

Photo © Daniel Perales



Photo © Daniel Perales

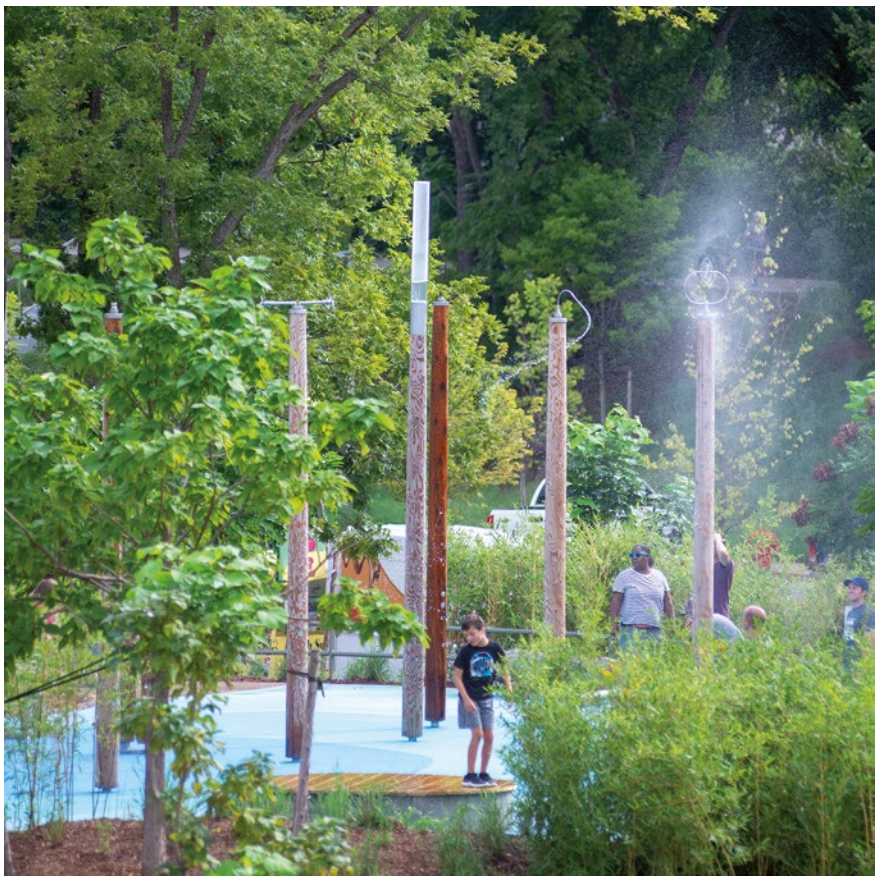
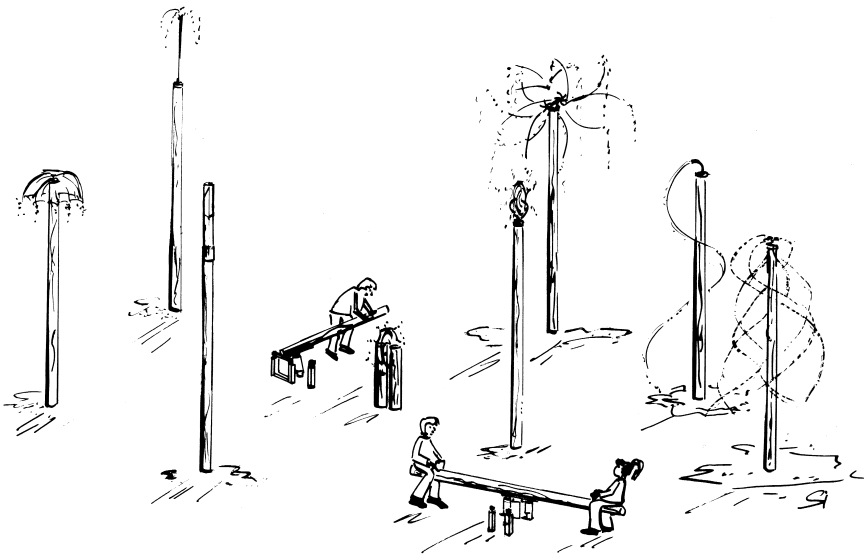


Photo © Daniel Perales

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

Forest Fountain



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DesignJ.O. Gaier

5.27001 - 5.27537



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



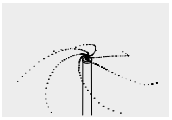
Order No.. 5.27034 Vertical Star Rotor

Rotors and jets

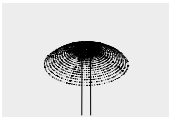
Low Collision Disc
Order No. 5.27030/5.27530
spraying area 2 m, width 0.50 m
High Collision Disc
Order No. 5.27031/5.27531
spraying area 4 m, width 1 m
Vertical Jet
Order No. 5.27032/5.27532
spraying height up to 10 m, radius 2 m
Spiral Rotor
Order No. 5.27033/5.27533
spraying area radius 2.5 m
Vertical Star Rotor
Order No. 5.27034/5.27534
spraying area 14 m, width 1.50 m
Horizontal Star Rotor
Order No. 5.27035/5.27535
spraying length Ø 10 m, radius 5 m (reducible)
Umbrella Jet
Order No. 5.27036/5.27536
spraying area radius 3 m
Reservoir
Order No. 5.27037/5.27537
Water Umbrella
spraying area radius 2 m



Order No. 5.27031 High Collision Disc



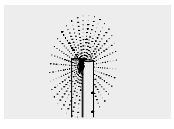
5.27035/5.27535



5.27036/5.27536



5.27037/5.27537



5.27030/5.27530



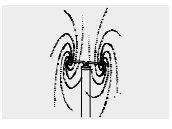
5.27031/5.27531



5.27032/5.27532



5.27033/5.27533



5.27034/5.27534

Components
Pumps
- **Long Handle Pump with valve system, Order No. 5.27010/ 5.27015/ 5.27016**
- **Long Handle Pump with water reservoir, Order No. 5.27110/ 5.27115/ 5.27116**

1 pump cylinder with stainless steel mechanism on concrete well, Ø 110 cm, depth of installation approx. 60 cm, pump swipe 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 max. 6 bar, connection thread 1 inch inside, compression proof diameter 1 inch
water requirement approx. 15l/min

- **Pump See-saw with valve system, Order No. 5.27020/ 5.27025/ 5.27026**
- **Pump See-saw with water reservoir, Order No. 5.27120/ 5.27125/ 5.27126**

2 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. 20l/min

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



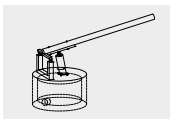


Masts made of wood

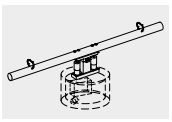
Forest Fountain

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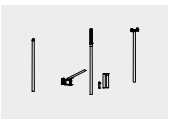
DesignJ.O. Gaier



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 radiuses 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 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.

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**.





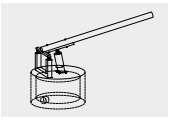
Masts made of stainless steel, powder-coated



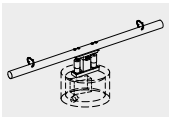
Forest Fountain

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

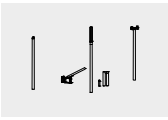
The pumps are also available with programmable rinsing for flushing the pumps and masts.



5.27010



5.27020



5.27001 - 5.27537