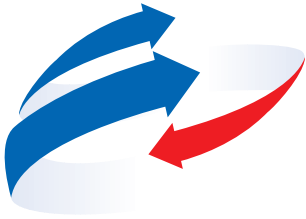


Tunnel Finisher

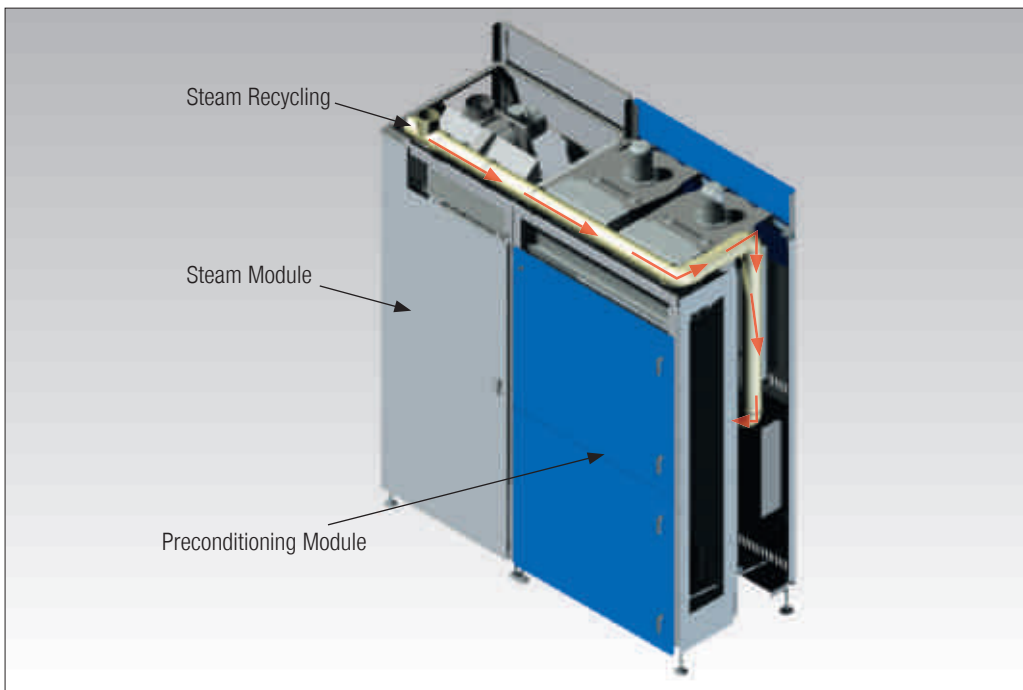




eMotion
more performance
more quality
less energy

Energy Efficiency

The new generation of VEIT Tunnel Finisher 8657 sets revolutionary industry standards – **high performance** and **improved finish quality** coupled with **increased energy efficiency** – thanks to a series of cutting-edge innovations.



Steam recycling

All preconditioning modules are fully equipped with the VEIT steam recycling system. Previously wasted steam is rerouted and used for the following purposes:

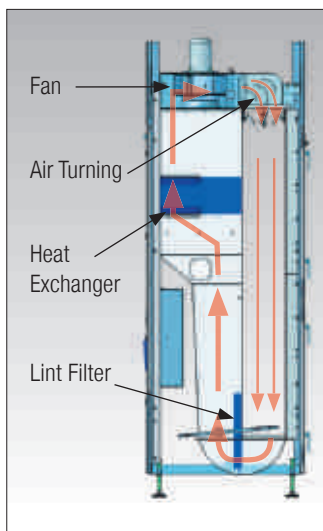
- To preheat the preconditioning modules, allowing for decreased energy demand
- To ensure excellent finish results with high humidity, especially for natural fibers



Revolutionary steam jets

VEIT has developed a new generation of steam jets for our Tunnel Finishers, incorporating:

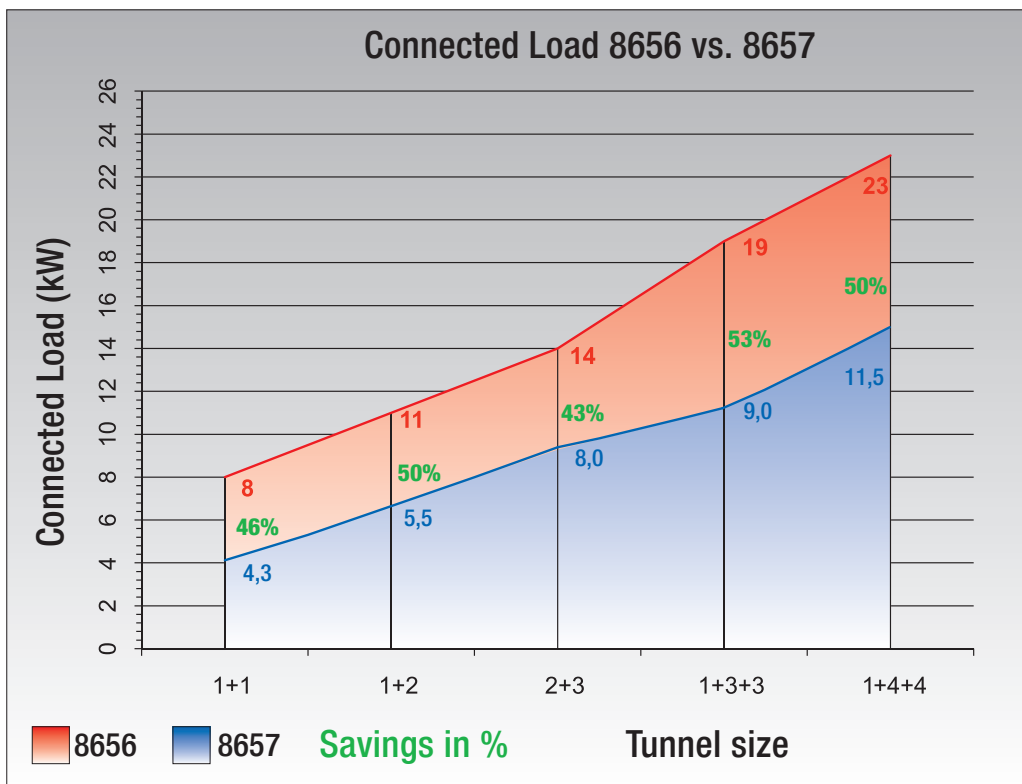
- Reduced steam usage while achieving the same quality finish results
- Specialized design, providing uniform steam application on garments
- Streak-free finish on even the most delicate fabrics



Air circulation and exit modules

Minimal energy waste is assured by:

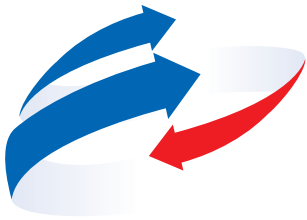
- Utilization of air circulation modules to dry the garments
- Reclaiming hot air in the air circulation modules, lowering energy consumption
- Use of an automatically adjustable exit module (optional), reducing heat loss
- Air curtain between the steam and air circulation modules, restricting steam from entering air circulation module
- Efficient heat generation with adequate heating element, requiring minimal energy consumption



Energy efficient blower technology

The completely redesigned air circulation modules fully equipped with energy efficient blowers provide:

- Reduction of total energy consumption by more than 40% over previous models
- Quiet technology, reducing noise by 3 decibels, thereby decreasing sound pressure by 50%
- Stand-by function, decreasing blower power to approx. 10%
- Consistent working temperature while in stand-by, allowing full production to resume immediately after any idle time



eMotion
more performance
more quality
less energy

Quality

The newest generation of VEIT Tunnel Finisher 8657 sets high standards in finish quality, particularly with difficult fabrics such as cotton, linen and leather.



Preconditioning modules

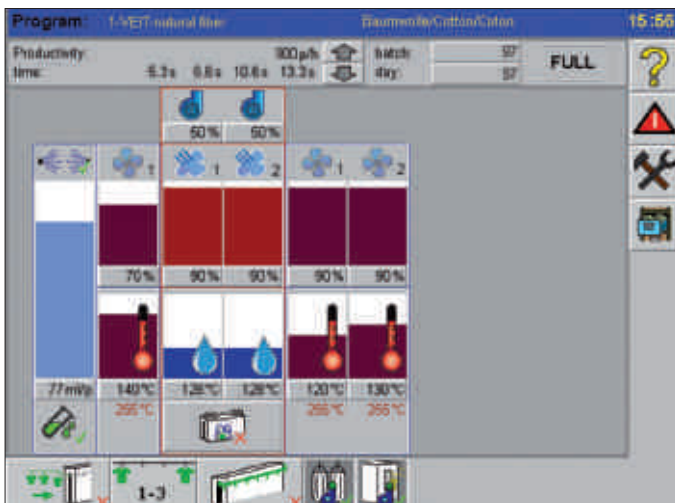
Recommended for finishing natural fibers.

- Steam from the Tunnel exhaust system enters the preconditioning module at a reduced temperature
- Steam and hot air are mixed
- Moisture is applied to fibers before actual finishing process begins.
- High humidity is ideal for natural fibers
- Use of preconditioning modules provides a clear advantage in finish quality, especially with natural fibers, compared to Tunnel Finishers without preconditioning modules

Adjustable steam quality

Provides for increased versatility: high finish quality depends on adjustable moisture content

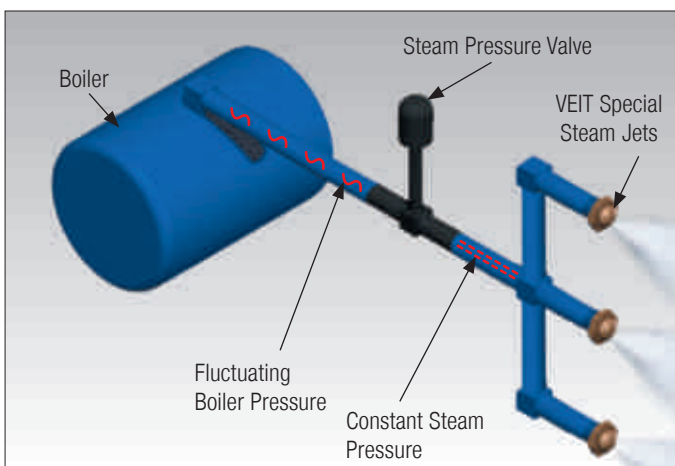
- Moist steam for application to natural fibers
- Dry steam for application to synthetic fibers



Adjustable steam pressure with revolutionary steam jets

Increased efficiency of steam application results in a significantly improved finish

- No streaking on even the most delicate fabrics
- New pressure valves regulating the steam together with the newly developed steam jets provide for a highly consistent steam application
- Even steam distribution and constant pressure on steam jets
- Recessed design of the steam jets, avoiding garment damage



New coating on steam module

Teflon resin-coated steam module

- Helps prevent staining
- Avoids garment damage from hot surfaces by reducing contact temperature
- Eases cleaning of steam chamber - tags and plastics are easily removed



Steam doll effect

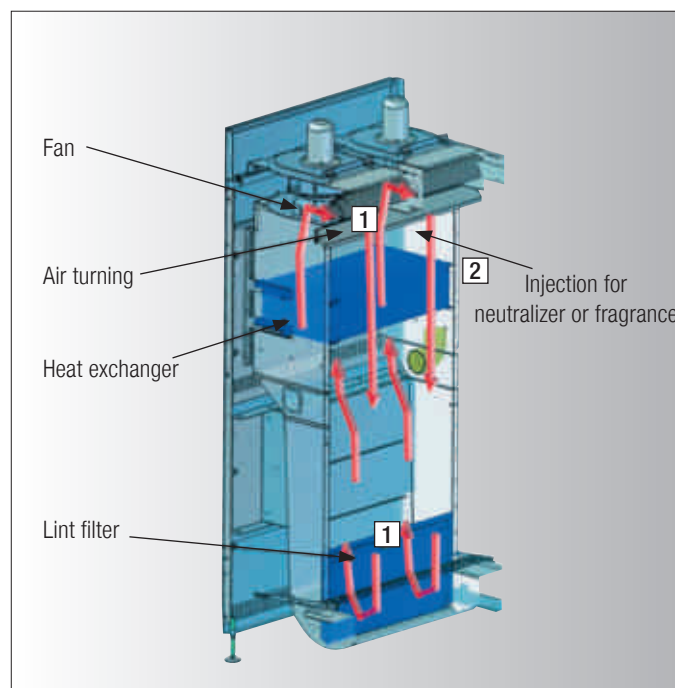
Innovative air flow within the exit module inflates garments from top and bottom.

- Billowed results, as if finished on a steam doll
- Beautiful finish results, especially on padded garments

1 Improved airflow in air circulation modules

Wind tunnel concept

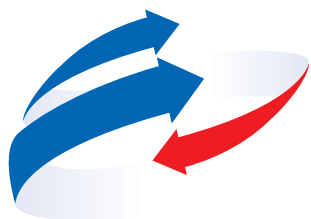
- Garments are stretched and dried after the steam treatment to effectively achieve a wrinkle-free finish
- Redesigned air channeling system based on wind tunnel principles minimizes energy losses
- Optimal air flow improves the smoothing effect on the garment, resulting in a soft, wrinkle-free finish
- Oversized and long garments are now easily finished with high quality results



2 Neutralization of unpleasant odors

Long transports and packaging under less than ideal conditions can often result in garments assuming undesirable odors.

- Our fragrance system effectively neutralizes odors absorbed by garments
- Odors are eliminated during the finishing process, requiring no additional process
- Choice of fragrance or neutralizer may be applied
- Saves both time and money

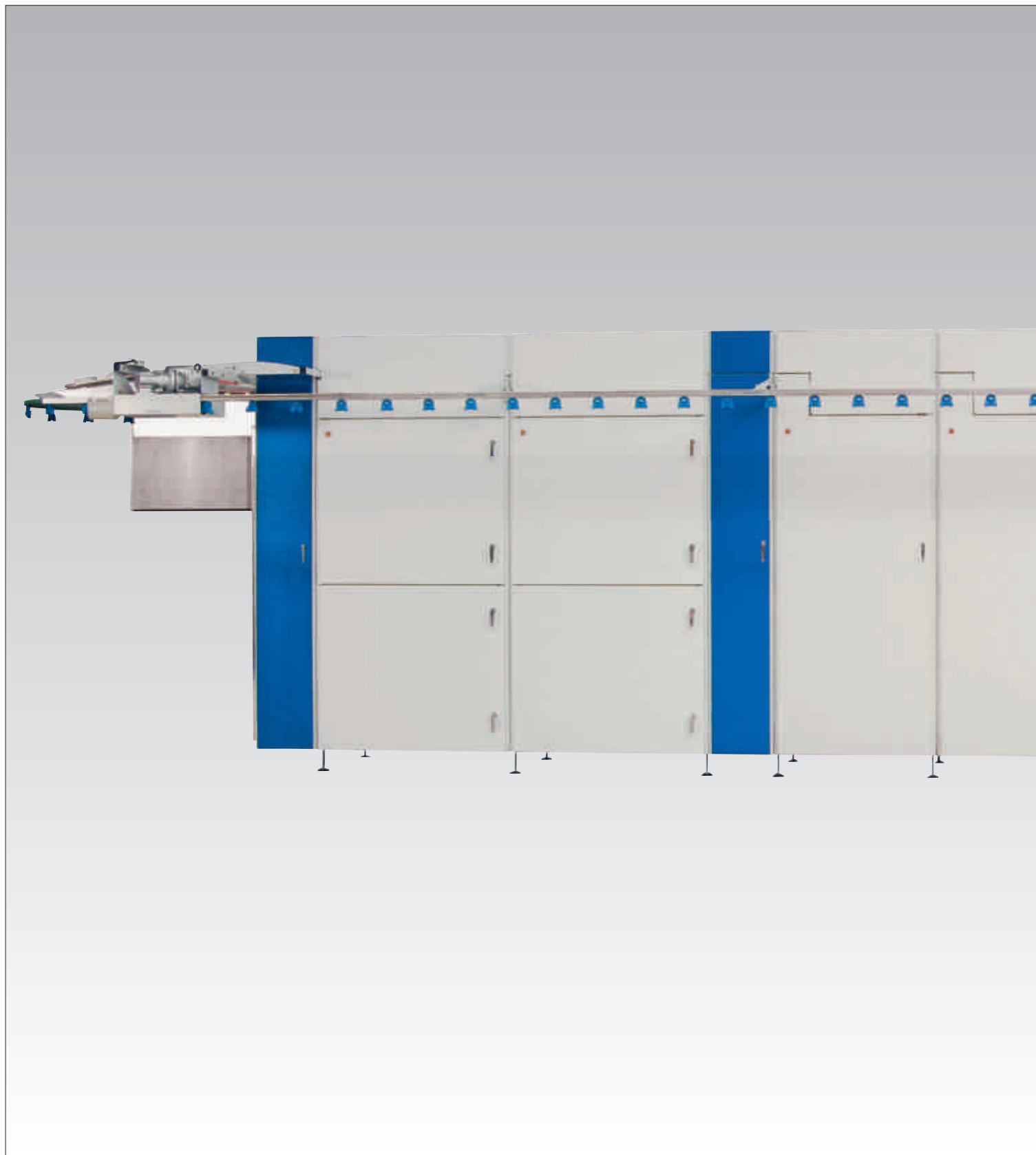


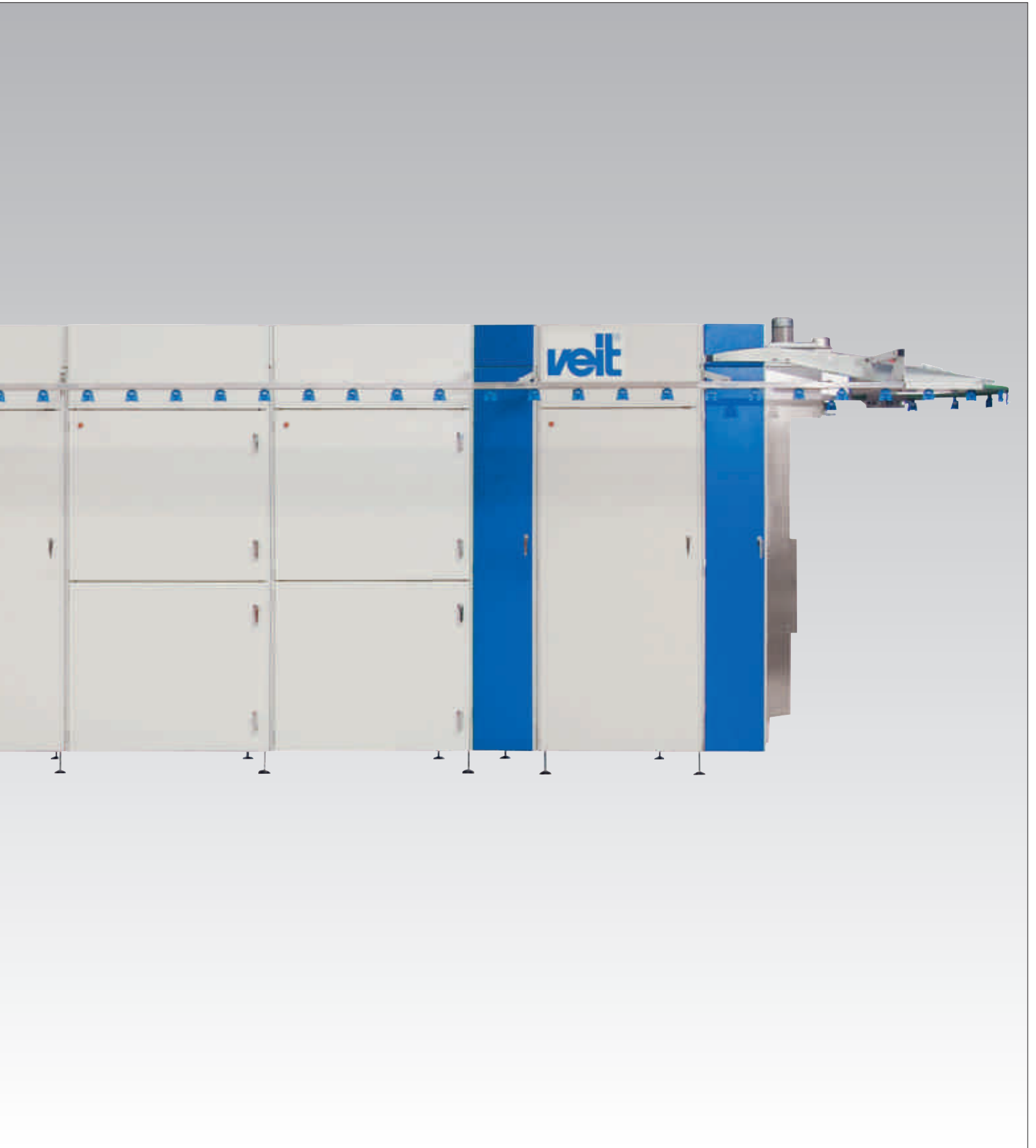
eMotion

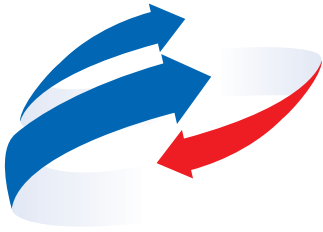
more performance

more quality

less energy







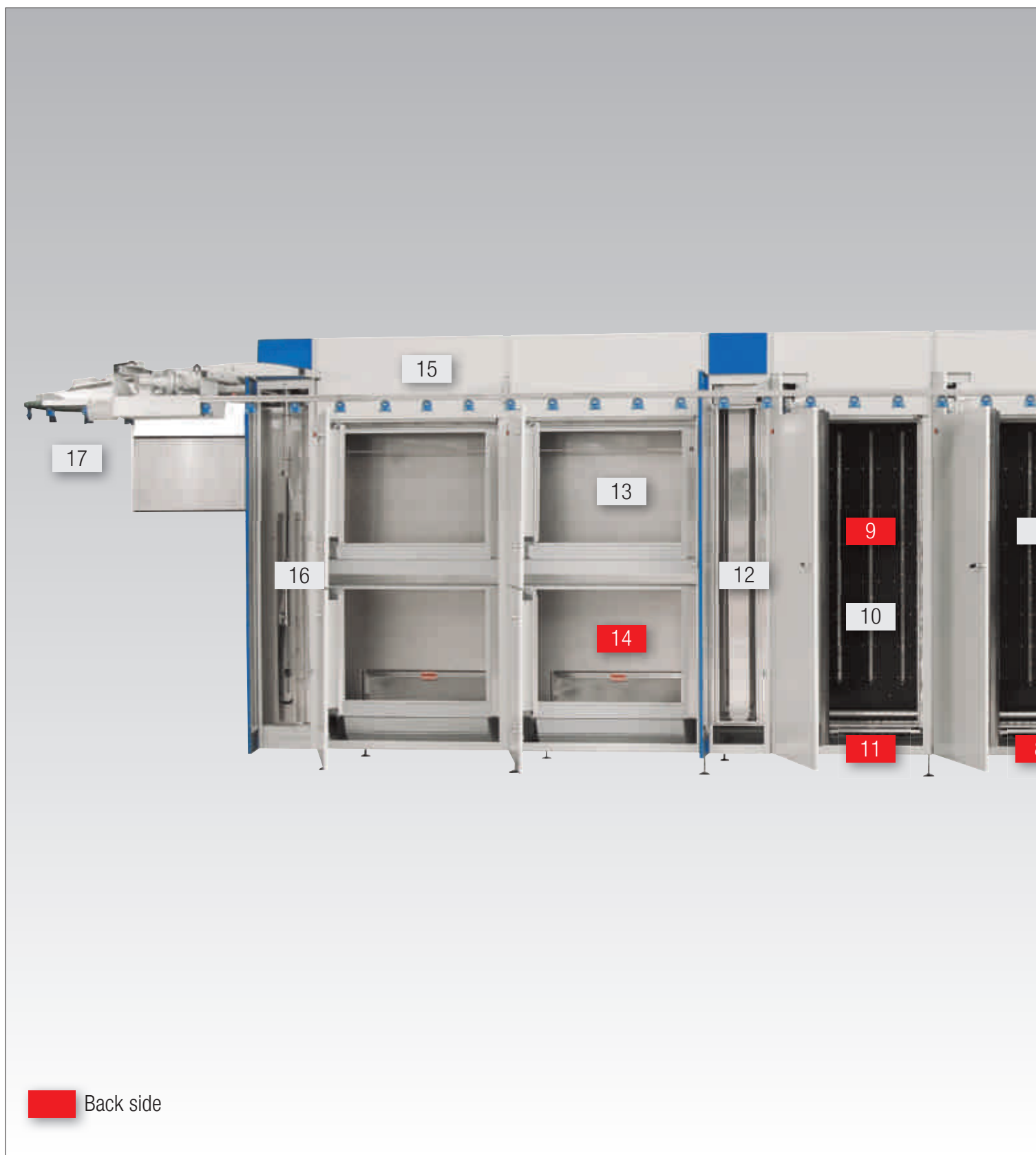
eMotion

more performance

more quality

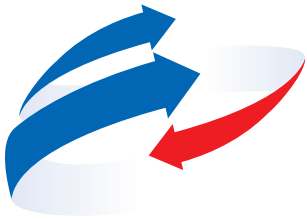
less energy

- 1 Updated conveyor and hook systems can dependably process up to 5000 pieces/hour through the Tunnel Finisher.
- 2 Air curtain entrance prevents condensation from forming, eliminating moisture drops on garments.
- 3 The Cotton Care Unit is used to moisture the garment. This improves the finish results of natural fibers.
- 4 Roller unit (only needed in combination with Cotton Care Unit)
- 5 Exhaust steam is recycled and reclaimed in the preconditioning module providing for improved finish and energy efficiency.
- 6 Preconditioning module allows natural fabrics to be processed with an improved finish.
- 7 Variable steam quality allows choice of moist steam for natural fibers or dry steam for synthetics, ensuring optimal finish.
- 8 Implementation of premium condensation traps ensure reliability and optimal condensation elimination.





- 9 Self-regulating valves maintain consistent steam pressure, regardless of fluctuations in supply.
- 10 Lower steam can be shut off for normal-sized garments to increase energy efficiency.
- 11 Condensation reduction through improved steam tube configuration.
- 12 Airlock provides for clear separation of the steam and air circulation modules.
- 13 Extended air circulation module equipped with powerful quiet technology blowers provides for a longer finish zone.
- 14 New BUS control simplifies and speeds installation as well as minimizes time for trouble shooting.
- 15 Quiet technology blower system combines high performance with energy efficiency.
- 16 Steam doll effect is achieved by airflow from the bottom, thus inflating the garment.
- 17 Hook system made out of high performance materials has been specifically designed to minimize sway and ensure reliable transport of garments.



eMotion
more performance
more quality
less energy

Performance

The experiences and results of over 1000 Tunnel Finisher Systems worldwide have enabled VEIT engineers to set a new industry standard by increasing performance and capabilities along with providing an improved finish quality while significantly increasing energy efficiency.



Peak performance

The performance of a Tunnel Finisher plays a crucial role in ensuring garments may be processed quickly during peak times.

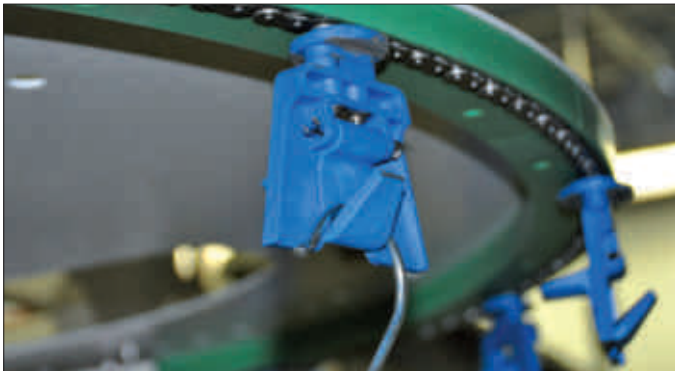
- Processes up to 5000 pieces/hr on individual hangers (depending on system and garments)
- Fully redesigned conveyor system operates with a virtually maintenance- and oil-free chain system
- New high performance loader with adjustable hanger width allows for the use of virtually all hangers
- Dependable and reliable separation as well as delivery to the transport hooks
- Loading or unloading positions may be selected, providing flexibility
- Equipment may be easily integrated into an existing transport system



Flexibility

The new high-performance loader in connection with the new hooks and the new conveyor (with a distance between each hook of 25 cm / 10 in) provides for highest flexibility.

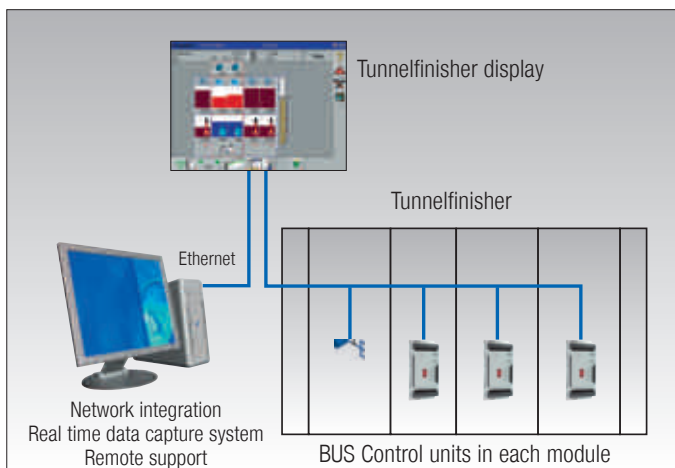
- Loading each hook and overlapping garments for high output possible with light weight garments
- Loading every second, third or fourth hook depending on the size and the volume of the garments
- Loading two garments on one hook to increase output while decreasing energy consumption (possible with light weight garments)



Improved hook

The hook plays a crucial role ensuring reliable transport of garments

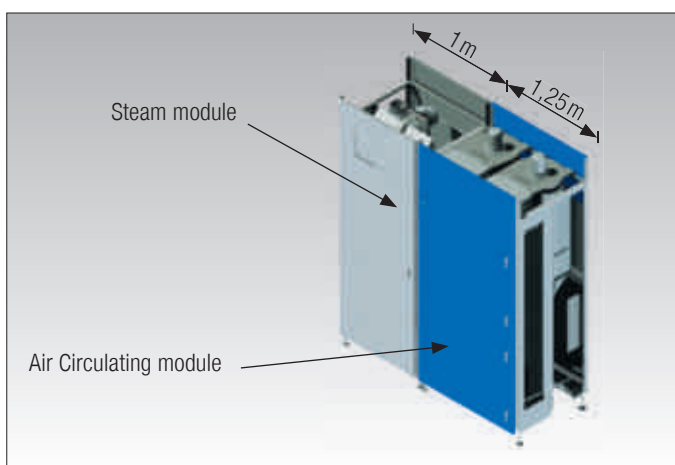
- Completely redesigned hooks made of durable high performance materials dependably move garments through the Tunnel Finisher
- Custom design accommodates controlled transport of garments, eliminating sway
- Specialized hook design assures garments are transported reliably, regardless of hanger type



Tunnel Finisher responds to changing needs

Easy adjustment to new fabrics and increased quantities

- Individual modules are linked over a single BUS circuit, allowing for easy electrical wiring and trouble-shooting
- Completely modular design significantly decreases installation time
- Expansion and extension of a Tunnel Finisher is easily achieved



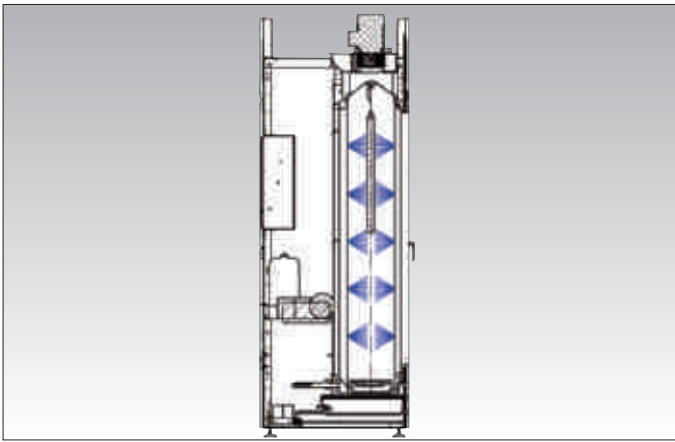
Extended air circulation module equipped with powerful yet quiet blowers

The new generation of blowers combines high performance with both reduced energy consumption and noise.

- Extended air circulation module (1250 mm / 50 in) provides for a longer finish zone, improving performance
- New generation of blowers combining both high pressure and circulation assures exceptional finish with high output
- Quiet technology, reducing noise by 3 decibels, thereby decreasing sound pressure by 50%

Cotton Care Unit

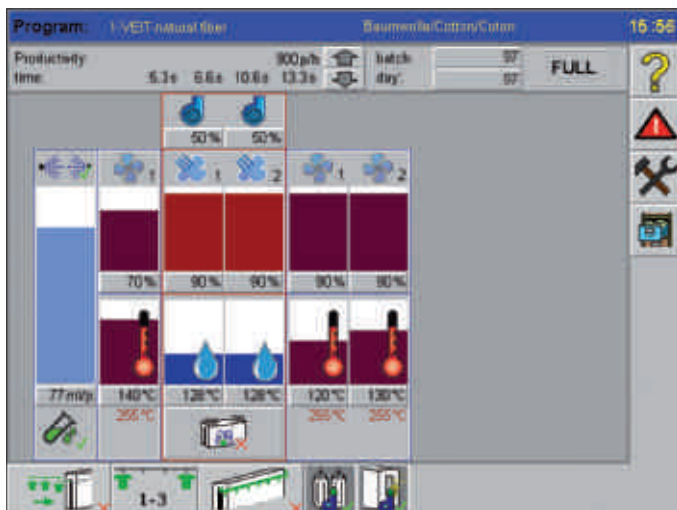
The latest generation of the VEIT Tunnel Finisher 8657 with its Cotton Care Unit achieves unrivaled finishing results with garments made of natural fibres.



Garments made of natural fibres are treated with a newly developed, unique high-pressure water spray technology. This makes the fibers swell, achieving exemplary finishing results. With the micro fine nebulization of the water, the undesired wash-effect on garments is avoided.

The effect of this technology is amazing: Even hard creases in linen fabrics, e.g. from overseas transportation of garments, can be removed easily. But also for the production of garments, our cutting edge technology offers entirely new possibilities: Many of the manual final pressing operations, e. g. for casual wear and night wear, can now be completed very effectively with a single machine – our Tunnel Finisher.

With the Cotton Care unit, you will not only improve finish results but also enhance the efficiency of the Tunnel Finisher. By partly replacing steam by water, the steam consumption can be reduced considerably. The reduction may vary depending on the garments finished.



For further improvement of the finishing result, VEIT Finish Optimizer can be added. This VEIT Finish Optimizer is applied through an integrated dosing station and helps the moisture enter the fabric faster and more thoroughly.

With the touchscreen control, you can adjust the following parameters:

- Cotton Care Unit: on / off
- Amount of water sprayed on the garments
- Adding of VEIT Finish Optimizer: on / off



Before and after: cotton / jeans



Before and after: difficult to finish linen fabric

Technical Data

Standard Models		1+2	1+2+2		1+3+3		1+4+4	
Cotton Care Unit			with	without	with	without	with	without
Average capacity	pc/hr	1000	1600		1900		2200	
Air volume (passage width 260 mm)	m3/hr yd3/hr	13000 15600	19500 23400		26000 31200		32500 39000	
Average steam consumption *	kg(lb)/hr	140 (308)	205(452)	255 (561)	310 (683)	370 (814)	410 (904)	485 (1070)
Average water consumption	l/h		45		45		45	
Electrical connection (400V 50 Hz) **	kW	5.5	9.7	8	10.7	9	13.2	11.5
Dimensions and Weight								
Length with / without conveyor	mm in	7065 / 4365 278 / 172	10735 / 8035 423/316	9325 / 6625 367 / 261	12995 / 10295 512/ 405	11585 / 8885 456 / 350	15255 / 12555 601/494	13845 / 11145 545 / 439
Height*** - min. (+150 mm/6 in adjustable range)	mm/in	2665/106	2665/106		2665/106		2665/106	
Width (conveyor on door side)	mm/in	1650/66	1650/66		1650/66		1650/66	
Width (conveyor on control side)	mm/in	1200/48	1200/48		1200/48		1200/48	
Net Weight	kg/lb	1900/4189	3250/7165	2700/5952	4150/9149	3600/7920	5150/11354	4600/10141
Equipment								
Conveyor height	mm/in	1810/72	1810/72		1810/72		1810/72	
Entry point air roller		■	■		■		■	
Water jet rows (7 jets per row)		-	2	-	2	-	2	-
Preconditioning module with moisture intake from steam module		-	1		1		1	
Steam modules with regulated steam suction		1	2		3		4	
"Direct-blow" air circulation modules		2	2		3		4	
Steam nozzle-rows / 16 nozzles		8	16		24		32	
Steam quality control		■	■		■		■	
Teflon resin coated steam module		■	■		■		■	
Exit module, air rollers / "high-volume" manual		■	■		■		■	
Loading separator		■	■		■		■	
Options								
Air curtain module ***		□	□		□		□	
High-volume exit module with automatic height adjustment		□	□		□		□	
Steam suction at entrance module		□	□		□		□	
Integrated steam distribution pipe		□	□		□		□	
Control unit on pedestal		□	□		□		□	
Hook interval range	mm (in)	>250 (>10)	>250 (>10)		>250 (>10)		>250 (>10)	
Scent infusion		□	□		□		□	
Computer network compatible (e.g. for remote maintenance / RFID)		□	□		□		□	
Synchronized loading		□	□		□		□	

* Individual usage may vary based on quantity and type of clothing.

** Individual usage may vary based on options and conveyor system.

*** Installation of an air curtain module between the steam and air circulation modules requires an additional 100 mm (3.9 in) height.

■ = Standard equipment / □ = Optional equipment / - = not possible

Pressing for Excellence – Why you can depend on the VEIT-Group

For over 50 years, the needs and the challenges of our customers have been our most important undertaking. For decades, world famous brands in the German and international garments industry have placed confidence in the innovative, high quality products and services offered by the VEIT-Group.



Our experts consult and partner with you in finding the best possible solution for your project needs, whether you require individual machines or a complete product line.

Prompt delivery and professional installation of our machines and systems go hand in hand with premium training, through which we equip your staff with the skills necessary to achieve the highest possible production.



We look forward to serving you!

Worldwide 24-Hour Service Hotline

Our service technicians are always available, around the world and around the clock, maximizing continuous production.

Your local sales agent:

VEIT GmbH

Justus-von-Liebig-Str. 15
D-86899 Landsberg/Lech
Germany
Tel. +49 (8191) 479-117
Fax +49 (8191) 479-149
E-Mail: info@veit.de
www.veit-group.com

BRISAY-Maschinen GmbH

Mittelweg 4
D-63762 Grossostheim-Ringheim
Germany
Tel. +49 (6026) 997-0
Fax +49 (6026) 997-100
E-Mail: info@BRISAY.de
www.BRISAY.com

VEIT GmbH

Branch GTT

Valdorfer Str. 100
D-32602 Vlotho · Germany
Tel. +49 (5733) 87 13-0
Fax +49 (5733) 87 13-45
E-Mail: info@veit-kannegiesser.de
www.veit-kannegiesser.com

