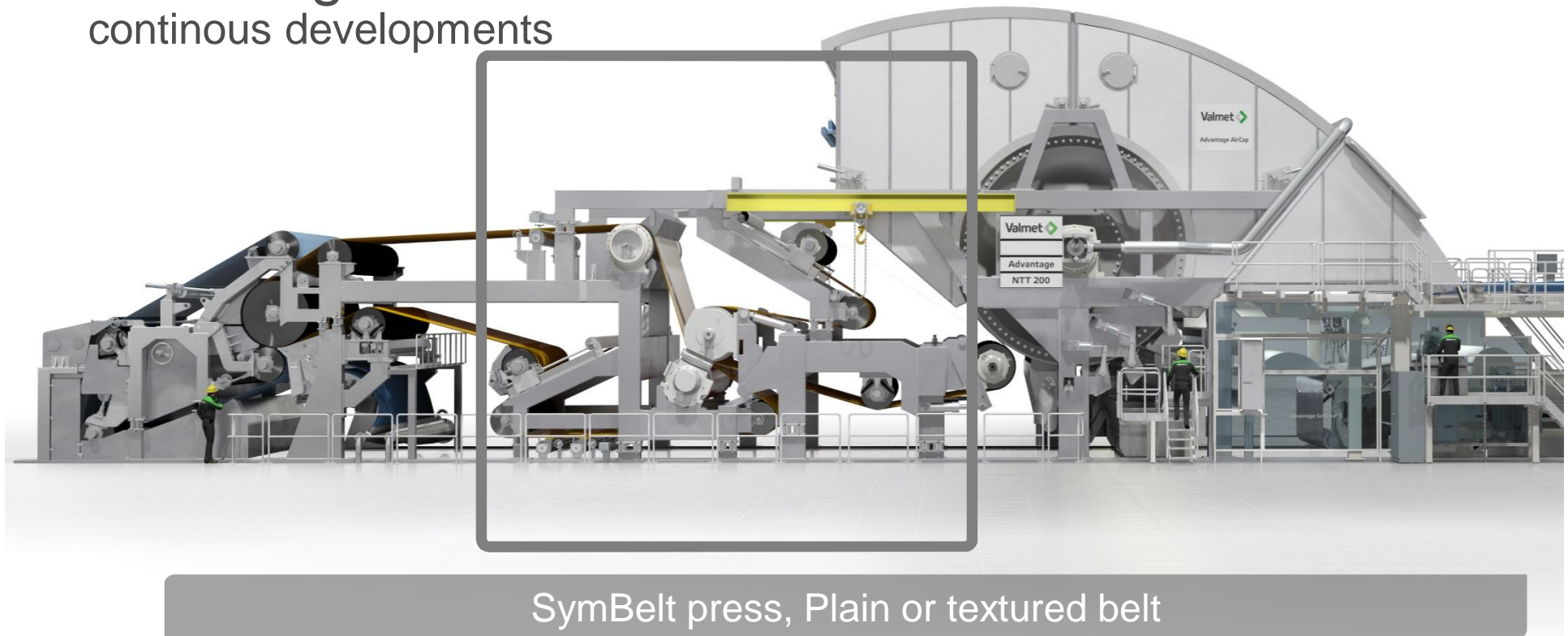
Our response



Hybrid				
				
Dry Crepe	Textured	Rush Transfer	Rush Transfer	Through Air Drying
Advantage DCT The most popular tissue machine in the world	Advantage NTT Premium quality with swing capabilities	Advantage QRT High premium quality with built-in flexibility	Advantage eTAD Ultra Premium quality with built-in flexibility	Advantage Thru-Air For the absolute best quality

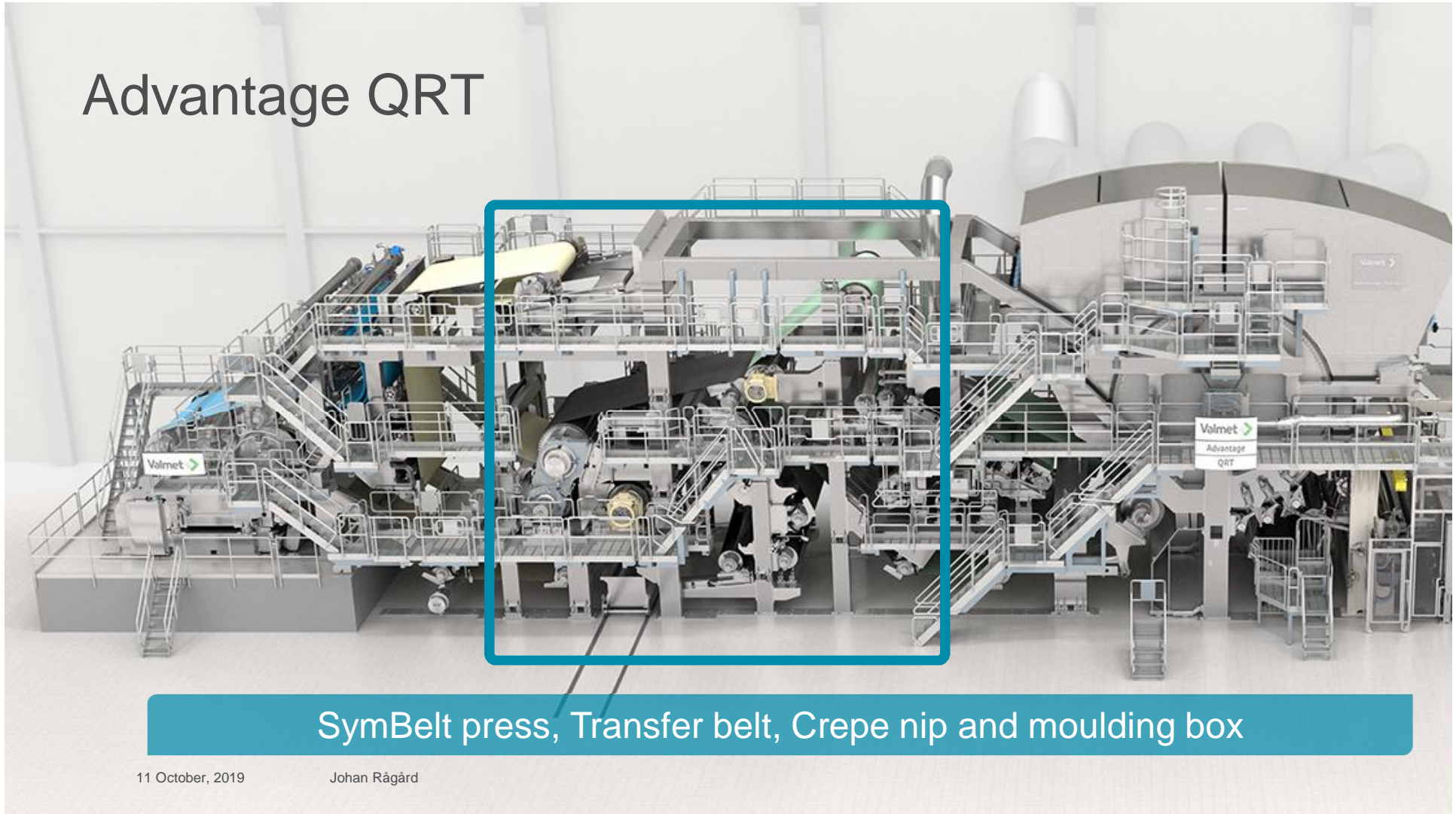
Advantage NTT

continous developments



SymBelt press, Plain or textured belt

Advantage QRT

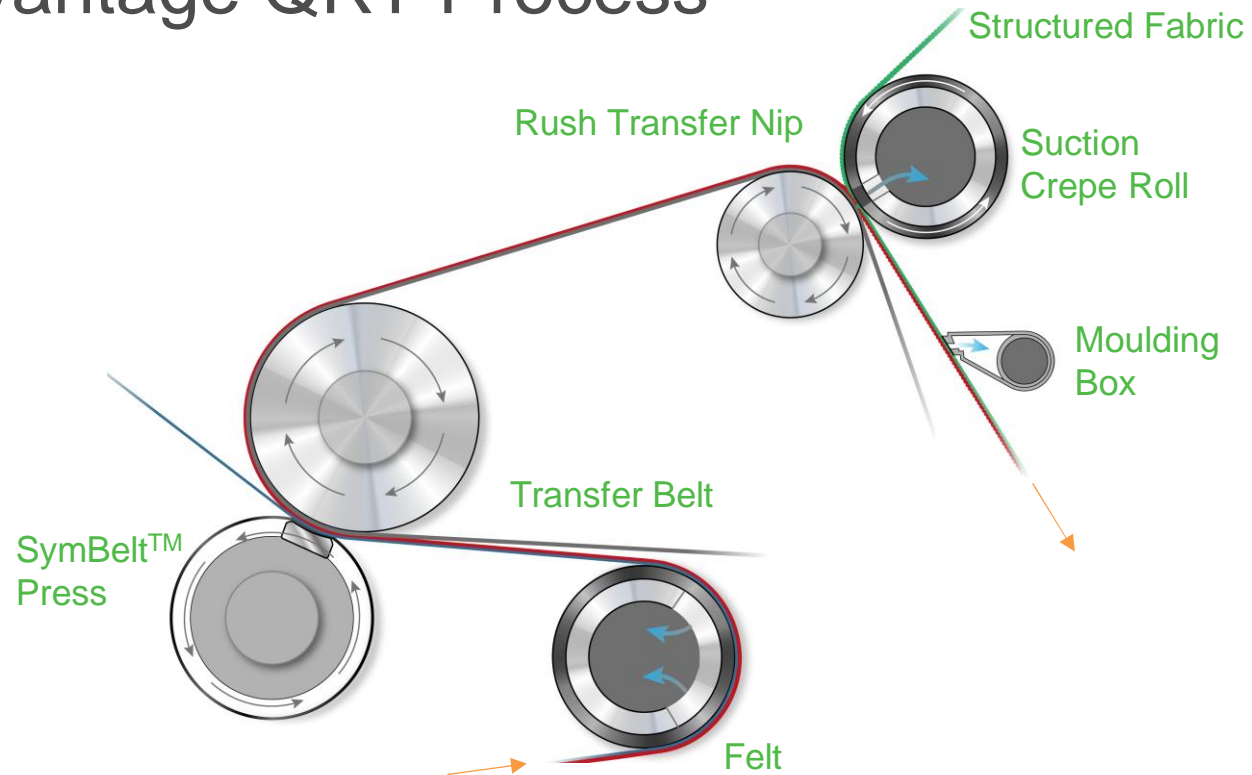


SymBelt press, Transfer belt, Crepe nip and moulding box

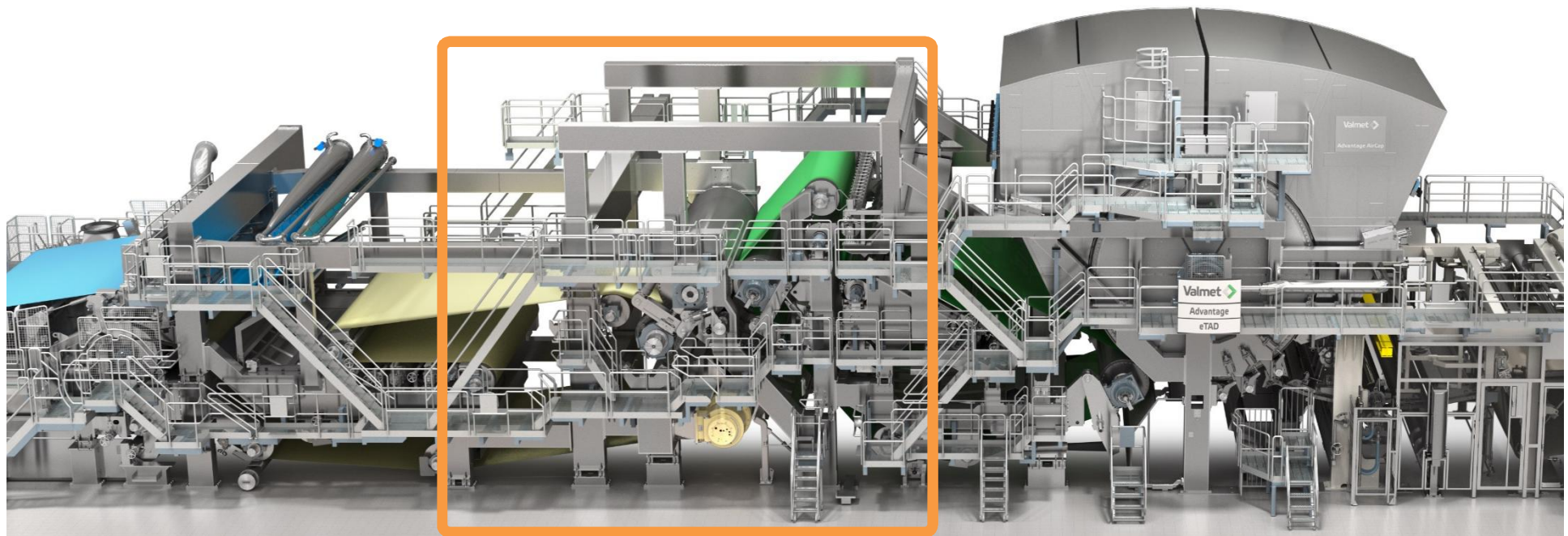
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Advantage QRT Process



Advantage eTAD

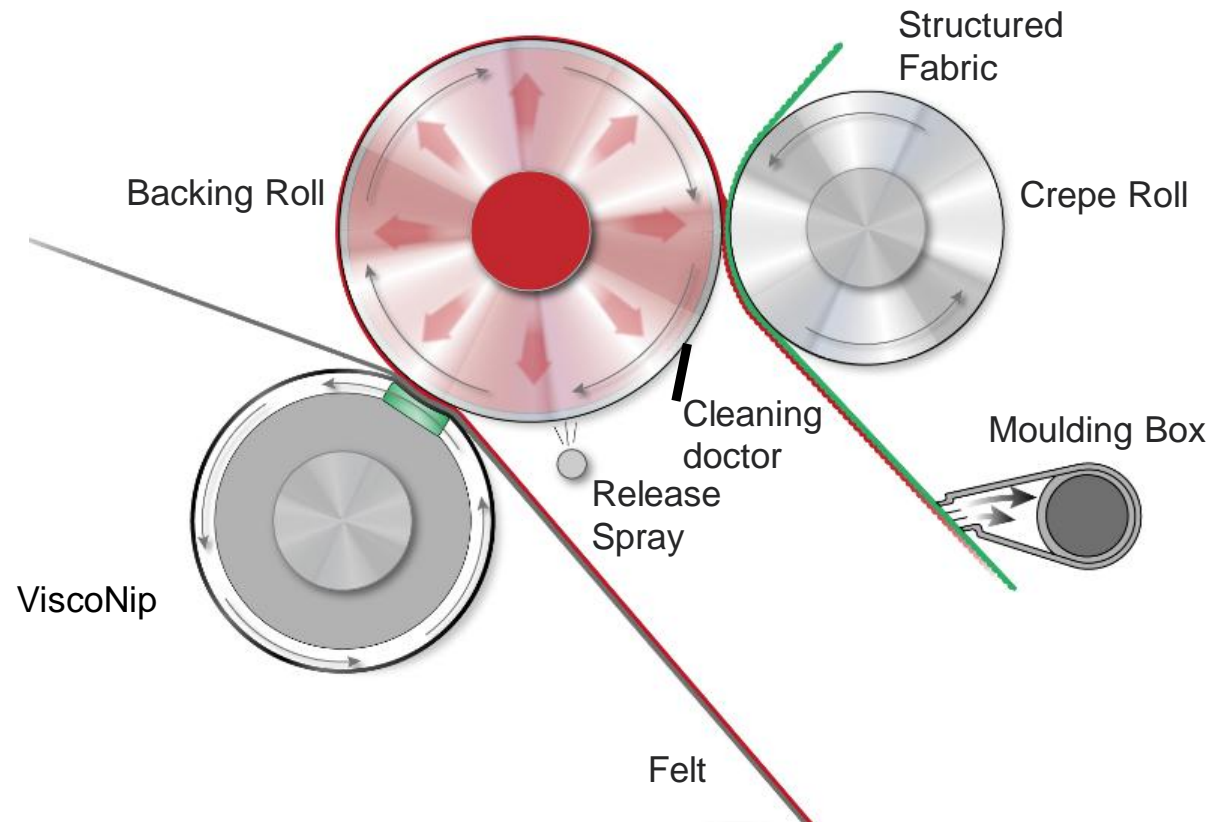


ViscoNip press, Backing roll, Crepe nip and moulding box

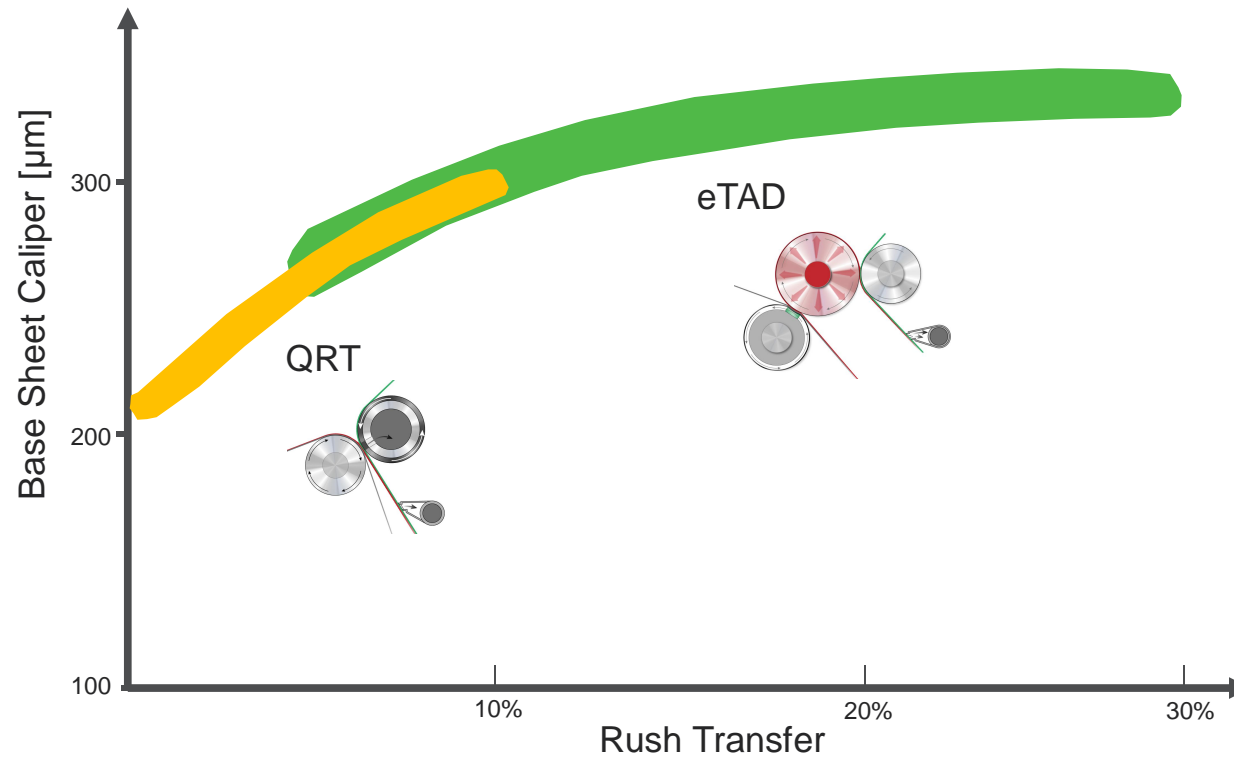
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Adantage eTAD Process



Base sheet caliper versus rush transfer range



Summary



Dry Crepe Tissue

Advantage DCT

- ✓ The most popular tissue machine in the world



Textured Tissue

Advantage NTT

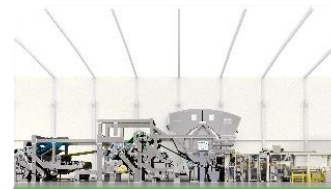
- ✓ Premium quality with swing capabilities



Rush Transfer

Advantage QRT

- ✓ High premium quality with built-in flexibility



Rush Transfer

Advantage eTAD

- ✓ Ultra Premium quality with built-in flexibility

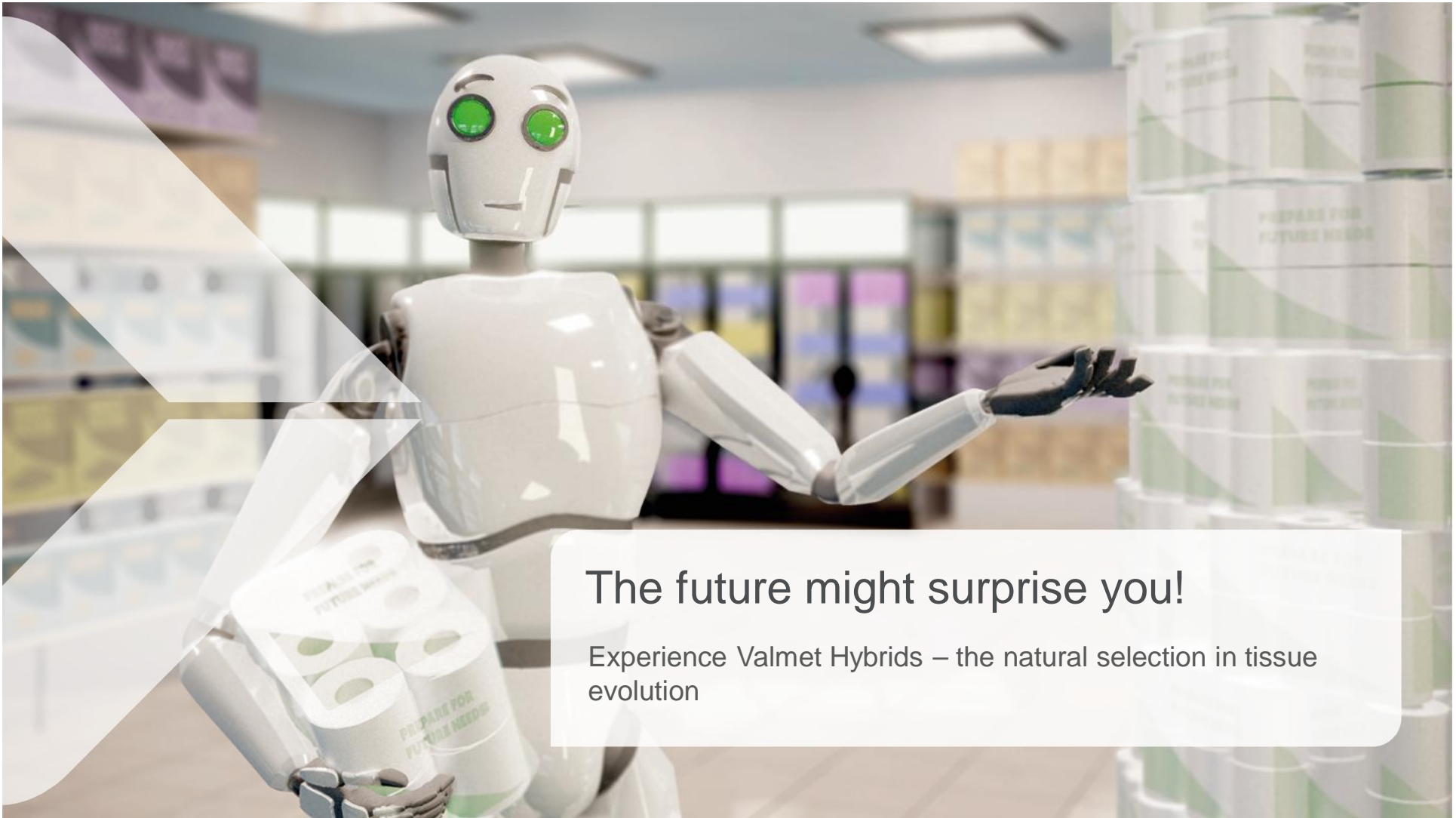


Through Air Drying

Advantage Thru-Air

- ✓ For the absolute best quality

Hybrid technologies



The future might surprise you!

Experience Valmet Hybrids – the natural selection in tissue evolution