

Play value

Real ships are curved, and if they are as modern as the "Sand" model from our series of state-of-the-art working ships, then they are also made of steel. Real sailors, dockers, navy officers and, of course, the coxswain work hand in hand on this ship. They perform all the steps necessary to ensure that the ship can soon set off on its next trip. But before this, the shipment must be unloaded and reloaded using the cargo gear. Set in a harbour landscape with footbridges and piers, the metal ship named "Sand" is not only an eye-catcher but also a meeting point and place for role-playing.



Access options: e.g. Inclined Ramp, Inclined Climbing Net



This photo shows an old version of the Metal Ship „Sand“. New version consists of 2 halves.



Fundamental characteristics

- Unique and original
- Eye-catcher
- Coloured design
- High-quality design
- Incentive for playing: role-playing games

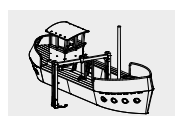
Recommended for

- School children
- Public play areas without supervision, such as playgrounds, parks or similar

Planning information

Accesses are not included in the components. They must be planned as not easily accessible e. g. Rope Bridge, Chain Path, Climbing Trunk etc.

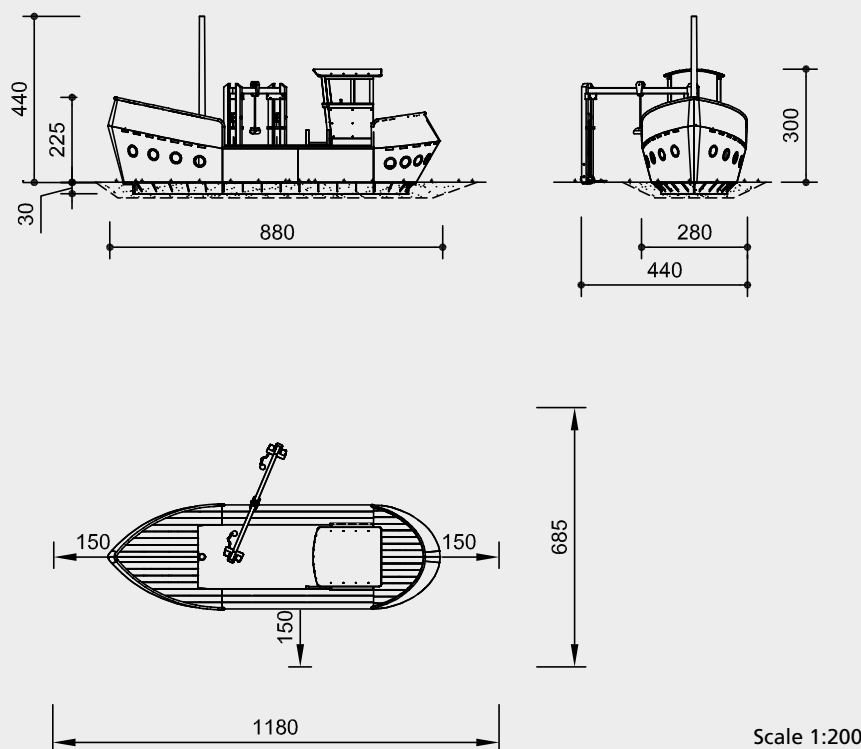
Metal Ship "Sand"



8.01100

Order No. 8.01100
Metal Ship "Sand"
 with Sand Transport System

Safety distance →
 Device dimensions —●—
 Functional distance —|—



Safety check according to DIN EN 1176

Components

- 1 Ship, with:
 - 2 Halves of the Metal ship
 - 1 Wheelhouse
 - 1 Ladder inside
 - 1 Mast
 - 1 Table
- 3 Stools with foundation irons
- 1 Sand Transport System as cargo gear, with:
 - 2 Support frames with steel feet and 1 sand hoist each and 1 shovel with chain
 - 1 Transport rail with sand container

Installation information

Surfacing requirements corresponding to a fall height of ≤ 1.50 m (please refer to price list for more detailed information)
 Play sand or pea gravel is required for correct functioning.

Foundations

Ship

No foundations are required for the ship. The sheet metal of the hull will reach 30 cm into the ground. A ballast bed is to be built in the area of the hull. The ship hull has no bottom. It must be filled with a layer of sand or pea gravel of approx. 30 cm.

Mast

1 item 60 x 60 x 60 cm
 Excavation depth 80 cm

Table

1 item 60 x 60 x 40 cm
 Excavation depth 60 cm

Sand Transport System

2 items 80 x 60 x 50 cm
 Excavation depth 70 cm

Attention:

**Exact measurements may vary;
 for all installation dimensions refer
 to current assembly instructions.**

Technical changes reserved.

Technical information

Deck, mast, wheelhouse finishing, sand transport system, ladder, table and stool made of mountain larch

Bevel cut

Vertical stand posts with bevelled end grain section as constructive wood preservation measure



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



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



Profiled washer

Profiled washer for covering protruding screw heads according to standard, improved pressure distribution and protection against water. Impedes loosening the bolt



Adjustable

Adjustable two-piece bolt connection, easy to maintain, no projecting threads



Ground anchor

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



Chains

Chains made of hot-dip galvanized steel (1.4301 / 1.4571 at extra charge) welded before galvanising, short-linked, without eyelets on the connecting parts, easy to exchange and shorten



Roller bearings

High-quality roller bearings made of chrome steel or stainless steel for rotating elements, easy to maintain and exchange, sealed



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

Ship made of 4 mm bent sheet metal, primed and painted in two colours, all edges in the play area have a sufficiently large radius

Sand container of textile-reinforced rubber belt, 8 mm thick

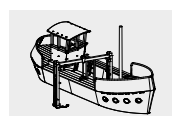
Ship's bell made of brass

Dimensions

(small deviations possible)

Height	4.40 m
Height of wheelhouse	3.00 m
Height of bow	2.25 m
Length	8.80 m
Width of ship	2.80 m
Width, overall	4.40 m
Total weight	4000 kg

Transport in split version in truck semi-trailer, alternatively as one unit with low loader.



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