

Play value

The equipment becomes a real whirlwind when the disc turns down after having been wound up by the ropes. The return force is dependent on the winding force. Elder children achieve a considerable effect due to their physical strength, younger children can turn around gently depending on their skills. The most courageous ones can hold on to the metal ring and fly around the mast in carousel fashion. Communication and cooperation deepen the play experience.



Photo © Landplan



Fundamental characteristics

- Unique and original
- A freewheel mechanism with a ratchet-type lock allows the energy generated by the winding motion to be stored and provides great fun when unwinding in the opposite direction.
- Incentive for playing: suspended disc, grip ring
- Movement: physical effort, rotating

Recommended for

- School children
- Young people
- Public play areas without supervision, such as kindergartens, schools, after-school programmes or similar
- Swimming pools without supervision, such as outdoor pools, adventure pools or similar

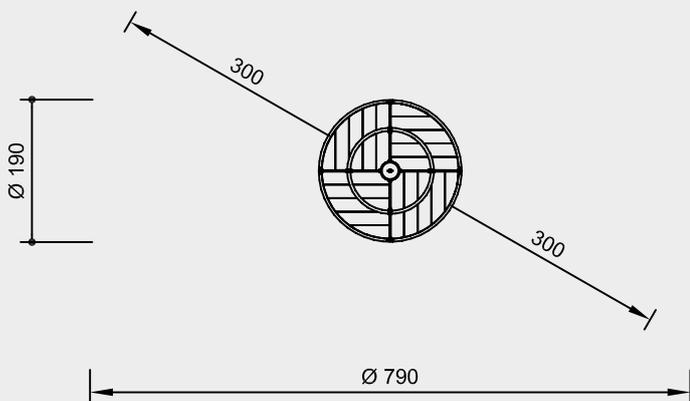
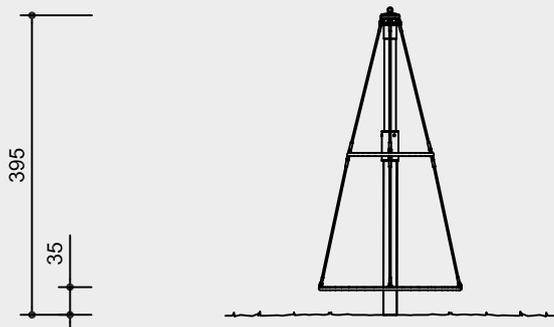
Whirlwind



6.10500

Order No. 6.10500 Whirlwind

Safety distance 
 Device dimensions 
 Functional distance 



Scale 1:100

Safety check according to DIN EN 1176

Components

- 1 Mast with rotating floor and 8 ropes
- 1 Foundation frame

Installation information

Surfacing requirements corresponding to a fall height of ≤ 1.00 m
 Recommendation: fall height of ≤ 1.50 m
 (please refer to price list for more detailed information)

Foundations
 1 item 120 x 120 x 50 cm
 Excavation depth 80 cm to be steel-reinforced on site (not included)

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

Technical information

Total construction made of hot-dip galvanised steel

Core-free

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



Richter Hercules type rope

Richter Hercules type rope, a combination of galvanised six-strand steel cables and polyester yarn, diameter > 20 mm, laid and glued with very good abrasion resistance, strong sheathing even in the case of damage by puncturing



Aluminium rope pressing

Aluminium rope pressing, cylindrically pressed, with rounded ends



Universal joint

Drop-forged, hot-dip galvanised universal joint, consists of two sintered bushes, for free swinging in any direction



Sintered bush

For all reciprocating movements we use sintered plain bearings which are self-lubricating in use and can easily be exchanged if necessary



Ground anchor

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



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.

Hot-dip galvanised steel construction

Floor surfacing made of non-impregnated mountain larch, 40 mm

Pivoted mast top with freewheel mechanism ensuring that the ropes can wind up in only one direction

Foundation frame made of steel

Dimensions

(small deviations possible)

Height	3.95 m
Diameter	1.90 m
Mast tube	140 x 8 mm
Weight	420 kg

