

# VEIT Steam Generators



# Interesting Facts about Steam Generators

When purchasing a steam generator you should definitely pay attention to the necessary boiler size in litres, Kw or HP and the required pressure of the boiler. These criteria are decisive for the optimal compatibility of the steam generator and the application, e.g. when using Finishers. In addition this data classifies the category of the boiler.

## CE certification

With the CE certification VEIT certifies the conformity of the steam generator with the corresponding EU guidelines (DGR 97/23 EG; PED 97/23 EC). Products from other manufacturers, which do not fulfil these EU guidelines, often cause additional costs.



DGR 97/23 (PED 97/23 EC)			
	Size steam generator in bar X litres	Required classification	VEIT products
Category I	< 50	CE (without 4-digit TÜV 2331, 2365 numbers)	2331, 2365
Category II	50 - 200	CE with 4-digit TÜV numbers, e.g. TÜV Southern Germany CE 0036	2305, 2373
Category III	200 - 3000	CE plus with 4-digit TÜV 2381 numbers	2381
Category IV	> 3000	CE plus with 4-digit TÜV Utility numbers	Steam Generators

## Advantages of the steam generator VEIT 2381

The steam generator VEIT 2381 is certified by the notified body TÜV and can easily be connected to electricity, steam and water.



## Certification of the steam generators

Pay particular attention to the CE certification when comparing our units with competitor products.

For units in category I the CE mark with 4-digit number satisfies the requirements of the inspection authority.

For units in categories II, III and IV the CE mark with the 4-digit number from the named authority must be visible.

If the 4-digit number for units in category II, III and IV is missing, the unit could be shut-down by the responsible authorities in Europe.

# VEIT Steam Generators – always the right Size

The VEIT 2365 high-pressure steam generators are available in four power capacities from 3.0 up to 12.0 kg steam per hour. 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 vessell is filled automatically with tap water by the pump. You only need tap water for operation. A water softening unit is not necessary. The blow-down tank is included as standard.

## VEIT 2365 / 2.2

2.2 kW – 230 V for 3.0 kg steam/h, one solenoid valve for one iron (picture)

- Connection for one iron
- Also available with solenoid valve and one additional ball valve e.g. for Detaset



## VEIT 2365 / 4.4

4.4 kW – 400 V for 6.0 kg steam/h, two solenoid valves for two irons (picture)

- Connections for two irons
- Also available with an additional ball valve which can be used with All-Steam-Irons or other steam units



## VEIT 2365 / 6.6

6.6 kW – 400 V for 9.0 kg steam/h, two solenoid valves for two irons, short heating-up time

- Connections for two irons



## VEIT 2365 / 9.0

9.0 kW / 400 V for 12.0 kg steam/h, two solenoid valves for two all-steam irons or other consumers, short heating up time

- Connections for two all-steam irons or other steam consumers



### Advantages of the VEIT 2365 series:

- Electronic protection of the feed water pump against running dry
- Electronic signal (optical and acoustic) in case of lack of water
- Stainless steel boiler
- Very high security due to independent safety equipment: pressure control, safety valve, overheating protection and float ball valves with safety latches to float accidental opening

# The VEIT Steam Generators ...

## VEIT 2331 Compact 3 / 2.2

2.2 kW / 230 V for 3.0 kg steam/h,  
one solenoid valve for one iron

- Connection for one iron
- Low-priced small steam generator with stainless steel boiler
- Is mostly used by tailors and alteration shops
- Steam is normally generated from tap water
- Heating for steam boiler and iron can be controlled separately
- Iron is activated via switch in order to save energy
- Electronic water level indication works with acoustic signals
- A vent valve allows easy manual filling



- Excellent steam quality
- Two separate steam connections provide efficient energy consumption and flexibility
- Electronic water level control provides continuous operation
- Operating pressure indicator, electrode water level control, pressure control, pressure safety valve and overheat protection ensure safe operation
- Its compact design makes it a space saver and wheels give good mobility
- Working hour meter helps to control the timing of routine maintenance

## 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

## VEIT 2373

### High-Pressure Steam Station

13.5 kW / 400 V for 18 kg steam/h

18 kW / 400 V for 24 kg steam/h

24.5 kW / 400 V for 33 kg steam/h

30 kW / 400 V for 41 kg steam/h

Connection possibilities for irons,  
finishers and other steam consumers

- Compact design
- Stainless steel feed water tank placed above the steam generator
- The steam generator can be placed against a wall, as all energy supply connections are accessible from the side.



- The boiler steam volume is 22 litres
- Plastic blow-down tank
- For service, all functional components are easily accessible from the front

## ... for Quality Steam

### VEIT 2381 High-Pressure Steam Station

40 kW / 400 V for 55 kg steam/h  
 50 kW / 400 V for 68 kg steam/h  
 60 kW / 400 V for 82 kg steam/h

Connection possibilities for irons, finishers, up-steam tables and other steam consumers. With two VEIT 2381 steam generators, even a VEIT Tunnel Finisher can be supplied with sufficient steam.

The VEIT Steam Station 2381 corresponds to pressure equipment directive (Druckgeräterichtlinie DGRL) 97/23EU.



- 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
- 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

- Integrated stainless steel feed water and drainage tanks in tubular compact design for minimum installation costs

- Ready for operation with few connections
- Easy start-up, operation and service due to clearly arranged function elements and controls

- High temperature feed water pump is standard
- High operating safety ensured by electronic control of water level and a double protection against low water, thus avoiding damage caused by the heating elements running dry.
- Large-dimensioned heating elements with low surface load protect the heating rods and extend the life span
- The drainage process is carried out safely from the front of the steam generator



### Connection set for tandem processing with VEIT 2381 steam generator

For larger steam quantities, two steam stations can be stacked one upon the other (tandem processing) providing up to 164 kg steam per hour.

Increasing set 11.8 inches (4 pieces) for the steam generator VEIT 2381

# Water Treatment

Excellent water quality is an important requirement for steam production and steam distribution. Good quality water saves energy, reduces breakdowns and increases the working life of your units. The VEIT test set is used to test the water hardness quickly and easily. If the water is harder than 5°dH (degrees of German hardness), water softening is recommended for electro-steam generators.

## There are two methods:

The binding agent VEIT Lapidon avoids deposits of lime. The lime is removed from the boiler shell during blow-down.

A water softening unit provides the best solution for the reduction of lime. We recommend our Softstar VEIT 3307.



## The binding agent VEIT Lapidon

The lime contained in the water may be deposited in the boiler and on the heating elements and will cause breakdowns. We therefore recommend the use of the binding agent VEIT Lapidon if the water hardness exceeds 5°dH (German hardness). The binding agent prevents deposits of lime. The lime will be removed from the boiler during blow-down.



## Water softening with Softstar VEIT 3307

If the tap water has more than 5°dH (German hardness), the installation of the water softening unit Softstar VEIT 3307 is recommended.

We are pleased to offer our consultation with critical water qualities (chlorine, iron, salt, etc.) and will submit an individual quotation.

This helps to ensure a longer working life for the steam generators, avoids malfunctions and saves energy. The regeneration control enables automatic operation.

## The VEIT test set

VEIT offers a test set to check and control the quality of the tap water. This helps to define the water quality easily, quickly and precisely.



## The VEIT blending valve

The softened water is blended with hard water to allow an economic operation of the water softening. The blending valve helps to adjust to 5°dH (German hardness).

# Technical data

Model	Connections					
	Steam	Water	Condensate	Waste water	Exhaust steam	Working pressure
	inch	inch	inch	inch	inch	bar (adjustable)
<b>VEIT 2331 Compact</b>	3/8"	–	–	–	–	3
<b>VEIT 2365 2.2 kW</b>	3/8"	optional	–	–	–	3.5 – 4.0
<b>VEIT 2365 4.4 kW</b>	2 x 3/8"	optional	–	–	–	3.5 – 4.0
<b>VEIT 2365 6.6 kW</b>	2 x 3/8"	optional	–	–	–	3.5 – 4.0
<b>VEIT 2365 9 kW</b>	2 x 3/8"	optional	–	–	–	5
<b>VEIT 2305 4.5 kW</b>	1/2"	tank 30l	–	–	–	4 (5)
<b>VEIT 2305 6 kW</b>	1/2"	tank 30l	–	–	–	4 (5)
<b>VEIT 2373 13.5 kW</b>	3/4"	1/2" hose clip	1/2"	1/2"	–	5
<b>VEIT 2373 18 kW</b>	3/4"	1/2" hose clip	1/2"	1/2"	–	5
<b>VEIT 2373 24.5 kW</b>	3/4"	1/2" hose clip	1/2"	1/2"	–	5
<b>VEIT 2373 30 kW</b>	3/4"	1/2" hose clip	1/2"	1/2"	–	5
<b>VEIT 2381 40 kW</b>	3/4"	3/8"	1/2"	3/4"	1 1/4"	6 (7)
<b>VEIT 2381 50 kW</b>	3/4"	3/8"	1/2"	3/4"	1 1/4"	6 (7)
<b>VEIT 2381 60 kW</b>	3/4"	3/8"	1/2"	3/4"	1 1/4"	6 (7)

\* other voltages on request

Model	Dimensions					
	Voltage	L x W x H	Weight	Steam output	Steam user	Options
	Volt / Hz/ kW	mm (inches)	kg (lbs)	kg/h (lbs/h)		
<b>VEIT 2331 Compact</b>	230/50-60*/2.2	230(9.1) x 280(11) x 910(35.8)	32 (70.6)	3 (6.1)	1 iron	
<b>VEIT 2365 2.2 kW</b>	230/50-60*/2.2	305(12) x 502(19.8) x 780(30.7)	40 (88.2)	3 (6.1)	1 iron	With solenoid valve and ball valve (e.g. for Detaset)
<b>VEIT 2365 4.4 kW</b>	400/50-60*/4.4	305(12) x 502(19.8) x 780(30.7)	40 (88.2)	6 (13.2)	2 irons	With one ball valve (All- Steam irons/ others)
<b>VEIT 2365 6.6 kW</b>	400/50-60*/6.6	305(12) x 502(19.8) x 780(30.7)	40 (88.2)	9 (19.8)	2 irons	
<b>VEIT 2365 9 kW</b>	400/50-60*/9	305(12) x 502(19.8) x 780(30.7)	40 (88.2)	12 (26.4)	2 All-Steam irons, others	
<b>VEIT 2305 4.5 kW</b>	400/50-60/4.5	540(21.3) x 600(23.6) x 890(35.1)	74 (163.1)	5,8 (12.7)	2 irons	Float tank for direct water connection
<b>VEIT 2305 6 kW</b>	400/50-60/6	540(21.3) x 600(23.6) x 890(35.1)	74 (163.1)	7,8 (17.1)	2 irons	Float tank for direct water connection
<b>VEIT 2373 13.5 kW</b>	400/50/13.5	790(31.1) x 620(24.4) x 1210(47.6)	121 (266.8)	18 (38.6)	Pants Finisher/ irons/ Finisher	
<b>VEIT 2373 18 kW</b>	400/50/18	790(31.1) x 620(24.4) x 1210(47.6)	121 (266.8)	24 (52.9)	Pants Finisher/ irons/ Finisher	
<b>VEIT 2373 24.5 kW</b>	400/50/24.5	790(31.1) x 620(24.4) x 1210(47.6)	121 (266.8)	33 (72.7)	Pants Finisher/ irons/ Finisher	
<b>VEIT 2373 30 kW</b>	400/50/30	790(31.1) x 620(24.4) x 1210(47.6)	121 (266.8)	41 (90.3)	Pants Finisher/ irons/ Finisher	
<b>VEIT 2381 40 kW</b>	400/50/40	1080(42.5) x 780(30.7) x 970(38.2)	340 (749.6)	55 (121.2)	Irons/ Finisher/ Other	Connection set (tandem processing), elevation set 30 cm (4 pieces)
<b>VEIT 2381 50 kW</b>	400/50/50	1080(42.5) x 780(30.7) x 970(38.2)	340 (749.6)	68 (149.9)	Irons/ Finisher/ Up-Steam Table/ Other	Connection set (tandem processing), elevation set 30 cm (4 pieces)
<b>VEIT 2381 60 kW</b>	400/50/60	1080(42.5) x 780(30.7) x 970(38.2)	340 (749.6)	82 (180.7)	Irons/ Finisher/ Up-Steam Table/ Other	Connection set (tandem processing), elevation set 30 cm (4 pieces)



# Accessories

### Float tank for all VEIT 2365 steam generators

Directly connected to the water line. The feed water tank is no longer necessary. Manual refilling is not required. A useful accessory for all VEIT 2365 models.



### Float tank for all VEIT 2305 steam generators

Float tank for direct water connection. Manual refilling is not necessary.



### Support Module for VEIT 2331 Compact 3 (to higher the unit by 250 mm).

Drainage tank can be stored in the support module.

# VEIT Energy Systems – Full Steam ahead

You need a professional power supply? We offer you the best solution: and all from one company. We plan your project, then install and control your entire energy system.

### The VEIT range of products and services

- Consulting
- Planning
- Supply
- Installation
- Start-up
- Training
- After-sales service



### Individual system solutions

We provide a complete system solution individually tailored to suit your needs. We draw up concepts for saving energy and calculate your economic efficiency based on the latest ecological aspects.

We offer support in all matters concerning local authority standards.

When carrying out installations abroad, we take all current national regulations into consideration.

## 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!

### Your local sales agent:

#### VEIT GmbH

Justus-von-Liebig-Str. 15  
D-86899 Landsberg/Lech  
Germany  
Tel. +49 (8191) 479-204  
Fax +49 (8191) 479-199  
E-Mail: [info@veit.de](mailto:info@veit.de)  
[www.veit-group.com](http://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](mailto:info@BRISAY.de)  
[www.BRISAY.com](http://www.BRISAY.com)

#### KANNEGIESSER Garment & Textile Technologies GmbH & Co.

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

