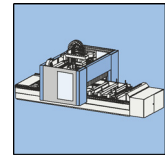


1 Intended use

This processing center processes furniture parts and components made from wood or materials similar to wood.

Features	Values	
Machine weights according to frame length		
3100 mm	Approx.	Kg 3500
4200 mm	Approx.	Kg 4250
6000 mm	Approx.	Kg 4850

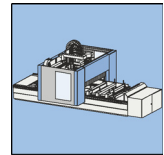




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2 Functions / sequences

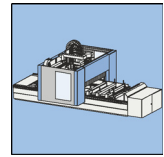
2.1 Transport inspection

- Check the condition of the goods being transported immediately on receipt and check for completeness and damage
- Only remove the packaging and transportation locks prior to assembly
- Dispose of the packaging material in line with the applicable local/regional/statutory regulations
- In the event of externally recognizable instances of transport damage:
 - In the event of damage, inform the manufacturer immediately
 - Do not accept the delivery or only accept it with a documented reserve
 - Outline the extent of the damage on the transport documents and on the delivery note provided by the carrier



Note

Report any defects immediately on receipt of the transported goods. Make claims for compensation due to transport damage within the applicable deadlines.



2.2 Safety information



Danger



Risk of injury

- Observe safety regulations
- See "Safety regulations for production equipment manufactured by HOMAG" in the "Commissioning" chapter of the documentation



Danger



Risk of fatal injury! Risk of injury!

The machine may fall or tip over.
The machine can tip over and fall during transport.

The center of gravity for the load to be lifted is not always in the middle.
The center of gravity of the load to be lifted is very high.

- Always hold load securely to avoid unintended position changes
- No persons are allowed to be underneath suspended loads
- Observe safety regulations
- Select methods of transport according to space considerations
- Only use transport equipment (ropes, shackles, etc.) with adequate load capacity
- Only use transport equipment if it is undamaged



Danger



Risk of injury

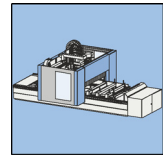
Collisions with the swiveling machine are possible.

When being lifted, a machine that has a center of gravity that is not central can swivel out sharply and cause serious injury to anyone in the vicinity.



- Exit the swivel range of the machine before the raising operation
- Observe the transport instructions and icons on the machine
- Wear protective gear





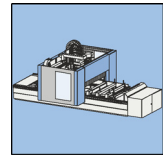
Caution

Damage to the machine

Transporting this machine incorrectly can cause significant damage to the machine.

- Make sure that the machine is transported only by qualified personnel
- The machine must be loaded and unloaded using only a crane
- Adhere to the specified belt lengths precisely
- Only remove the transport locks at the installation location during assembly





2.2.1 Transport symbols

Observe these symbols during transport and storage.

Top

The tips of the arrows indicate the top of the machine.

→ The arrows must point upward, otherwise the contents may be damaged.



Protect against moisture

Protect the machine against moisture and keep it dry.

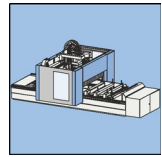


Center of gravity

Indicates the center of gravity of the machine and packages.

Note the center of gravity when lifting and transporting the goods.





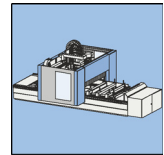
3 Operation



Warning

Risk of injury

- The following tasks and settings may only be performed by trained Service personnel



3.1 Unloading



Note

For transport purposes, the different lengths of the belt ensure that the weight of the machine is distributed.

- Note the belt lengths
- Note the center of gravity



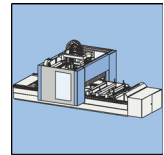
Danger

Risk of serious damage!

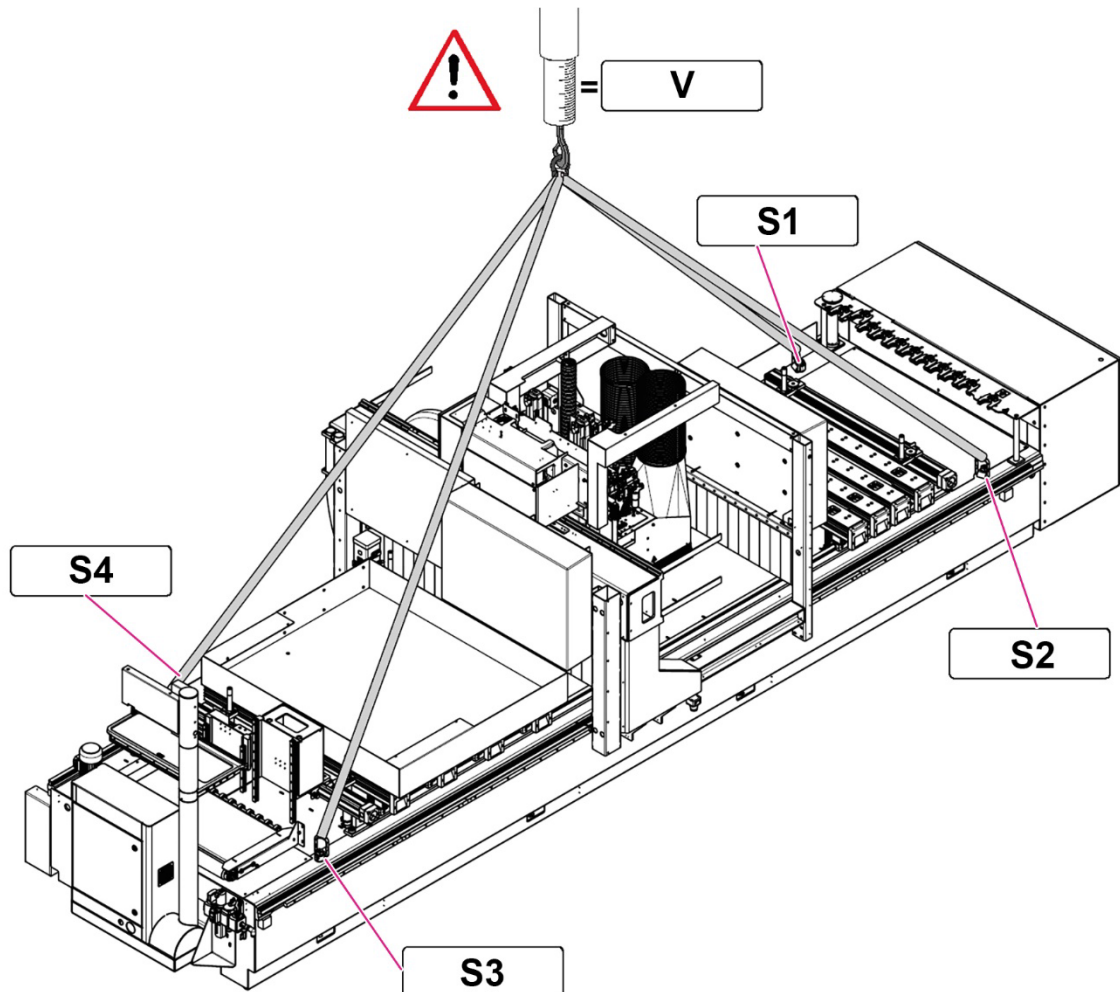
Falling of the package through the use of incorrect or defective implements.

- Do not unload the machine with a forklift truck
- Do not use hooks without a locking mechanism
- Do not use any obviously defective ropes

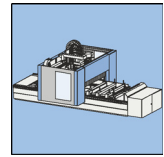




3.1.1 Weights and lengths of the ropes



V=variant	3100	4200	6000
Weight	Approx. 3500 kg	Approx. 4250 kg	Approx. 4850 kg
S1 Length of the rope	3500 mm	3800 mm	4500 mm
S2 Length of the rope	3500 mm	3800 mm	4500 mm
S3 Length of the rope	3500 mm	3800 mm	4500 mm
S4 Length of the rope	3500 mm	3800 mm	4500 mm



3.1.2 Tilt angle of the lifting lines

If the specified lengths for the ropes are adhered to, the maximum permissible tilt angles of the rope strands are not exceeded. Larger tilt angles than those shown lead to extremely high rope tension and are not permitted.

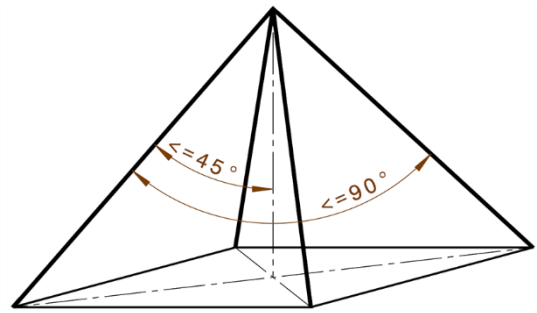


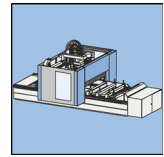
Danger

Risk of fatal injury! Risk of serious damage!

It is possible for the machine to fall.
Incorrect lengths of the ropes will overload the lifting equipment and the stop points.

- Select the correct cable length





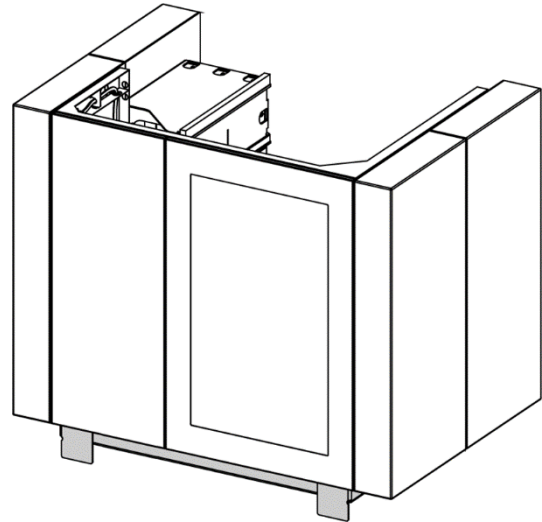
3.2 Transporting the packages

3.2.1 Safety information



Note

- The weight distribution of the separately packaged machine parts varies
- Transport by pallet truck or forklift is permitted for the packages of the enclosure

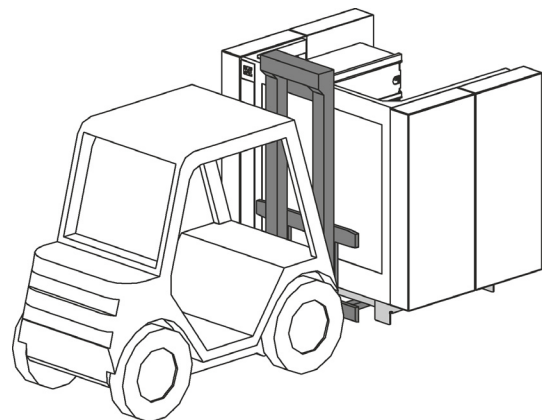
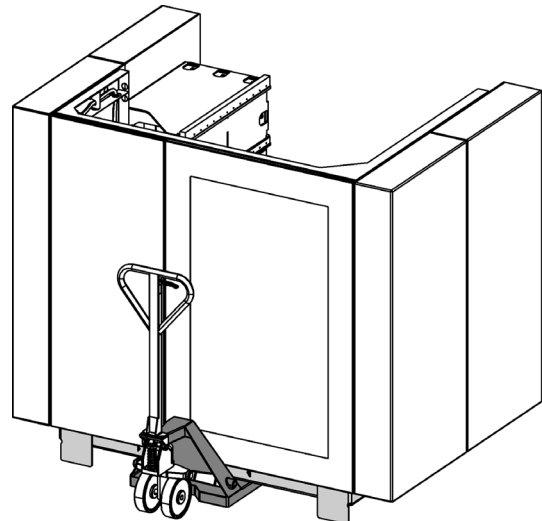


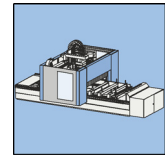
Caution

Machine part tipping

During transport, machine parts can tip due to their center of gravity not being central.

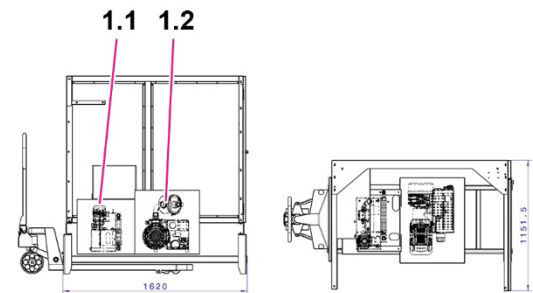
- Position the pallet truck centrally under the package for transport
- Lift the machine part slightly and check the load distribution
- To lift the package evenly, correct the position of the pallet truck if necessary
- Raise the machine part and transport it to the installation location of the machine



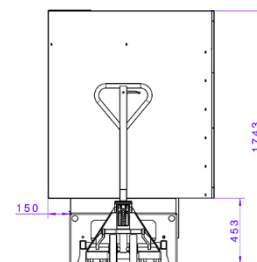
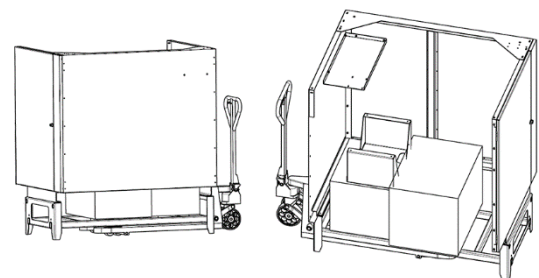


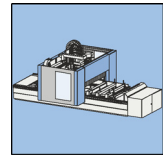
3.2.2 Rear enclosure package

The package includes the rear enclosure, the cooling unit, and the vacuum pump. The position of the transport aid and the dimensions can be found in the adjacent drawings. The weight of this package is approx. 250 kg.



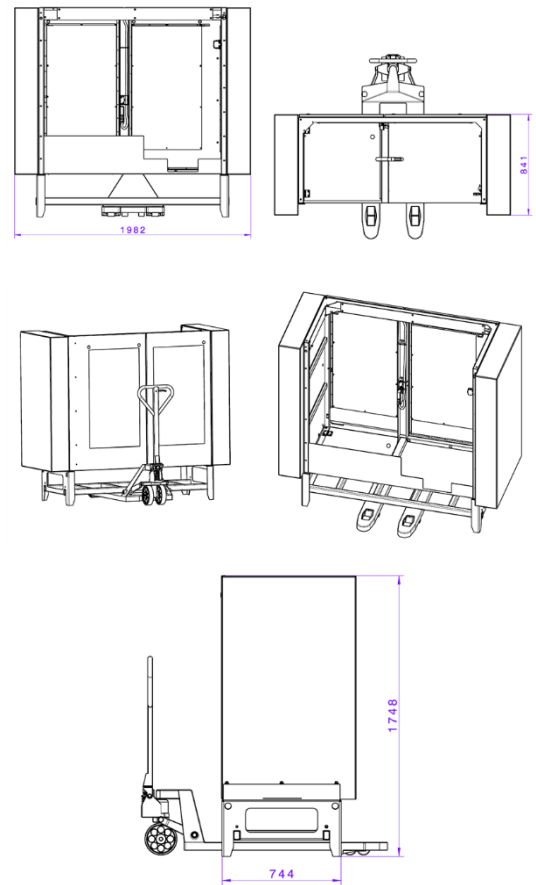
1.1	Cooling unit
1.2	Vacuum pump

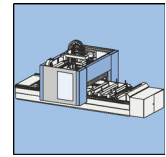




3.2.3 Front enclosure [ackage

The package contains the front enclosure.
The position of the transport aid and the dimensions can be found in the adjacent drawings. The weight of this package is approx. 150 kg.





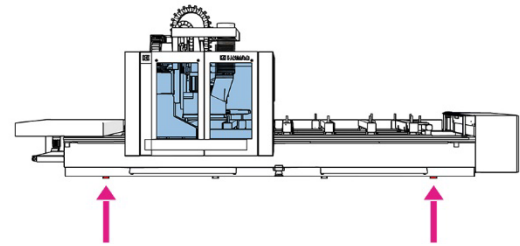
3.2.4 Transporting the machine to the installation location



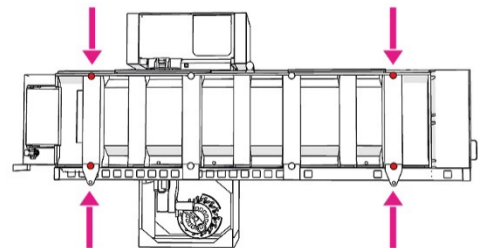
Warning

Risk of injury

- The following tasks and settings may only be performed by trained Service personnel

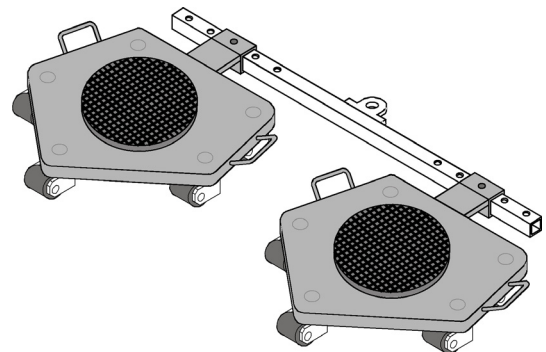


View from front



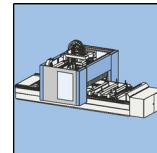
View from below

- To transport the machine within the plant, place it on a transport carriage with heavy-duty rollers
- To do this, use the outer four installation points of the machine
- Position the leveling plates of the machine frame in the center of the heavy duty rollers



Heavy-duty rollers





4 Connection

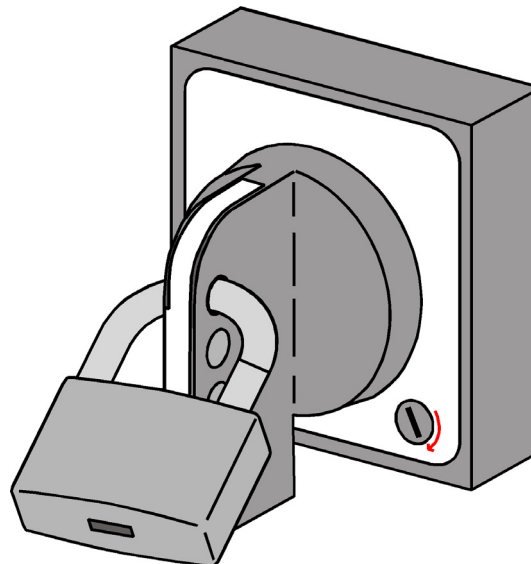
4.1 Electrical connection

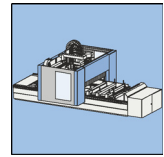


Warning

Risk of injury

- The following tasks and settings may only be performed by trained Service personnel
-
- Switch off main switch before conducting any work on parts that conduct electricity
 - OFF
 - Use a lock to prevent unauthorized switch-on





4.2 Pneumatic connection



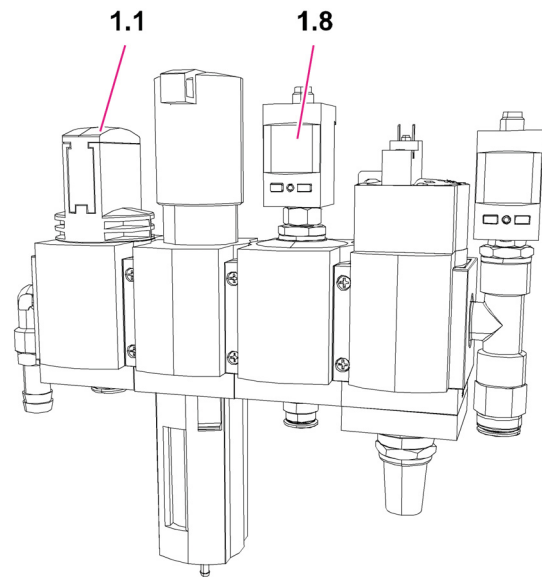
Warning

Risk of injury

- The following tasks and settings may only be performed by trained Service personnel

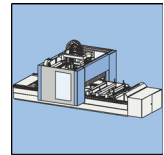
The pneumatic connection is located on the machine bed.

- Open stop valve **1.1**
 - ⇒ Pressure is shown on display **1.8**
 - ⇒ The pressure of 7 bar is reached
 - ⇒ Pressure monitor sends message to the control system
 - ⇒ Pressure OK
 - ⇒ Production equipment now under pressure



1.1	Stop valve
1.8	Display





5 Storage and transport

The goods being transported are packaged securely and in an environmentally friendly manner in line with the transport conditions to be expected. The packaging protects the components against damage and corrosion up until the start of assembly.

- Only remove the packaging and transportation locks prior to assembly
- Dispose of the packaging material in line with the applicable local regulations

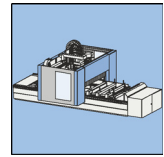


Caution

Risk of injury!

- Secure moving parts with transportation locks before transporting and remove these devices before commissioning

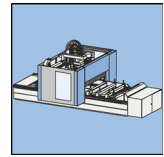




5.1 Instructions for storage

Store the system in a stable manner such that there is no danger of the system falling over or of parts falling off.

Designation	
Interim storage	Max. 1 month
Longer interim storage	If the goods are being stored for longer than one month, the components must be subjected to a new preservation treatment.
Protective measures	<ul style="list-style-type: none"> • Ensure adequate protection against dust and dirt • Do not degrease the basic preservation treatment • Protect all electrical and electronic components against the formation of condensation
Ambient temperature	Do not store below + 5°C to a maximum of 70% humidity



6 Handling packaging materials

- Always dispose of packaging materials in an environmentally friendly manner
- Observe regional and/or applicable statutory regulations; if necessary commission a specialist company to dispose of the materials



Note

Incorrect disposal can cause environmental damage. Packaging materials are valuable raw materials and should continue to be used or treated appropriately and recycled.