

**Play value**

Our system of wooden water gutters consists of 10 elements of different shapes and functions which can be combined to individual water play installations. The gutters have different movable shutters, are installed with inclination or horizontal. They allow for interesting water play activities which are particularly attractive for children. The gutters - some of them are as wide as tables - can be used for playing with mud and distributing water. The feet have overlength, therefore it can be cut at different levels on the construction side. By this it is possible to take into account special requirements, e.g. of wheelchair bound children. This system of water gutters can be combined with different water wheels and Archimedes Screws.



Photo © Anton Donikov



Order No. 5.10203 Channel with wedge seal  
Photo © Anton Donikov



Photo © Monica Bedmar



Photo © Anton Donikov

**Water play elements made of wood**

**Fundamental characteristics**

- Child proportions according to ergonomic requirements
- Use of natural wood which is appealing to the senses; the beautiful structure of the wood gets more and more visible by use
- Incentive for playing: wood, sand, water
- Movement: motor activities

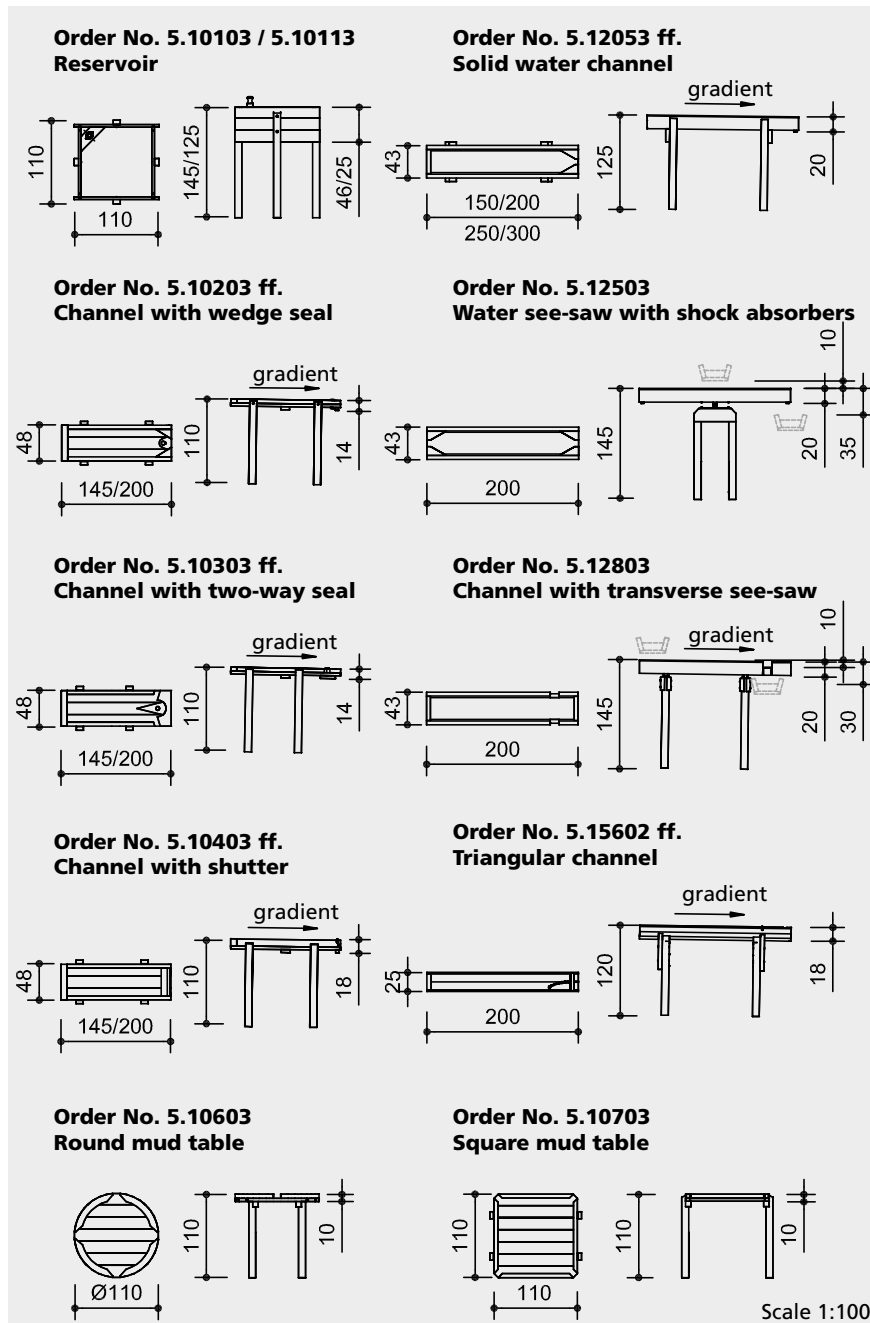
**Recommended for**

- Kindergarten children
- Supervised play areas, such as kindergartens, schools, after-school programmes or similar
- Public play areas without supervision, such as playground, parks or similar
- Water play areas without supervision

**Barrier-free**

- Independent play





Safety check according to DIN EN 1176

**Components**

1 Element each,  
with the corresponding number of  
support posts each with steel feet

**Installation information**

Surfacing requirements  
no fall height according to standard,  
staircase-like constructions may make  
necessary an examination of the fall  
height

Recommendation: sand with drainage or  
paving stone with gully; for playing with  
„mud“, sand is required.

Required space according to overall  
installation.  
Foundations according to overall installa-  
tion, excavation depth 70 cm each

**Attention:**  
**Exact measurements may vary;**  
**for all installation dimensions refer**  
**to current assembly instructions.**  
Technical changes reserved.



5.10103 - 5.15602

**Technical information**

Equipment made of non-impregnated  
mountain larch

**Core-free**  
Sawn-timbers core-free, thus decreasing  
occurrences of cracking and undesired  
changes in shape



**Tongue and groove**  
Tongue and groove planks made of  
4 cm solid wood, highly resilient, no  
trickling of dust / sand, protection  
against direct rain



**Ground anchor**  
All parts used for anchoring to the  
ground are made of hot-dip galvanised  
steel or stainless steel



**Order No. 5.10103 / 5.10113**

**Plywood**  
Plywood made of mountain larch,  
three-layer (3 cm) or five-layer (4 cm).  
High dimensional stability,  
waterproof, glued according to  
DIN EN 13353:2011



**For more detailed explanation of the  
quality characteristics see price list.**

**Order No 5.10103 / 5.12053 ff. /  
5.10303 ff. / 5.10403 ff. / 5.15602 ff.**  
Sealed with microcellular rubber

**Order No 5.12053 / 5.12503 / 5.12803**  
Floor plates 10 / 30 cm

**Dimensions** (See sketches)  
(small deviations possible)

Weight 30 - 90 kg

**Planning information**

Equipment marked with a pointing arrow  
needs to be installed with a gradient of  
approx. 2% (= 2 cm on 1 m). This means  
that for planning not only the height  
of the equipment but also the gradient  
needs to be taken into consideration.

The lengths of the support posts must  
be checked for the planned installation  
heights. The required lengths of the  
support posts need to be calculated by  
the customer taking into consideration  
the installation depth (depending on the  
surface) and the intended height (above  
ground).

If several elements are installed in a line,  
this might make necessary a correspon-  
ding modelling of the ground.

**Play value**

Playing with mud, shaping and building with sand, earth and water is a fundamental human requirement, which even adults find difficult to suppress sometimes. With different types of water play equipment, children can gain insights into different functions and learn physical laws while playing. Troughs, water see-saws and mud tables ensure intense mud play which children often participate in together.



Order No. 5.15602 Triangular channel



Order No. 5.10603 Round mud table, Photo © Daniel Perales



Order No. 5.10603 Round mud table



Photo © Phil Wilkinson






**Water play elements made of wood**



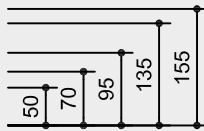
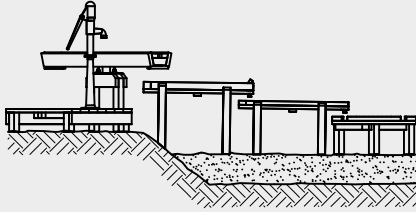
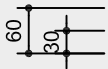
5.10103 - 5.15602

**Water play elements made of wood**

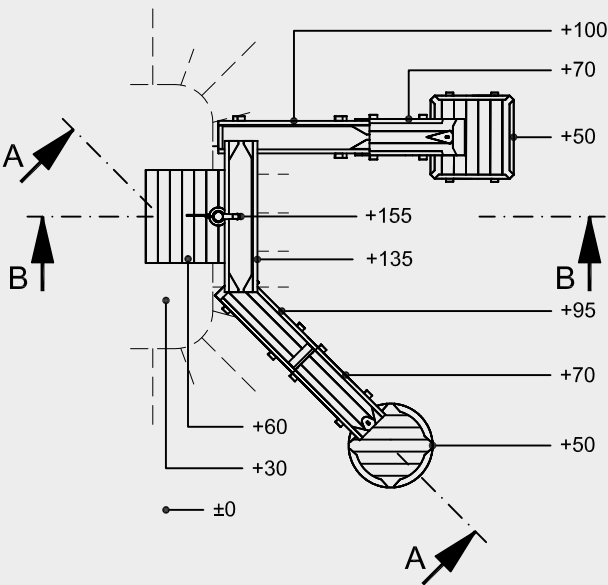
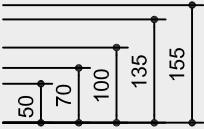
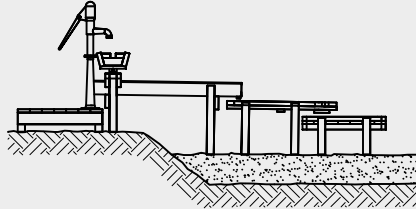
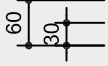
Planning Example

Safety distance   
 Device dimensions   
 Functional distance 

**Sectional drawing A**



**Sectional drawing B**



Scale 1:100

\* The minimum height difference is the required distance between one element to the next. For see-saws the indicated measurements need to be kept to.

**Order No. 5.10103 / 5.10113**

Is usually allocated to pump, with bung for sealing;  
 Height difference  
 50 cm \* / 30 cm



**Order No. 5.10203**

Can be used as water play table;  
 Height difference  
 17 cm \*



**Order No. 5.10303**

Can be used as water play table and as distributor channel;  
 Height difference  
 17 cm \*



**Order No. 5.10403**

Can be used as water play table;  
 Height difference 21 cm \*



**Order No. 5.10603**

Is mostly used as final element of a water way,  
 4 outlets;  
 Height difference 18 cm \*



**Order No. 5.10703**

Is mostly used as final element of a water way,  
 4 outlets;  
 Height difference 18 cm \*



**Order No. 5.12053**

Basic element of this equipment group available up to 3 m length;  
 Height difference 25 to 28 cm \*



**Order No. 5.12503**

Two-way distributor with sturdy, buffered mechanism;  
 Height difference 65 cm\* to bottom, 15 cm \* to top (see side view)



**Order No. 5.12803**

Transverse distributor on rubber buffers;  
 Height difference 30 cm\* to bottom, 10 cm \* to top (see side view)



**Order No. 5.15602**

Standard length 2.00 m, but can also be delivered shorter;  
 Height difference 24 cm \*



5.10103 - 5.15602