

**General hints:**

**A. Surfacing requirements**

Firm surface with adequate drainage (no sand, no gravel).  
This element does not reach the free height of fall limit of 600 mm above which a specific requirement for impact absorbing surfacing or materials is necessary.

**B. Maintenance instructions are supplied.**

During the frost period the pump and the water container must be disassembled.

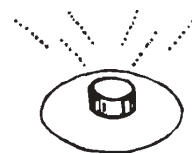
**Special information:**

Tested by TÜV Product Service GmbH.

Please do not alter any parts of the equipment or the construction itself since this may affect the safety standards and your guarantee.

We reserve the right to make technical alterations!  
For further information please call your local agent.

**Water Jet**  
Order no. 5.25000



**Data for shipment:**

Number of parts: 2

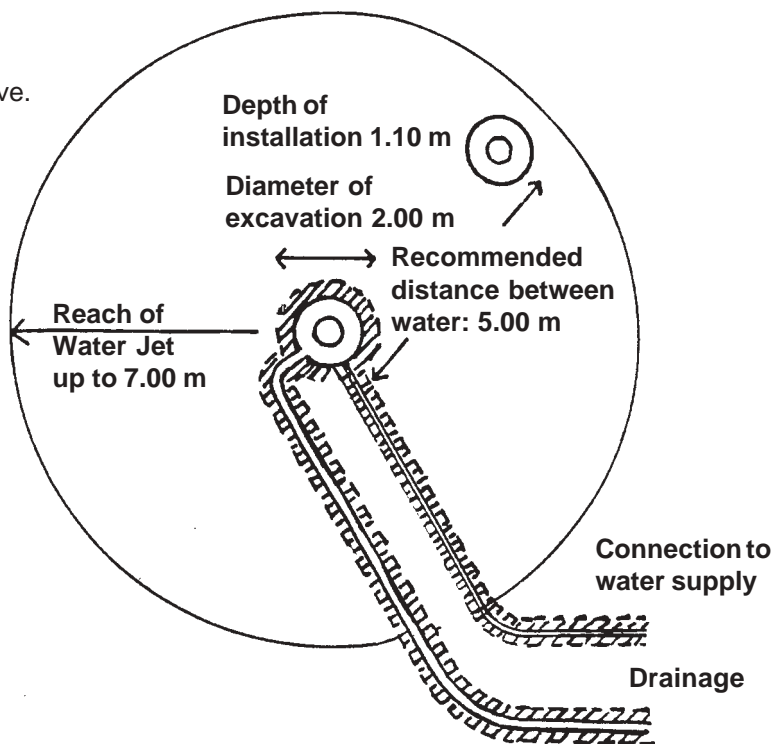
- 1 water jet installed in a concrete well
- 1 winter lid

Total weight: 900 kg  
Largest single part: 700 kg  
Diameter of well 1.00 m, height 1.10 m

**Technical information**

1. Clean the connecting pipe to the water supply according to DIN 1988.
2. Floating valve rated up to 6 bar pressure, if required install a pressure reduction valve.
3. Water consumption up to 10 litre/min during heavy operation.

**Sketch**  
Ground relief -  
depth of installation



**Assembly:**

The equipment is already assembled and weighs about 900 kg. Usually the water jet can be readily installed. At the outside of the well 3 lifting eye nuts are fitted to hoist the equipment using chains or ropes.

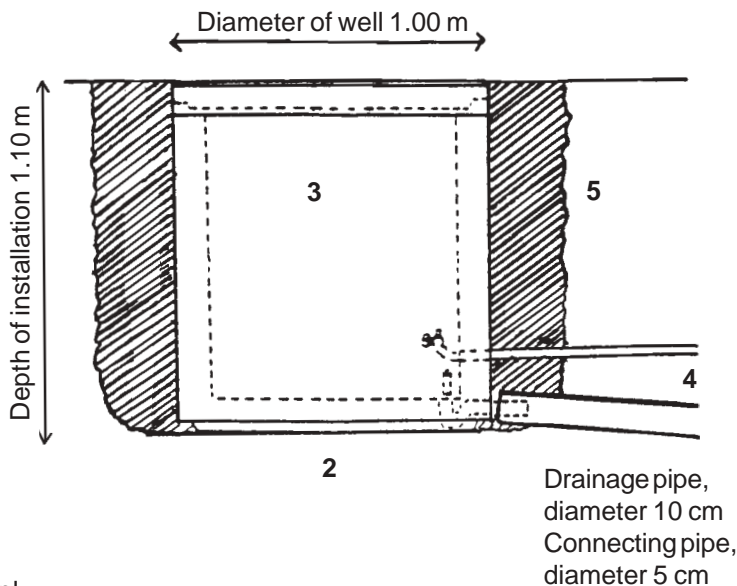
**Recommended assembly aids:**

Excavator or crane for lifting the water jet  
set of plumber's tools for water installation

Sequence of assembly operations for the concrete well:

1. Locate the site and take into account the space required, including the operational space.
  
2. Dig out the hole for the well and the ditch for the connecting pipe. Level and tamp the bottom of the well.
  
3. Insert the concrete well exactly vertical. Betonschacht senkrecht einsetzen. The top edge of the stainless steel rim must be exactly level to the adjacent ground.

**Sectional view  
Water Jet - installed in well**



4. Install the connection to the water supply and the drainage.
  
5. Refill around the well using frost-proof gravel. Lay the connecting pipe and the drainage pipe on a bed of sand. During tamping take care not to move the equipment.

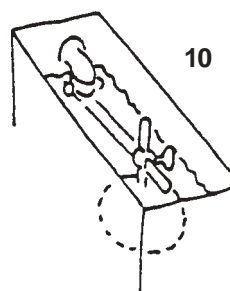
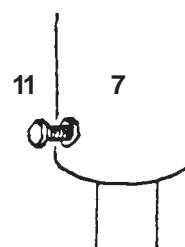
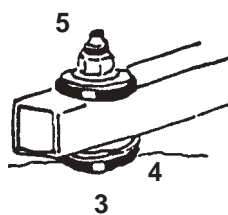
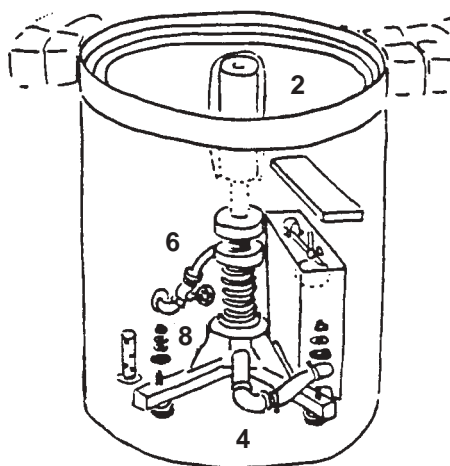
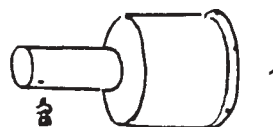
**Assembly of the Water Jet in the already installed concrete well:**

**Recommended assembly aids:**

- 13/19 mm nuts with extension
- 1 small pipe wrench
- spanner 10 mm, 27 mm
- 2 m wire, diameter 2 mm
- timber beam 8 x 8 cm, 2 m long

Sequence of assembly operations for the Water Jet:

1. The standing platform can be pulled off the piston during installing the water jet. Ensure that both the piston and the cylinder are not contaminated with sand or dirt. These parts are lubricated with special grease. Refrain from further lubrication if fine sand is present on the playground.
2. Until the standing plate is inserted again, cover the piston with plastic foil to prevent contamination and removal of the fine layer of grease.
3. Push the shock absorbers onto the anchoring bolts.
4. The support is fitted according to the marks (Check the distance between the piston and the wall of the well + / - 0.5 cm, adjust by inserting washers).
5. Position the upper shock absorbers and the large washers, screw on with self-locking nuts (19 mm) as well as the water container (13 mm).
6. Connect the pipe fittings. Loosen one pipe clip on the large pipe and shift during tightening.
7. Remove the plastic foil and insert the standing plate.
8. Open the connection to the water mains.
9. Try out the Water Jet.
10. Adjust the floating valve according to the local water pressure. Should the water pressure be too high install a pressure reduction valve.

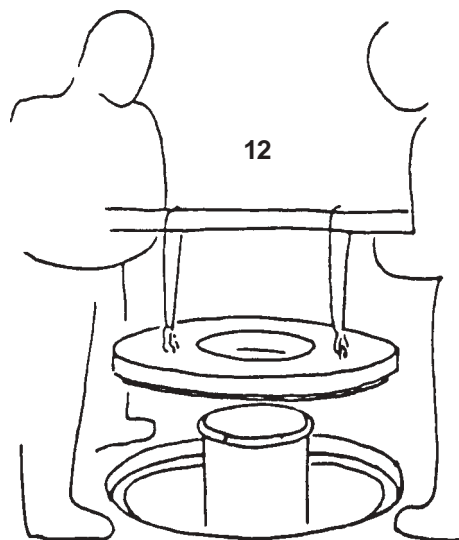


12. Position the lid with the central hole onto the well such that the standing plate is not damaged. Use the timber beam and 2 wire loops. For this job 2 workers are required.

13. Shift the lid such that there is a gap of approximately 1.5 cm around the standing plate.

14. Repair minor damages caused during assembly or transportation.

15. Please ensure that all assembly aids, e. g. excess bolts, assembly instructions, distance battens or tape are removed entirely from the play equipment and the playground after work is finished.



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**Please note that after about 6 weeks all screws and bolts need to be checked and, if necessary, retightened.**