

Tampere Rubber Products

6.8.2021 Niilo Hämylä

This is Valmet



Unique offering

- Market's widest offering combining process technologies, services and automation
- Research and development spend EUR 75 million in 2020



Market leadership

- Leading market position in all markets
- Pulp #1–2
- Energy #1–3
- Board #1
- Tissue #1
- Paper #1
- Services #1–2
- Automation #1–3



Strong global presence

- Approx. 100 service centers
 - 98 sales offices
 - 43 production units
 - 16 R&D centers
 - 14,000 professionals
- | | |
|---------------|-------|
| EMEA | 9,200 |
| China | 1,900 |
| North America | 1,500 |
| Asia-Pacific | 900 |
| South America | 500 |



Leader in sustainability

- Seven consecutive years in Dow Jones Sustainability Index
- Four consecutive years in Ethibel Sustainability Index Europe
- A- rating in CDP climate program 2020

Key figures in 2020

Orders received
EUR 3,653 million

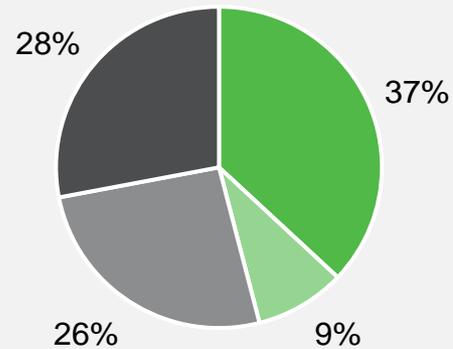
Net sales
EUR 3,740 million

Comparable EBITA
EUR 365 million

Comparable EBITA margin
9.8%

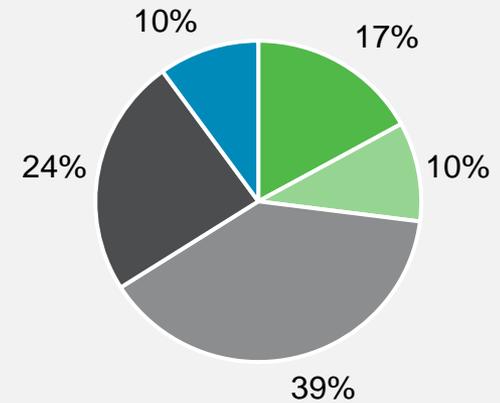
Employees (on Dec 31, 2020)
14,046

Orders received by business line



- Services
- Automation
- Pulp and Energy
- Paper

Orders received by area



- North America
- South America
- EMEA
- China
- Asia-Pacific

Services business units



Performance Parts

Spare parts and consumables



Rolls and Workshop Services

Rolls, roll covers and maintenance, workshop services



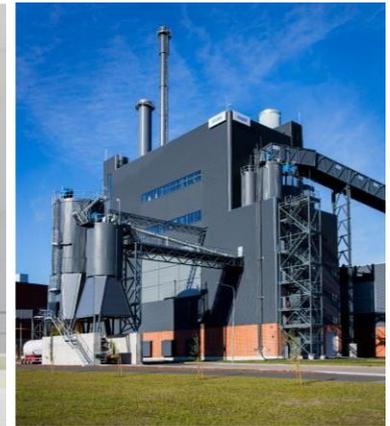
Fabrics

Paper machine clothing and filter fabrics



Board, Paper and Tissue Solutions

Improvement projects, field services, life cycle agreements, outsourcing



Pulp and Energy Solutions

Improvement projects, field services, life cycle agreements, outsourcing

SER/PER/PPP/GPU Rubber Products

- 1916 Suomen Hihnatehdas Oy
- 1941 Tammer-Tehtaat Oy
 - 1963 move to Kalkku
- 1969 Oy Nokia Ab
- 1985 Skega
- 1995 Camoplast Finntrack Oy
- 2010 Metso Oy
- 2014- Valmet Technologies Oy
 - 2017 move to Yrittäjänkatu

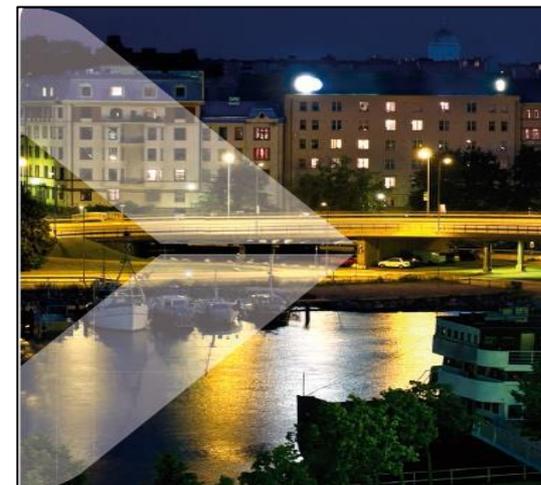


Valmet Rubber Products

5 blue collars
1 white collar
1 shift

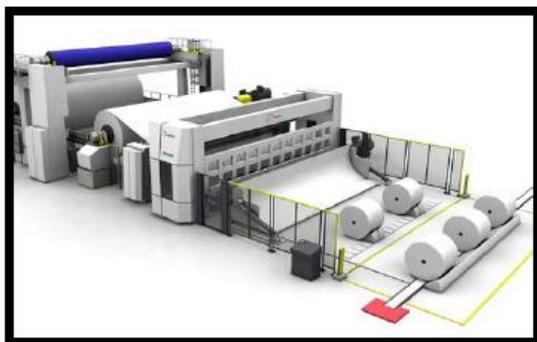
Safety
Quality
Flexibility
Reliability

Customers
Renewal
Excellence
People



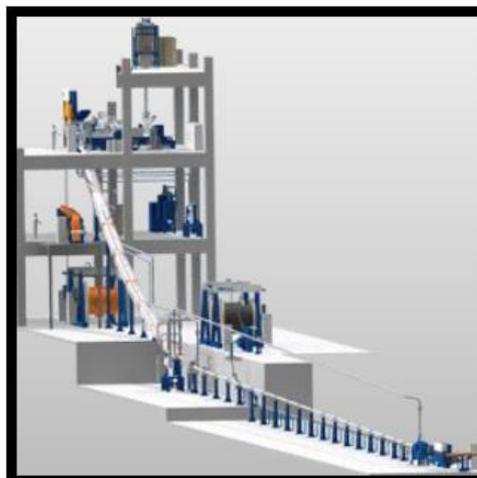
Main Product Lines

WinBelt -belts



- **Volume / year**
 - 2 700 rubber and PU-belts
- **Customers**
 - WinBelt –winders globally

VetoBelt -belts



- **Volume / year**
 - 300 belts
- **Customers**
 - Cable industry
 - Engineering offices

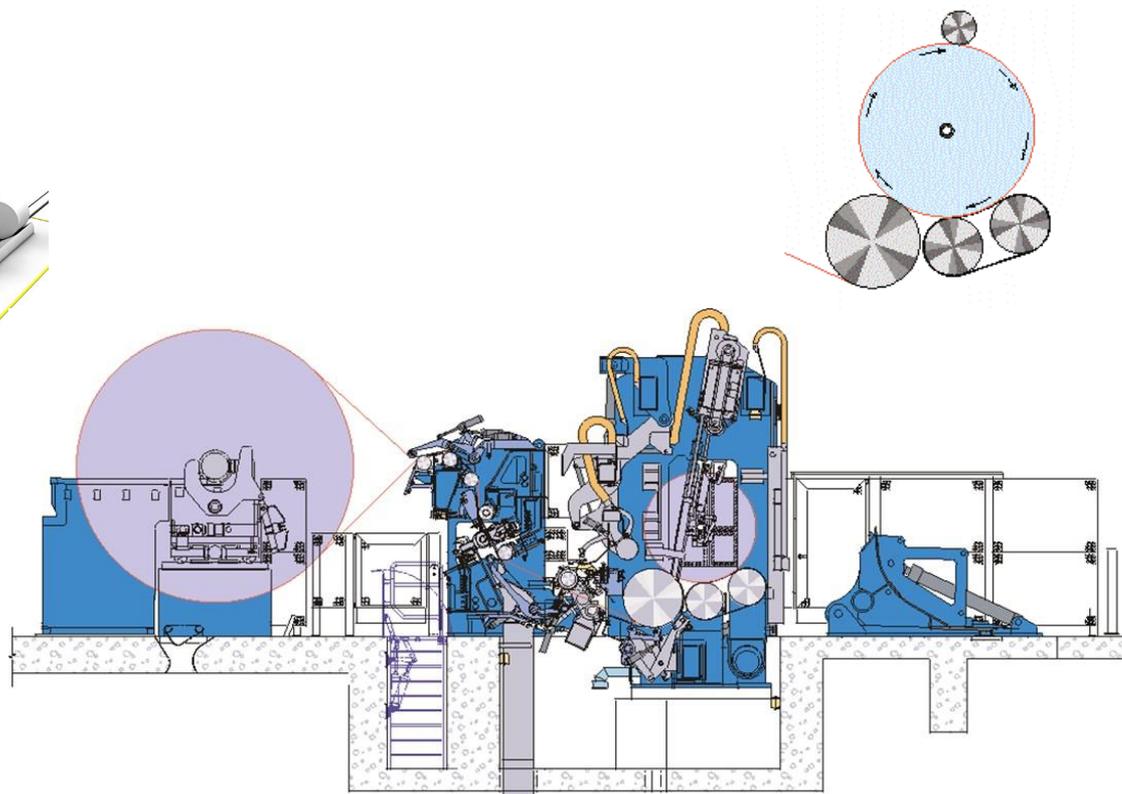
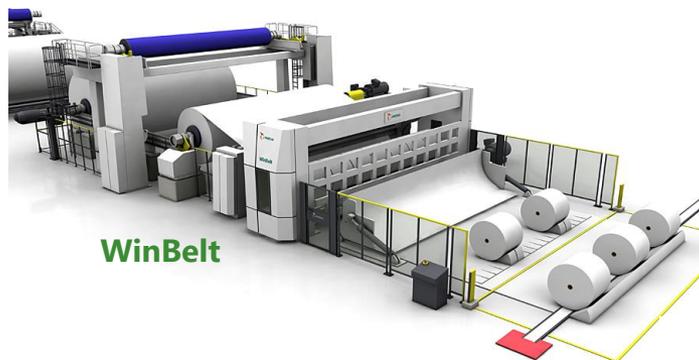
Sluice gate seals



- **Volume / year**
 - 1 000 m
- **Customers**
 - Electric companies
 - Power plants
 - Engineering offices

Basic idea of WinBelt -winder

- Winders cut even 10 meter wide parent reels to smaller customer reels which are made according to the requirements of eg. printing houses.



WinBelt –belt production



Seal and Vetobelts production



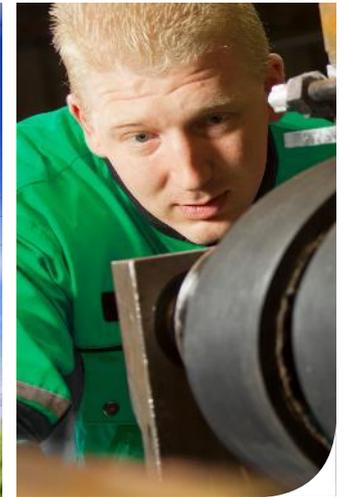
A nighttime photograph of a cityscape. In the foreground, a harbor is filled with several boats. A multi-lane highway bridge spans across the middle ground, illuminated by streetlights. In the background, several multi-story buildings are lit up, with their windows glowing. The sky is dark blue. A large, semi-transparent white geometric shape, resembling a stylized 'V' or a large arrow, is overlaid on the left side of the image.

Valmet Cable Pulling Belts

Maximum drive stability

Durable Valmet Belts for Cable Production

- Solutions for various cable and machine types
- Deliveries since the 1970s – started as part of Nokia Rubber Industry
- Business from Camoplast Inc. to Valmet in 2010
- Manufacturing facility in Tampere, Finland



Customized Valmet Cable Pulling Belts

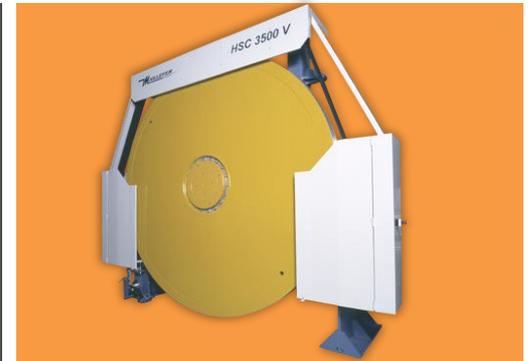
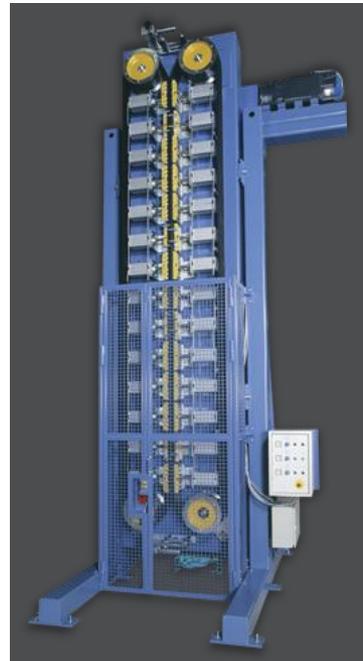
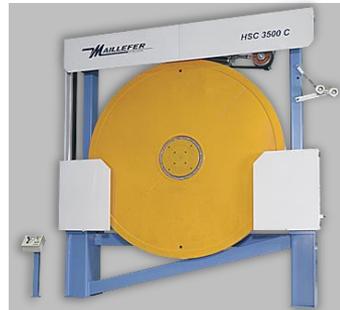
- Endless rubber belts with multilayer construction – delivered according to customer request
- Base material: NR or SBR rubber
- Heat resistance: Up to +120°C
- Length: Up to 16 m
- Width: Up to 250 mm
- Thickness: 8–25 mm
- Reinforcement layer options: Rayon cord / aramid cord / polyester fabric



Valmet Cable Pulling Belts

for heavy-duty production

- For caterpillar and capstan machines
- Reliable in demanding, yet highly sensitive conditions
- Customers: cable machine suppliers and operators



Technically Reliable Valmet Cable Pulling Belts

No seams,
ground surface



Extreme
durability



Customized
types and sizes



Accurate
tolerances,
stable quality



Optimum
friction,
wear and heat
resistance



Valmet cable pulling belts

Benefits in operation

- Risk-free:
durable at maximum operating conditions
- Production efficiency:
good wear resistance, long belt change intervals
- Operational reliability for years to come



Valmet Cable Pulling Belt Types

Soft VetoBelt 50 RSB

- Designed for: Caterpillar machines
- Hardness: 50 ShA
- Abrasion resistance: 160 mm³
- Heat resistance: +80°C
- Reinforcement material: Rayon cord



Valmet Cable Pulling Belt Types

Medium hard VetoBelt 60 RTX, PETX and DTX

- RTX /DTX belts designed for: Caterpillar machines
- PETX belts designed for: Capstan machines only
- Hardness: 60 ShA
- Abrasion resistance: 160 mm³
- Heat resistance: +120°C
- Reinforcement material: Rayon cord (RTX) , Aramid cord (DTX), Polyester fabric (PETX)



Valmet Cable Pulling Belt Types

Hard VetoBelt 70 RKP

- Designed for: Caterpillar machines
- Hardness: 70 ShA
- Abrasion resistance: 130 mm³
- Heat resistance: +80°C
- Reinforcement material: Rayon cord



Valmet Cable Pulling Belts, Standard Products

VetoBelt	50 RSB	60 RTX	60 PETX	60 DTX	70 RTX
Hardness (ShA)	50	60	60	60	70
Abrasion (mm ³)	160	160	160	160	130
Max. Temperature (°C)	80	120	120	120	80
Breaking force (N/mm)	700	700	1500	1500	700
Elongation at break (%)	13	13	20	3	13
Measurements					
length (m)	2 - 16	2 - 16	2 - 16	2 - 16	2 - 16
width (mm)	50 - 250	50 - 250	50 - 250	50 - 250	50 - 250
thickness (mm)	8 - 25	8 - 25	8 - 25	8 - 25	8 - 25

In addition to the standard products, we also manufacture customized solutions for special applications.

