



Transport and Unpacking

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1 Symbols and signal words

Symbol / signal word	Meaning
	Draws your attention to the handling and effect of safety information.
 DANGER	Draws your attention to a dangerous situation that <u>will</u> lead to serious injury or death if it is not avoided.
 WARNING	Draws your attention to a dangerous situation that <u>can</u> lead to serious injury or death if it is not avoided.
 CAUTION	Draws your attention to a dangerous situation that can lead to minor or moderate injuries if it is not avoided.
 NOTE!	Draws your attention to possible damage to property and other important information.

Identification on the DC1 Dental Milling System

2 Identification on the DC1 Dental Milling System

	<p>The CE-mark is attached to the rear side of the machine.</p> <p>The DC1 Dental Milling System meets the fundamental safety requirements of all applicable European Union directives.</p>
	<p>Front door</p> <p>Warning of hand injuries</p>
 <p>MASCHINENTYP DC5 Dentalfrässystem (1)</p> <p>SERIENNUMMER DC5050314 (2)</p> <p>BAUJAHR 2014 / 04 (3)</p> <p>GESAMTGEWICHT 680 KG (4)</p> <p>UMGEBUNGSTEMP. 15-30° (5)</p> <p>SPANNUNG / Hz 230V / 50Hz (6)</p> <p>LEISTUNG 1250 W (7)</p> <p>Dental Concept Systems GmbH Buchbrunnenweg 26, D- 89081 Ulm Tel.: 0731 / 9642603-0 Fax: 0731 / 9642603-17 Made in Germany</p>	
<p>The type plate is attached to the rear side of the machine.</p> <p>1 Machine type</p> <p>2 Serial number of the machine</p> <p>3 Date of manufacture (year and month)</p> <p>4 Overall weight in kg</p> <p>5 Ambient temperature (operation) in °C</p> <p>6 Mains power supply</p> <p>7 Power consumption</p>	

3 Delivery, in-plant transport, unpacking

Delivery, in-plant transport and unpacking of the DC1 milling machine may be carried out only by technical personnel using suitable means of transport. It is essential to observe legal regulations for the prevention of accidents.



CAUTION

Heavy loads!

The DC1 Dental Milling System weighs 200 kg with accessories (approx. 240 kg including packaging).

Use only suitable means of transport and lifting equipment to transport the machine. Transport only on the frame!



WARNING

Transport of the machine!

When lifting, swivelling and lowering, there is a danger of injury due to parts falling down. The machine can be damaged or destroyed by improper transport.

Therefore, as a matter of principle, observe the following safety instructions:

- Use only approved lifting equipment and attachment devices with a sufficient load-bearing capacity.
- Fasten the machine only by the attachment points provided, not by protruding machine parts or by the lifting eyes of attached components. Make sure the attachment devices are firmly seated!
- Ropes and straps must be equipped with safety hooks. Do not use torn ropes or ropes with chafe marks. Do not place ropes and straps against sharp edges, do not knot them and do not twist them. When rigging, observe the centre of gravity of the machine.
- Never lift, swivel or lower loads above people.
- Always move the machine with the greatest of care and caution.

The DC1 milling machine may only be transported by qualified and authorised technical personnel.

**DANGER****Suspended loads!**

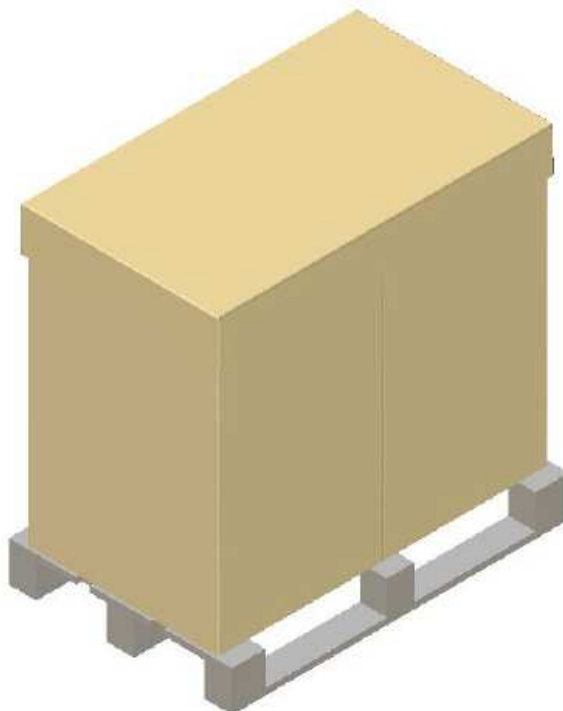
Suspended loads can fall down and lead to serious injuries.

Do not walk under suspended loads when transporting using lifting equipment!

3.1 Delivery, in-plant transport

3.1.1 Dimensions and weight in the packed condition

- DC1 Dental Milling System packaging unit
The DC1 Dental Milling System is delivered standing upright on a pallet in special packaging.



- Dimensions (W x D x H): approx. 1200 mm x 800 mm x 1250 mm*
 - Weight: approx. 200 kg*
- *DC1 only.

Delivery, in-plant transport, unpacking

3.1.2 Delivery

The shipment is delivered by a transport company and unloaded at the customer's site.

(1) Inspect the unloaded shipment immediately for transport damage (defective packaging, visible damage).

If the shipment is damaged:

- Document the damage and report it to the transport company.
- Report damage immediately in writing to Dental Concept Systems GmbH.

(2) Check the shock detectors (TiltWatch, ShockWatch).

If you detect any shock event:

- Document any detection of a shock and report it to the transport company.
- Report damage immediately in writing to Dental Concept Systems GmbH

(3) Transport the shipment to the place of installation using a fork-lift truck or pallet truck.



**WARNING****Transport of the machine!**

The packaged machine standing on a pallet has a high centre of gravity!

During transport there is a danger of injury due to the machine tipping over!

During transport, be sure to use suitable transport locks (lashing straps) and raise the packed machine as little as possible.

**NOTE!**

Depending on the location of the place of installation, the milling machine must first be unpacked.

The unpacked machine is fitted with two slots for forks (pallet truck or fork-lift truck) at a height of approx 45 mm or 950 mm above floor level.

In addition there are fastening eyes on the top side of the machine for lifting the DC1 with a crane.

See section 3.1.3 'Unpacking' and section 3.1.4 'In-plant transport'.

**DANGER****Suspended loads!**

Particular caution is required when lifting the DC1.

Suspended loads can fall down and lead to serious injuries.

Do not walk under suspended loads when transporting using lifting equipment!

3.1.3 Unpacking

(1) Unpack the shipment. Proceed as follows:

- Remove the lashing straps from around the pallet and lid:



- Remove the lid on the top side



Delivery, in-plant transport, unpacking

- Remove the wooden planks on the top and the sides:



Delivery, in-plant transport, unpacking

- Remove the complete side wall:



- Remove the supporting rods (will be needed later):



Delivery, in-plant transport, unpacking

- Remove all other parts like the foam cover, computer, monitor, etc.:

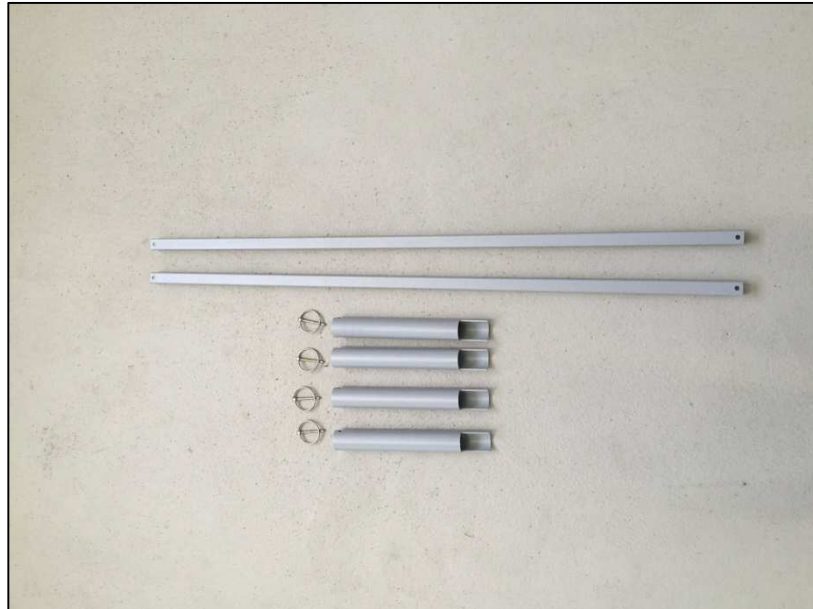


- Remove the yellow plastic foil:



Delivery, in-plant transport, unpacking

- Now put the supporting rods into the rectangular holes at the bottom of the DC1. The supporting rods are used to lift the DC1 from the pallet:

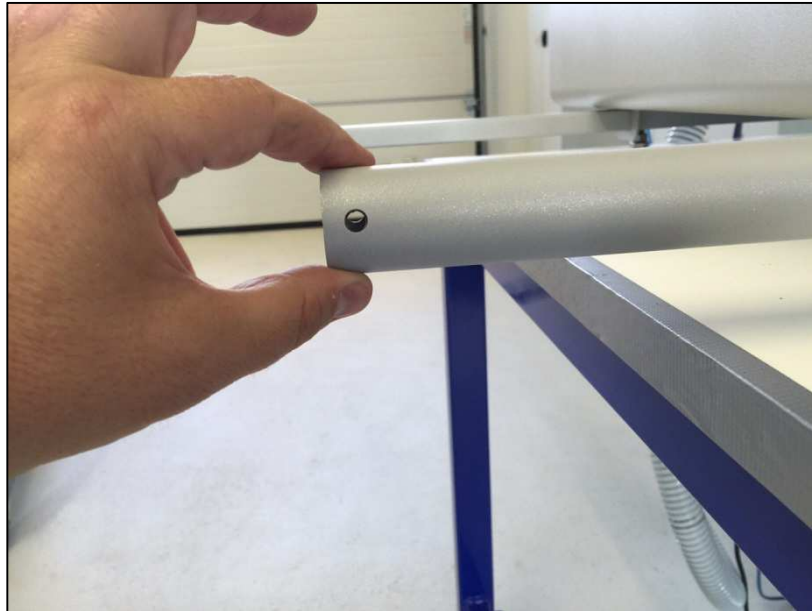


- Put the long part of the supporting rod into the rectangular holes on the front and the back side of the DC1. There are two holes on each side:



Delivery, in-plant transport, unpacking

- Push the short parts of the supporting rods over the longer parts which are already placed in the rectangular holes:



- Use the safety splints to lock the supporting rods:



Delivery, in-plant transport, unpacking



DANGER

Unsafe transport! Heavy load!

Always use the safety splints to lock the supporting rods!

Unsaved rods can accidentally fall out and the DC1 can fall down and lead to serious injuries.



CAUTION

Unsafe transport! Heavy load!

The supporting rods are used to lift the DC1 from the pallet onto a table.

For longer distances it is essential to use a suitable lifting tool (e.g. pallet truck or fork-lift truck).

Always use the safety splints to lock the supporting rods!

Unsaved rods can accidentally fall out and the DC1 can fall down and lead to serious injuries.



WARNING

Danger of tipping over!

Always raise the machine as little as possible due to its high centre of gravity.

There is a danger of serious injuries if the machine tips over!

DC1 must be handled and lifted by specialized movers who are trained to handle and carry heavy loads with a high center of gravity!

- Place the DC1 on a table.



WARNING

Heavy load!

The DC1 must be placed on a table which is able to carry the load of the DC1.

Weak constructions can break and the DC1 can fall down.

3.1.4 In-plant transport and transport plan

The DC1 Dental Milling System is delivered on a EURO pallet.

Use a pallet truck or fork-lift truck to move the DC1.



If possible unpack the machine at place where it shall be used. If this is not possible unpack the machine as described in chapter 3.1.3 “Unpacking” until the DC1 itself is left and carry the machine on the pallet to the final destination.

Delivery, in-plant transport, unpacking



CAUTION

Unsafe transport!

For longer distances, or if the floor is uneven, it is essential to use a suitable lifting tool (e.g. pallet truck or fork-lift truck).



WARNING

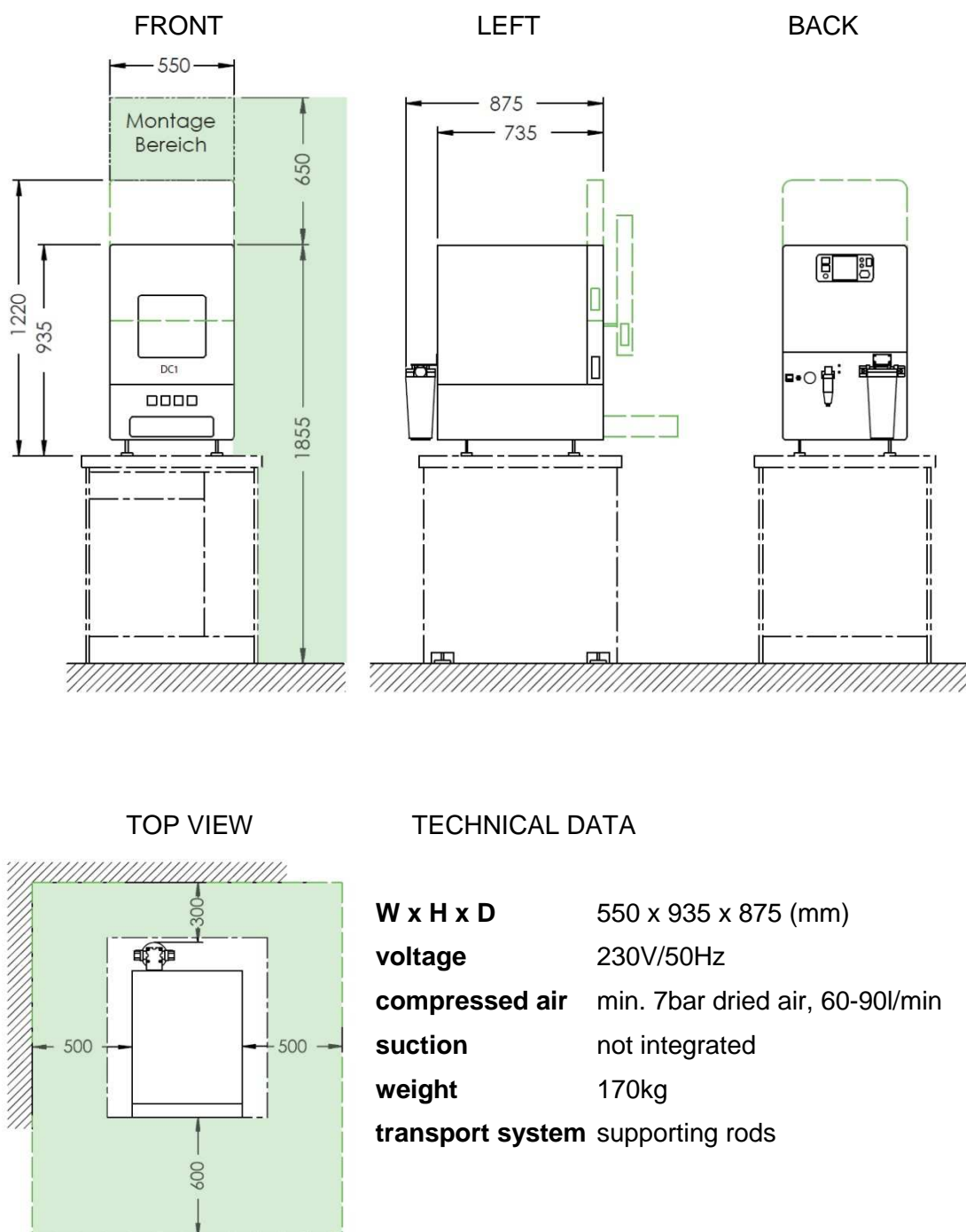
Danger of tipping over!

Always raise the machine as little as possible due to its high centre of gravity.

There is a danger of serious injuries if the machine tips over!

When transporting with a fork-lift truck, use the upper receptacles for the forks if possible!

4 Floor plan and technical data



5 Storing the Packaging

Don't dispose the packaging material. It's might be necessary in any case of shipping.
You can store the packaging as described below.

