



Photo © Daniel Perales



Photo © Daniel Perales

Play value

Those playing on the Forest Fountain system can experience a wide range of spatial and sensory effects of the medium water as a result of their own physical activities. The height of the masts and length of the pipelines enables the water to achieve the greatest possible spraying effect, while the jets and rotors create different, continuously changing shapes and structures. The contrast, created by the strictly geometrical masts and pumps, contributes to the aesthetics of the overall design.

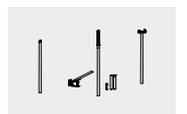
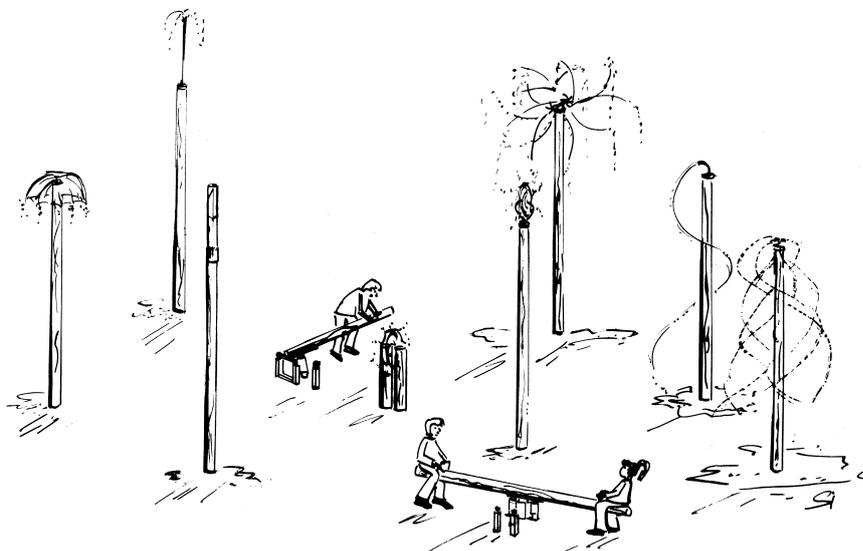
Recommended for

- School children
- 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



Photo © Daniel Perales

Forest Fountain



5.27001 - 5.27537



Order No. 5.27035 Horizontal Star Rotor, Photo © Paul Upward

Rotors and jets

Order No. 5.27030 / 5.27530
Low Collision Disc
 Spraying area 2 m, width 0.50 m

Order No. 5.27031 / 5.27531
High Collision Disc
 Spraying area 4 m, width 1 m

Order No. 5.27032 / 5.27532
Vertical Jet
 Spraying height up to 10 m, radius 2 m

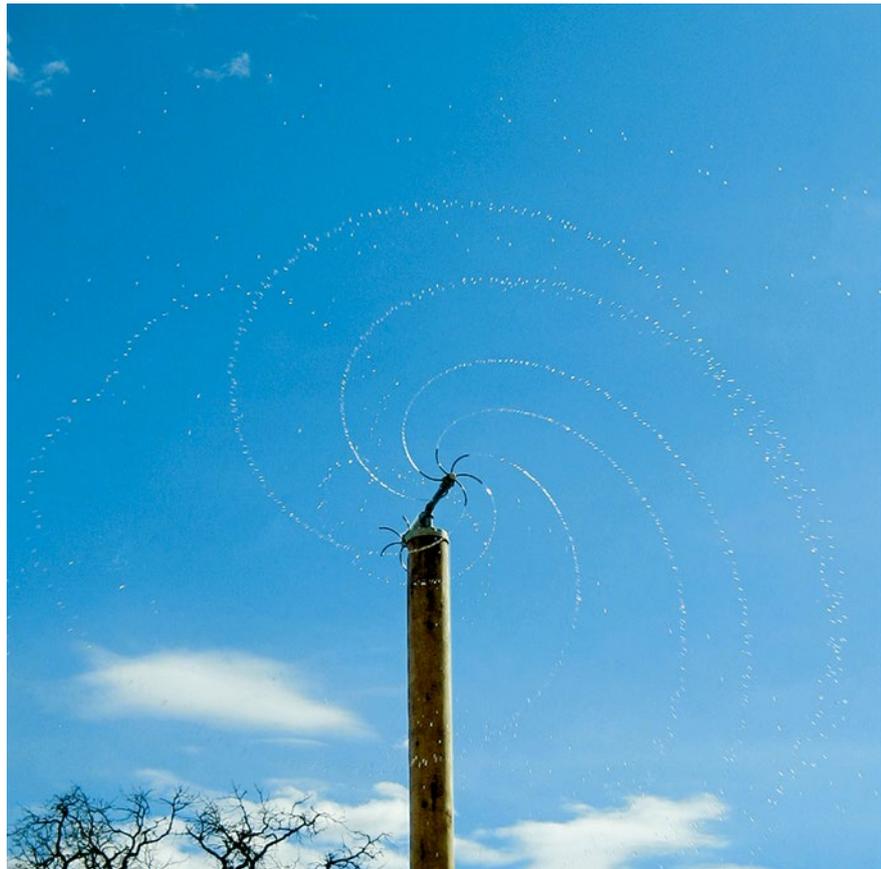
Order No. 5.27033 / 5.27533
Spiral Rotor
 Spraying area radius 2.5 m

Order No. 5.27034 / 5.27534
Vertical Star Rotor
 Spraying area 14 m, width 1.50 m

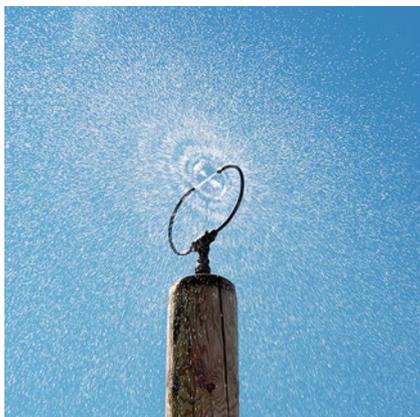
Order No. 5.27035 / 5.27535
Horizontal Star Rotor
 Spraying length Ø 10 m, radius 5 m
 (reducible)

Order No. 5.27036 / 5.27536
Umbrella Jet
 Spraying area radius 3 m

Order No. 5.27037 / 5.27537
Reservoir
 Water Umbrella
 Spraying area radius 2 m



Order No.. 5.27034 Vertical Star Rotor



Order No. 5.27031 High Collision Disc



5.27035 / 5.27535



5.27036 / 5.27536



5.27037 / 5.27537



5.27030 / 5.27530



5.27031 / 5.27531



5.27032 / 5.27532



5.27033 / 5.27533



5.27034 / 5.27534

Technical information / Components

Pumps

Order No. 5.27010 / 5.27015 / 5.27016

Long Handle Pump with valve

One Pump cylinder with stainless steel mechanism on concrete well, Ø 110 cm, depth of installation approx. 60 cm, pump swipec of ash wood Ø 9 cm, length 2.30 m, weight approx. 900 kg, depending on type of distribution station (single or double), 3-way valve with pan bar handle and direction arrow, made of stainless steel / plastic, height 40 cm. Connection to main water 2.5 - 6 bar, connection thread 1 inch inside, compression proof diameter 1 inch, water requirement approx. 15 l/min

Order No. 5.27110 / 5.27115 / 5.27116

Long Handle Pump with water reservoir

As above, but in addition connection to main water max. 6 bar

Order No. 5.27020 / 5.27025 / 5.27026

Pump See-saw with valve system

Two Pump cylinders and stainless steel mechanism on concrete well, Ø 110 cm, depth of installation approx. 65 cm, see-saw beam of larch, length 4 m, optimized concealed bolt head, hand grips of stainless steel (glass bead blasted), fall height ≤ 1 m, weight approx. 950 kg, depending on type of distribution station (single or double), 3-way valve with pan bar handle and direction arrow, made of stainless steel/plastic, height 40 cm, connection to water as above water requirement approx. 20 l/min

Order No. 5.27120 / 5.27125 / 5.27126

Pump See-saw with water reservoir

As above, but in addition connection to main water max. 6 bar

Masts

Order No. 5.27030 - 5.27037

Larch wood with steel foot, height approx. 4 m, 18/21 cm

Order No. 5.27530 - 5.27537

Cap of stainless steel or complete masts made of stainless steel tubes Ø 133 mm

Foundation 80 x 80 x 80 cm, Excavation depth 110 cm, edges to be rounded if sand and gravel is used

Supply line between pump and mast, fabric hose 10 m and hose connector, included supply line to be laid in empty conduit such as drainpipe or flex pipe Ø 80 mm, not included in delivery supply line with 2 % gradient to pump concrete well for draining during period of frost

Order No.

5.27001 - 5.27537 / 5.27002 / 5.27003

Registered Design

000777982-0001/ -0010 Europe

Trademark

007371834 Europe

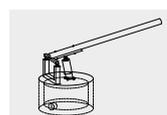


Photo © Iliya Varlamov

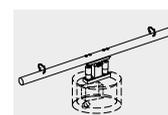


Masts made of wood, Photo © Iliya Varlamov

Forest Fountain



5.27010



5.27020



5.27001 - 5.27537

Planning information

The masts and pumps should be arranged so that it is possible to observe the fountain effect when pumping. Accordingly, the masts with the smaller spraying radii should be positioned closer, and those with a larger spraying radius further away, at the edge of the space. The distance to the masts and between them should be 3 - 6 m. The effect of the sunlight and the contrast with darker backgrounds such as trees or the flat faces of buildings plays an important role here for the optical effect. In the case of higher spraying



Masts made of stainless steel, powder-coated



heads, the prevailing wind direction should be taken into consideration. The surfacing of the ground should be firm or graveled and be provided with a well working drainage. The water supply and the system must be drained during frost periods. Sensitive parts such as pump valves must be removed and stored in a frost-free location.

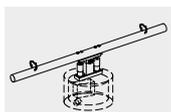
The Forest Fountain is a very complex play structure, we recommend the consultation and planning by our team.

The pumps are also available with programmable rinsing for flushing the pumps and masts.

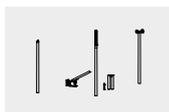
Individual solutions for the water supply must be devised, depending on the plans. Up-to-date details on the connection for the water supply and other technical information is available to download as a table at our website www.richter-spielgeraete.de.



5.27010



5.27020



5.27001 - 5.27537