

Interior



VEIT 8660 Interior Finisher

The VEIT 8660 Interior Finisher is designed for finishing all kinds of interior parts. This Finisher gives a consistent and excellent quality finish for all types of fabric and leather covered surfaces. All kinds of marks including pressure marks on back-sprayed injection molded parts as well as on cushioned products are removed by the combination of VEIT's unique steam spraying and temperature controlled air-drying technology. The design of the VEIT 8660 Interior Finisher allows the machine to be easily integrated in most any existing production layout.

Flexible integration

The VEIT 8660 Interior Finisher can be set up as an independent operation or incorporated into an existing production line. Depending on the flow of goods and type of parts, the machine can be set to manual or automatic operation.

- Available working width 39,4 inch
Weight 2643 lbs; 3x400 V; 4.5 kW
WxLxH 74 x 207 x 69 inch



The VEIT Interior Finisher 8660 consists of four units:

Loading Station

The parts are loaded across the entire width of the conveyor belt for transport to the steam unit. This can be done manually or via an automated loading system.

Steam Unit

The parts are evenly sprayed with the steam to relax the fibers and enhance the appearance of the surface material. The steam values (pressure, temperature, volume) are fully adjustable depending on the type of material being processed. The steam spraying direction can also be selected either from the top or from the bottom of the steam chamber.

Finishing Unit

The finishing unit consists of a twin-fan system and a large heating coil. The air volume and temperature are fully adjustable depending on the type of material being processed.

Unloading Station

The parts can be unloaded manually or via an automated unloading system. When the Finisher is incorporated into an existing production line, the unloading station may not be required.

The Electronic Control Unit

The high-tech control unit consists of potentiometers, and a keypad with visual illustration including pictograms and illuminating diodes. The cycles are shown to the exact second on the digital display. The following parameters can be set:

- Dwell time of steam and air
- Air temperature
- Air volume
- Belt speed for continuous or indexed operation
- Lifetime and re-settable piece counter
- Optional password protected keypad
- Optional language selection



Steam Spraying Unit

The steam spraying of the parts is carried out via an energy-saving steam system that consists of high-pressure spray nozzles fixed to a specifically designed spraying angle. The direction of the steam can be selected to spray upward from the bottom of the machine or down from the top. The linear arrangement of the nozzles avoids unwanted stripes and shine marks.



Finishing Unit

A consistent flow of circulated air is ensured by the precisely arranged location of the air duct openings. The airflow volume is fully adjustable and the air temperature is maintained +/- 2° of the set temperature.

VEIT 8650 Tunnel Finisher

VEIT 8650 Tunnel Finisher

The VEIT 8650 Tunnel Finisher has been designed for surface treatment of all types of interior components. This advanced technology guarantees consistent quality combined with a high output capacity. The interior parts (e.g. seat components) are transported on customized transport frames through the tunnel system.

- Weight 2203 lbs; 400 V; 4.5 kW;
WxLxH 28,4 x 78,7 x 106 inch



The base module of the VEIT 8650 Tunnel Finisher consists of a steam and a finishing unit.

The modular design and construction makes the machine easily adaptable to suit a variety of production requirements. Depending on the type of material, the finishing cycle can be programmed via the electronic control unit. The cycles are shown to the exact second on the digital display.

The Steam Unit

Large doors in the steam and finishing units guarantee easy access to all the components within the machine. The steaming can be selected for each transport section between left, right or bilateral spraying via specially heated high-pressure steam spray nozzles.

Different components can be finished on the upper and lower sections.



The Steam Injection Unit

For the exact finishing of problem areas, the steam spray strips can be specifically formed according to customer requirements and the contour specifications of the interior parts.

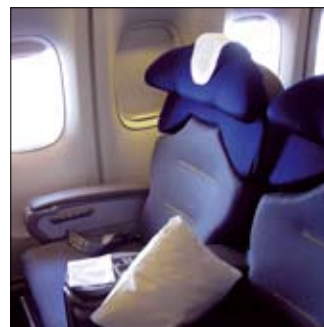
For model or production changes, quick-disconnect fittings ensure that the strips can be replaced without losing time. Silicon curtains at the tunnel entrance and exit prevent energy loss. The Teflon coating of the stainless steel chambers simplifies cleaning of fluff, threads, etc.

VEIT Tunnel Finisher for Suspended Seat Covers

The VEIT Tunnel Finisher for suspended seat covers has been designed for finishing all kinds of fabric or leather covers. Due to the combination of the steam and finishing units, impressions, wrinkles, creases and marks can be removed from covers which have been previously bulk-packed for shipment. The modular design and construction makes the machine easily adaptable to suit a variety of production requirements. In the steam chamber, the goods are sprayed bilaterally with steam by special steam nozzles to relax the fibers and enhance the appearance of the surface material. Steam quantity and temperature are adjustable, depend-



ing on the materials being processed, via the easy to use control panel. After the steam relaxes the fibers, the heated air movement smooths the surface area of the material. The air volume and temperature are fully adjustable via the control panel.



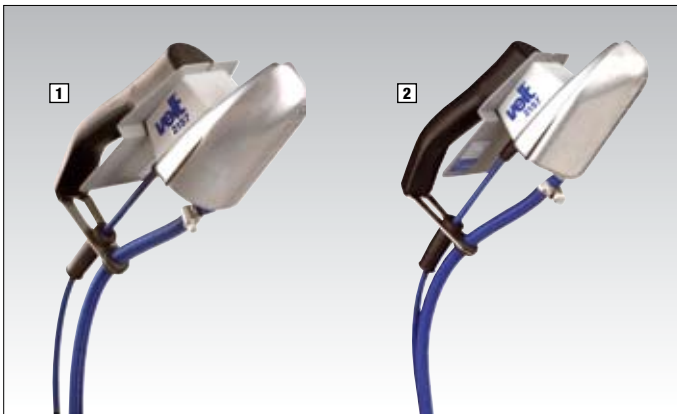
Multifunctional applications

With its variety and variability, the VEIT finishing technology offers a wide range of possible applications. From manual Hand Finishers to automatic Interior Finishers and Tunnel Finishers, fabric and leather surfaces

of all type of transportation interiors (automotive, aircraft, railway, marine, etc.) are consistently finished to an excellent quality standard. The VEIT Interior Finishers can be used for all formed trim panels, interior parts, back-sprayed modules, seat

components and much more. Due to their construction, the Finishers can be easily modified and adapted to meet any individual requirements for model or production changes.

VEIT 2157 Hand Finisher



VEIT 2157 Hand Finisher with ironing Egg **1** and Ironing Ship **2**

For manual finishing of outlines, impressions and curves of all kinds of fabric and leather covered interior components. Due to the ergonomic design and precision shape of both Hand Finishers, it is possible to finish all kinds of outlines, impressions and curves. Depending on the shape of the surface, VEIT offers different solutions:

We recommend our ironing "ship" for angular surfaces (e.g. grooves).

For round surfaces, we recommend the use of our ironing "egg".

- Weight 1530 g / 3.37 lbs
100-240 V; 600 Watt; 50-60 Hz
ironing surface: 125 x 85 mm /
4.92 x 3.35 inch

Hand Finisher VEIT 2157 **3**

For manual finishing of fabric or leather covered interior parts and for removing of creases, shine and marks of interior surfaces. Use the Teflon frame sole attachment for smoothing or improving the shape of uneven surfaces. Use the steam brush attachment to give an excellent appearance to leather, pile or delicate fabrics.

- Weight 620 g 100 – 240 V;
600 Watt; 50-60 Hz
ironing surface: 125 x 85 mm /
4.92 x 3.35 inch

We recommend the use of the VEIT 2216 Steam Reheater together with the VEIT 2157 Hand Finisher. The addition of a VEIT 2216 Steam Reheater allows you to modify the steam quality from dry to saturated.

Accessories

Universal support stand cpl. for Hand Finisher

Support stand with padded inlay for ergonomic and safe storage of the VEIT 2157 Hand Finisher. The universal support stand is height adjustable and therefore adapts perfectly to meet the requirements of the operator.



1 VEIT Steam Reheater 2216

Working with a mobile VEIT steam generator, the VEIT 2216 Steam Reheater provides an excellent steam supply for the VEIT 2157 Hand Finisher. The completely adjustable heating cycle creates high quality condensate-free steam.

- 230 V, 800 W
- Dimensions: LxWxH 170 x 130 x 330 mm (6.69 x 5.12 x 12.99 inch)

2 Swivel Holder for VEIT Steam Generators

Together with a VEIT steam generator it is the ideal combination as a support for the VEIT 2216 Steam Reheater and as a rest for the VEIT 2157 Hand Finisher.

- Dimensions: Height: approx. 830 mm (32,68 inch)

VEIT Steam Generators



VEIT 2365

The VEIT 2365 high-pressure steam generators are available in four power capacities.

- 2.2 kW – 230 V for 3.0 kg steam/h
- 6.6 kW – 400 V for 9.0 kg steam/h
- 4.4 kW – 400 V for 6.0 kg steam/h
- 9.0 kW / 400 V for 12.0 kg steam/h

We therefore provide the right option for each specification. They combine high reliability and easy operation. The electronically controlled water level with optical and acoustic indication of low water level, guarantees safe operation. The integrated water tank is filled automatically with tap water by the pump. With a feed water tank available as an option, the steam generator can be directly connected to the water pipe.



VEIT 2381

The VEIT Steam Station 2381 corresponds to pressure equipment directive (Druckgeräterichtlinie DGRL) 97/23EU. In Germany, this steam generator can be operated without registration.

- The versions of 40, 50 and 60 kW connection power can produce steam from 55 kg to 82 kg per hour – in compact design on less than 1 square metre floor space.

- Large-dimensioned steam boiler with a total volume of 75 litres.
- Approximately 50 litres water volume and 25 litres steam space guarantee an optimal steam supply and the highest possible working safety.



VEIT 2305 Hodamat

4.5 kW / 400 V for max. 5.8 kg steam/h, two solenoid valves for two irons. Drainage tank is standard equipment
6.0 kW / 400 V for max. 7.8 kg steam/h, two solenoid valves for two irons. Drainage tank is standard equipment

- High reliability
- Long working life
- Excellent steam quality
- Two separate steam connections give good use of energy and flexibility
- Electronic water level control provides continuous operation
- Operating pressure indicator, electrode water level control, pressure control, overpressure valve and overheat protection ensure safe operation

VEIT 8420 Finisher for Seat Covers

The VEIT 8420 Finisher

The VEIT 8420 is engineered to remove wrinkles, creases and marks from all types of seat components. Its patented system is especially designed to produce high quality results in a minimum amount of time.

Highly automated, the VEIT 8420 Finisher is easy to handle and does not require a skilled operator. The end result is consistently better than what is usually produced by a manual finishing operation.

The optional unloading device increases the output of the Finisher. As the seat component is unloaded automatically and the form is ready



for the next component when the finishing cycle ends.

- Weight 324 lbs; 200-240 V; 1.4 kW;
WxLxH 23,6 x 26,4 x 57,9 inch

Laminating Press BRI-9003

Form laminating machine for car seat heating elements BRI-9003

The form laminating machine is used to laminate car seat heating elements onto a base material using steam and heat.

- Weight 441 lbs; 230 V; 0.2 kW;
WxLxH 43,3 x 3820 x 77,6 inch



Advantages:

- Minor shrinkage of parts – only approx. 0.7 % compared to conventional laminating machines (3-7 %)
- This technique gives an “immediate grip” of the different fibres within the car seat.
- Time saving due to quicker process. Parts can be loaded during the laminating cycle.
- The unwinding device for rolls reduces loading times.
- Custom-made forms guarantee individual use.
- Treatment of ergonomically formed seats is possible.

Thermo-shaping Unit from BRISAY

The thermo-shaping unit from Brisay is used to shape plastic pipes and hose lines (PA plastics) rapidly and reliably in 2D/3D geometry through changes in the molecular structure. Shaping is carried out with heat by applying steam; the subsequent cooling is done with cooled water. The part is then dried with compressed air. This technologically new development ensures cost-effective shaping and setting of pipes and lines.

Various sizes of different materials can be processed simultaneously

The thermo-shaping machine is equipped with 3 registers each with 4 connections. Registers may be operated at the same time with different process parameters.

- Temperature probes are used to measure and control the temperature
- A filter unit (4 µ) is installed in the water circulation to remove dirt particles from the cooling water.
- The process flow is controlled by an automated control system.
- Weight 1278 lbs; 230 V; 0.5 kW; WxLxH 122,1 x 1420 x 1680 inch



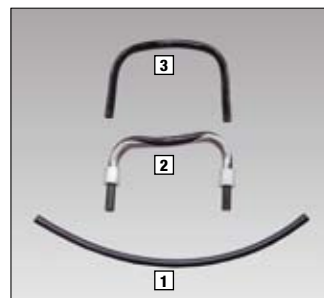
Peripheral equipment

The thermo-shaping unit works in combination with a water treatment unit, a steam generator, an air compressor and a cooling unit.



The hose unwinding device

Allows the energy supply hoses which are inside the base unit of the thermo shaping machine to be positioned anywhere on the work surface and connected to the corresponding pieces to be shaped.



The production cycle consists of the following steps:

- Preparing: Place plastic pipes or hose lines **1** into the customers shaping appliance **2** and use the innovative rapid exchange system to connect them to the thermo-shaping machine.
- Steam supply: for heating and shaping.

- Compressed air supply: For blowing out water and drying.
- Deferred compressed air supply: For dry blowing of hoses, which are not used.
- Removal: Release rapid exchange systems and remove plastic pipes or hose lines from molding appliances **3**.

MultiStar DX Series – Laminating Machines

With the DX line, VEIT Kannegiesser offers the right concept for gentle, effective and reliable fusing/laminating of leather and textile cuttings with foam, felt, fleece or knitted materials.

Advantages of fusing /laminating leather and textile stampings:

- Permanent perfectly aligned bonding of foam, felt, and fleece or knitted materials to the outer or surface material.
- The desired soft touch (hand) of the fabric can be obtained by applying different coating materials.
- The coating of leather causes the closure of the pores; therefore the foam does not penetrate into the leather material.



MultiStar DX 1000 + T

The machine, equipped with a feeding table, is particularly suited for processing small to medium-sized piece goods. The loading side is very operator friendly due to the elimination of excessive heat associated with some laminating processes with long external conveyor belts. The feeding table can be converted to a conveyorized feeding system (FE) at a later date if necessary.



MultiStar DX 1000 + FE

This machine is equipped with the feeding system FE. The entry belt can be switched on and off via the foot switch. This is particularly useful for materials, which are difficult to lay or position for laminating. The belt systems of the machine are directly synchronized, and therefore, there is no disturbance or shifting of the materials in the transition from the entry belt to the conveyor belt.

VEIT Kannegiesser

has created new possibilities for leather fusing/laminating with the new MultiStar-DX series:

- Two separately controlled surface contact heating areas apply different temperatures to the face fabric and the interlining materials.
- A user-friendly Touch Screen Programmer with a built-in self-diagnostic device.
- Three different pressure systems are available and the equipment

can be modified to a different pressure system at a later date, should the user's requirements change.

- The machine can be equipped with auto-loading or feeding systems and automatic unloading and stacking units.
- The machine offers a reduction of the process time by 30 to 40 percent in comparison with Twin-Tray presses.
- The equipment requires little maintenance and is very service friendly.

Touch-Screen

The Touch Screen control allows the adjustment and control of all necessary parameters:

- Indication of set/actual temperature of the different heating zones
- Parallel display of laminating time (sec), speed (m/min) and pressure in bars and n/cm²
- Fill level indicator for optional stacking device
- Self-diagnosis system for trouble shooting with visual and audio warnings.



The Heating System

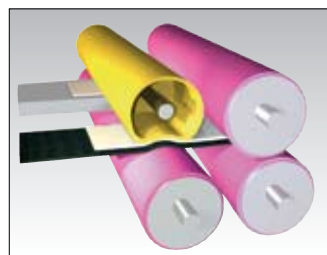
In the laminating compartment, the temperatures must be kept constant all day. VEIT-Kannegiesser offers a patented and unique heating system with the following advantages:

- A patented heating element which transfers the temperature evenly over the entire surface without a great loss of heat.

- Arched heating zones to guarantee an optimal inner heat transfer from the heating element via the conveyor belt to the material being fused.
- Thermostats monitor and adjust the heat constantly and quickly to maintain the set temperature without fluctuation.

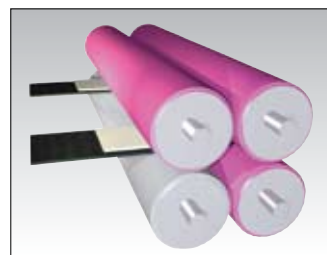
MultiStar DX – Pressure Systems

VEIT-Kannegiesser offers different pressure systems to meet the individual requirements of all types of material combinations. The pressure systems can be changed at any time should the user's requirements so mandate.



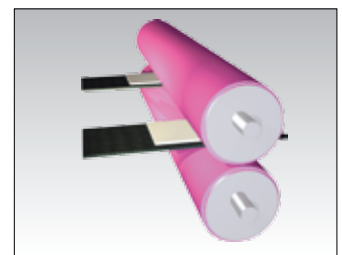
Flexo Double Pressure System DX-CFC

Designed for fusing leather and other pressure sensitive materials.



Double Pressure System DX-CU

Developed for materials which require high pressure.



Standard Pressure System DX-C

Universal pressure system, created for laminating a wide range of materials.

Pressing for Excellence – Why you can put your trust in the VEIT-Group

For over 50 years, the requirements and the problems of our customers world-wide have been our most important challenge. For decades, world-famous brands in the German and the international garments industry have had confidence in the innovative, high-quality products and services of the VEIT-Group.



Our experts consult with you as a partner to assist you in finding the best solution for your project no matter if you are planning to use individual machines or if you need a complete production line.



Prompt delivery and professional installation of your machines and systems goes hand in hand with premium training with which we enable your staff to achieve the highest possible productivity.

Worldwide 24 hr Service Hotline

Our service technicians worldwide are available around the clock so that your production works with as little disruption as possible.



We look forward to dealing with you personally!

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