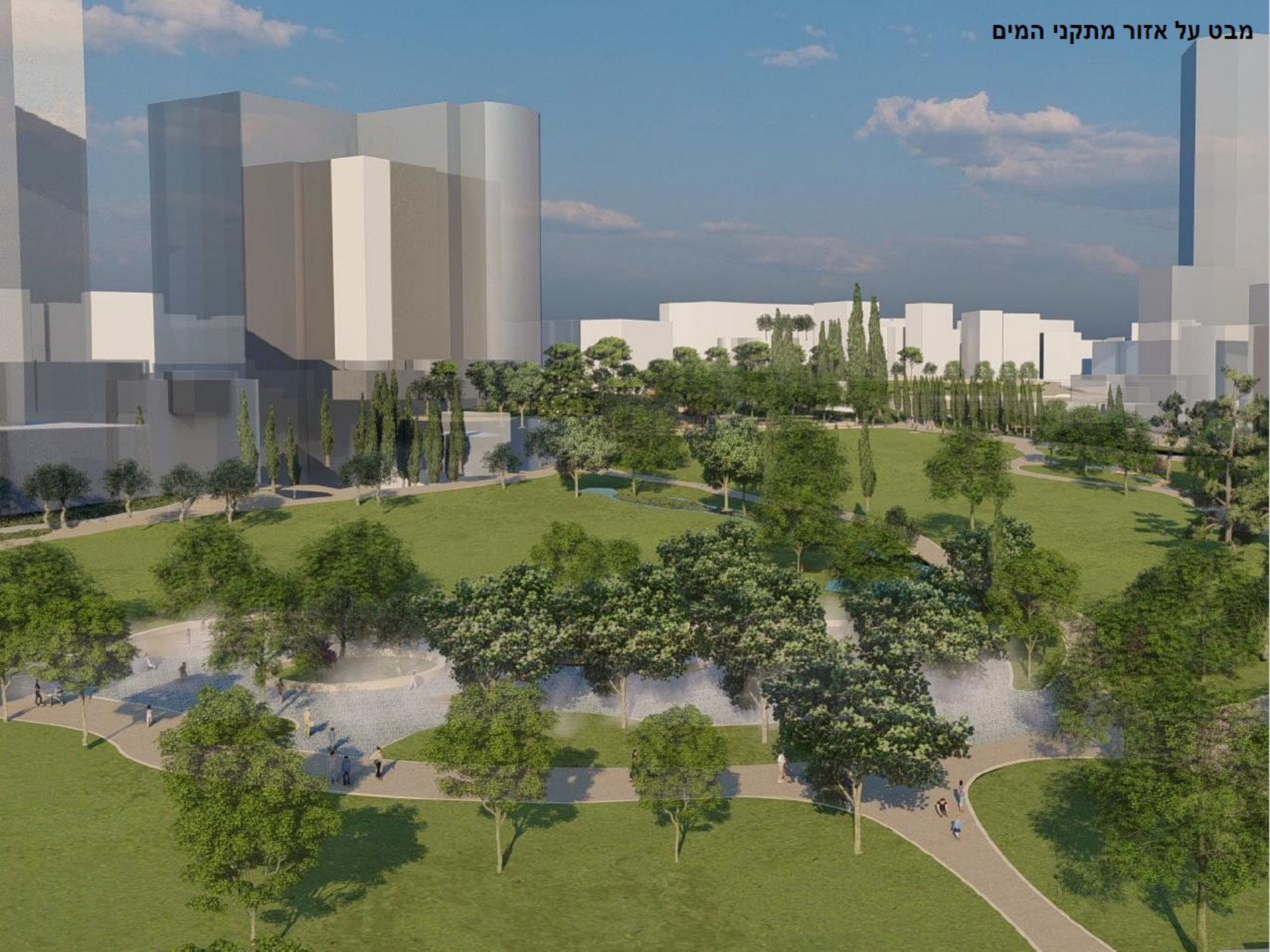
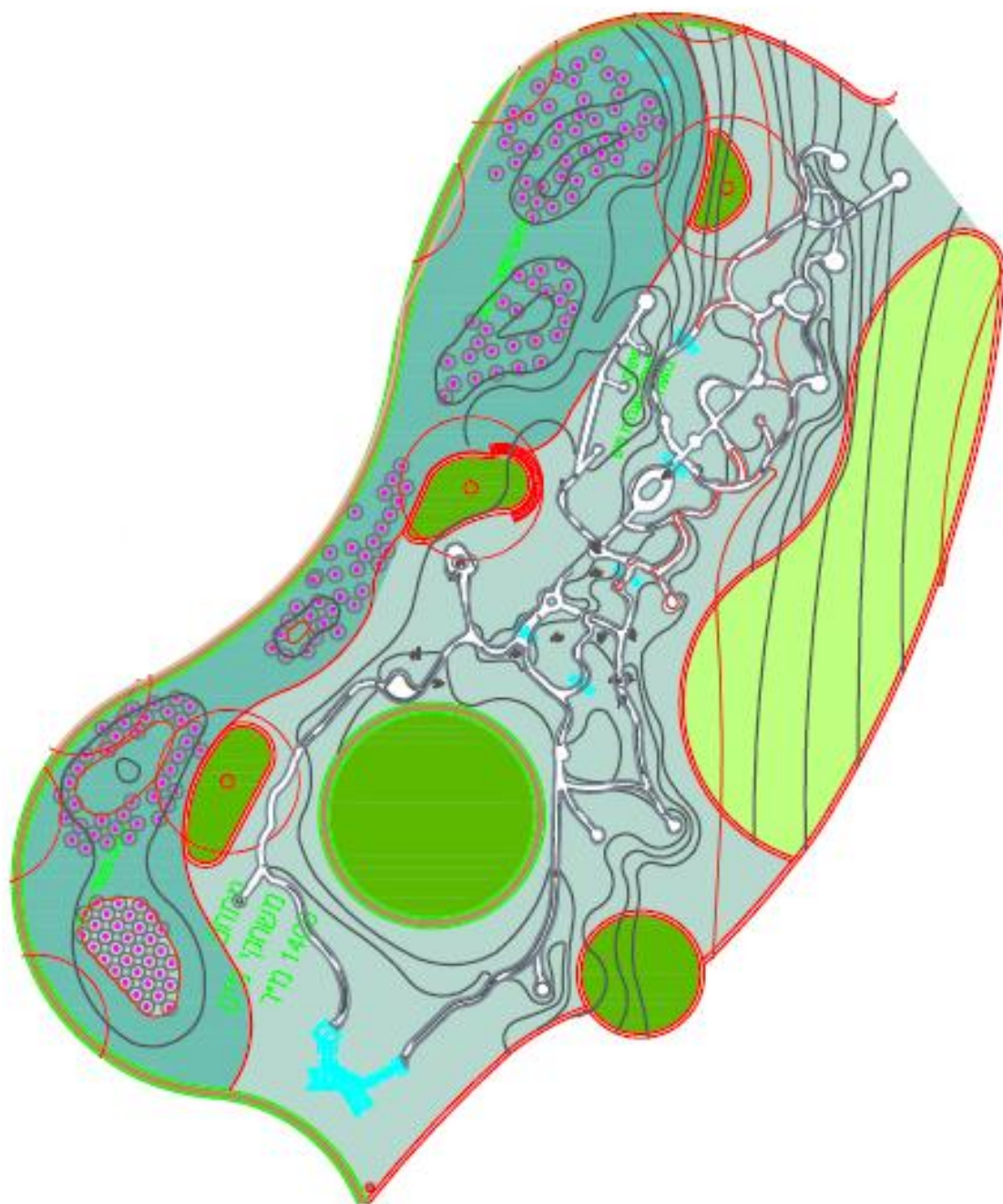


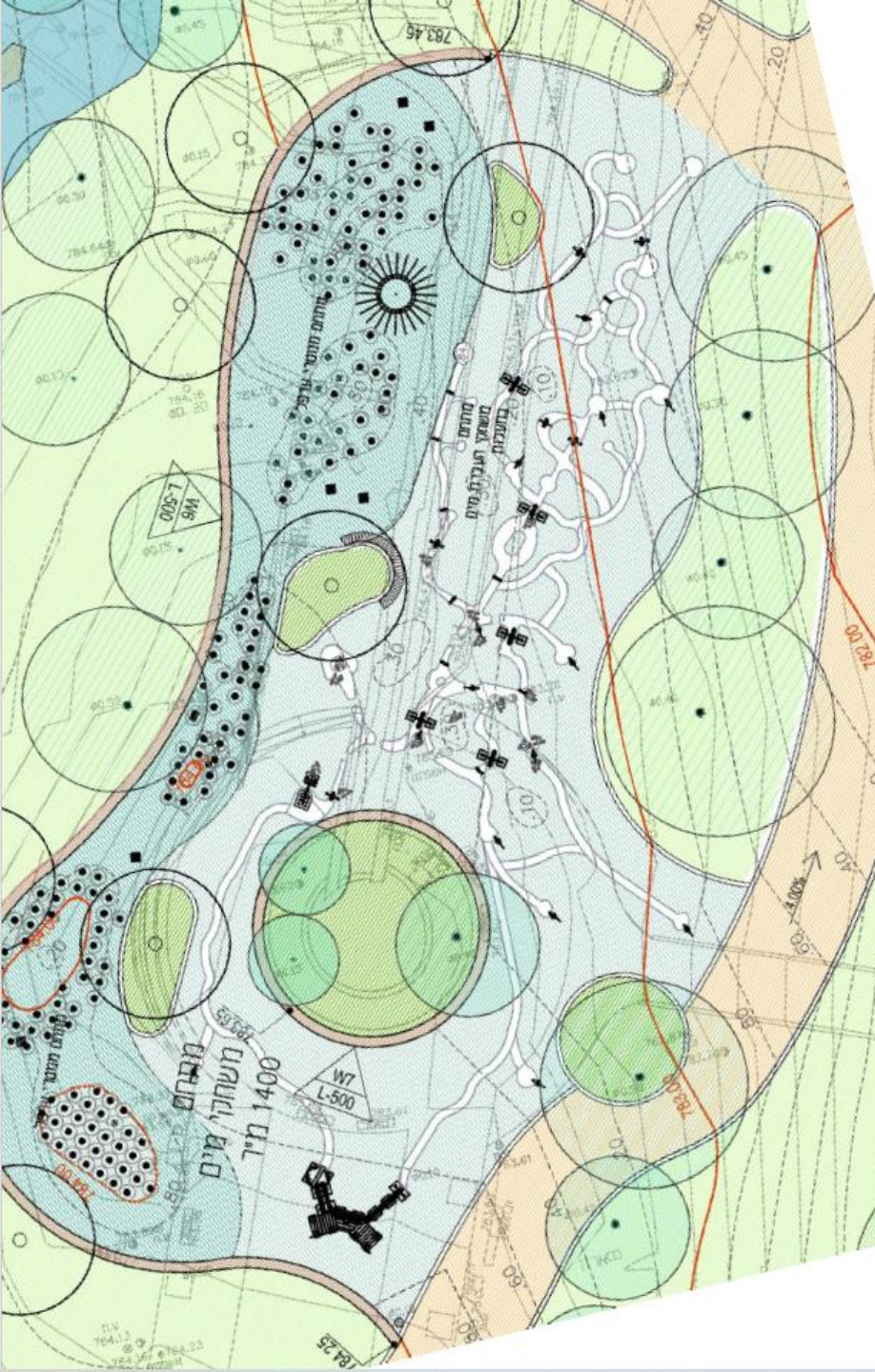
Hari Wilf Garden - Jerusalem Independence Garden







מתקני מים חברה Richter Spielgeraete



© Richter Spielgeräte GmbH 04/20

Play value

The element water, with its infinite forms of expression, is defined by its flow, vitality and power. And if a playing observer interacts with it, various different sensory impressions are created.

It is only in ideal cases that a natural spring is located at a playground; however every play space needs water, even if it "only" comes out of a pipeline. A water pump with a swipe is especially attractive, where the act of pumping itself becomes a part of the play value, enabling access to the precious liquid. Our robust playground pumps therefore not only serve as a water supply, but also encourage work- and role-playing games and promote communication and cooperation.

Fundamental characteristics

- Sturdy construction
- Special design
- Incentive for playing: pump swipe (can be adjusted in 45° steps during assembly)
- eExercise activity: physical effort

Recommended for

- Kindergarten children
- School children
- Water play areas without supervision



Order No. S.17500 Playground Pump

Playground Pumps

Planning information

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.

The water quality is to be clarified with the operator and the health authorities.



S.17500



S.17730

מתקני מים

Richter Spielgeräte חברה

Technical information

All Archimedes Screws are provided with self-lubricating bearings.

Order No. 5.20500 Archimedes Screw
open, stainless steel, glass bead blasted,
s. sketch

Order No. 5.20800 Archimedes Screw
open, stainless steel, glass bead blasted,
s. examples
open screw with two flank heights:
7 cm for conveying approx. 0.3 l/rotation,
min. water level 20 cm
14 cm for conveying approx. 1.5 l/rotation,
min. water level 25 cm

Dimensions

(small deviations possible)

see examples

Optimum conveyance is achieved at 45° inclination.

The Archimedes Screws have been designed as a modular system – suitable bearings, drive mechanisms and fixing elements can be combined as desired.

- lower bearing - Concrete basin
- Fixing flange with protecting disc

- Crank mechanism
- Hand wheel
Ø 40/Ø 60 cm
- Turning ring, in any axial position Ø 60 cm
- Spiral cone, in any axial position

- Bow with concrete basin
- High support bow with/without run-out basin
- High reinforced support bow
 - tube diameter 60.3 mm
 - variable height up to 1 m
- High reinforced support bow
 - tube diameter 76 mm
 - variable height from 1 to 2 m
- Support bow for round water basins
5.24200/5.24400

Weight and included components depending on equipment type.

Installation information

Surfacing requirements:
no fall height according to standard
Recommendation: underground
adequate for heavy duty bolting with
drainage
Water supply as well as reservoir and
collecting basin, if applicable, to be
provided on site (by customer).

Foundation – depending on type

For use in aggressive environments such as salt or chlorine water, the equipment is also available in marine grade steel (V4A).

Order No. 5.20500

Archimedes Screw
open, stainless steel
concrete basin at the bottom
open screw, flank height 7 cm
length 1.25 m
drive mechanism with crank
fixing with support bow
run-out at the top into concrete basin

**Order No. 5.20800, project customized
Archimedes Screw open, stainless steel
Examples with 45° inclination**

Example 1, Order No. 5.20800
concrete basin at the bottom
open screw, flank height 7 cm
length 2.00 m
drive mechanism with hand wheel, Ø 40 cm
fixing at the top with high support bow
on channel or similar built on site
on channel or similar
built on site

Example 2, Order No. 5.20800

fixing flange and
protecting disc at the bottom
open screw, flank height 14 cm
length 3.50 m
with strong axle
drive mechanism w. turning ring Ø 60 cm
return stop
fixing at the top
with high support bow
and run-out basin
on channel or similar
built on site

Example 3, Order No. 5.20800

fixing flange and protecting disc at the bottom
open screw
length 4.25 m
with strong axle
drive mechanism with spiral cone
incl. return stop
and frame
fixing at the top
with high reinforced support
bow and
run-out basin
in channel
or similar
built on site

Safety check according to EN 1176

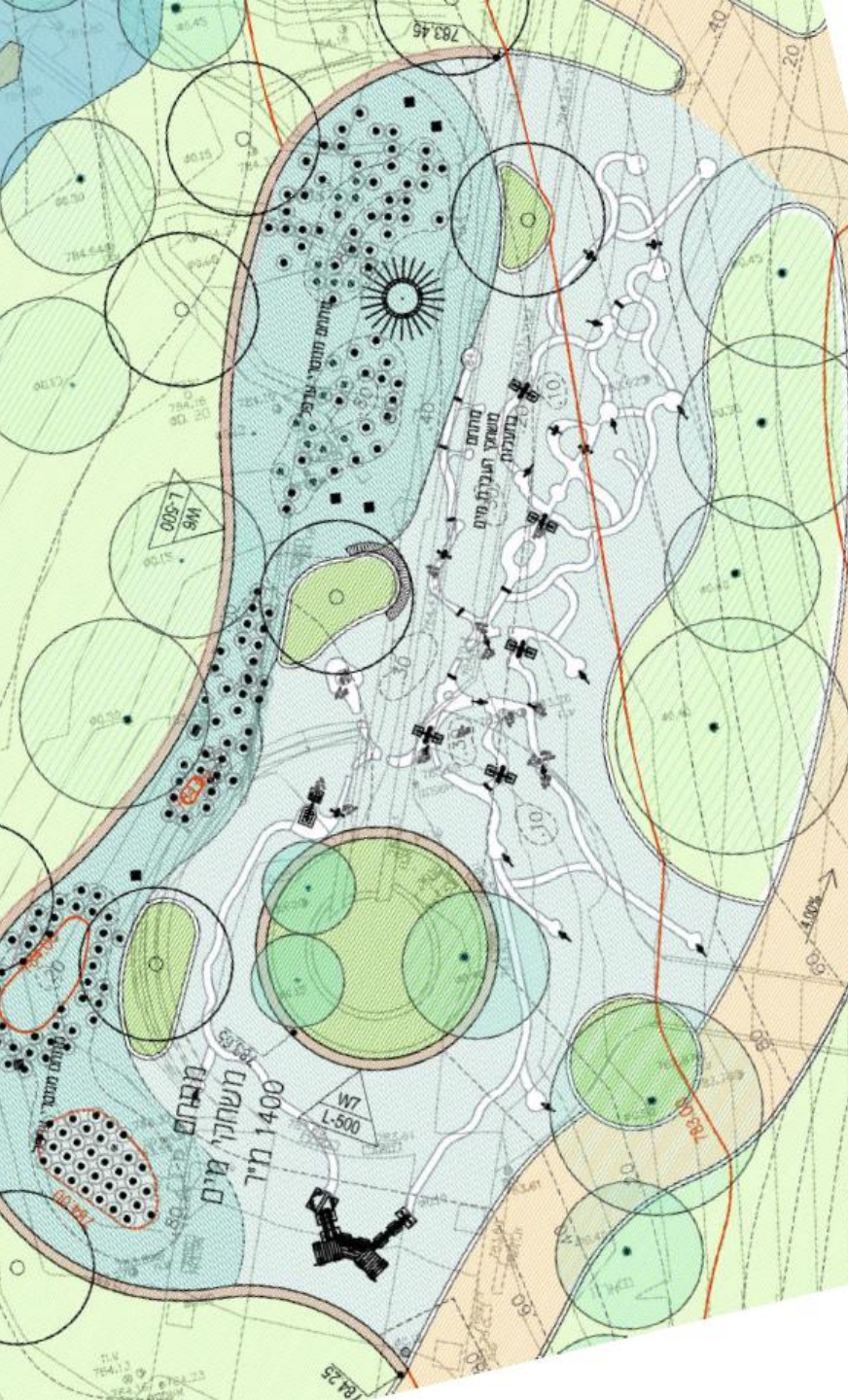


5.20500



5.20800

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



Order No. 5.28031 Bar Gate

all metal parts are made of glass-bead
blasted stainless steel

board and ball head made of impact-resistant, coloured-through PUR plastic parts, black

Dimensions

(small deviations possible)

height	0.30 m
width	0.50 m
damming height	0.15 m
weight	8 kg

Components

1 part each

Installation information

Recommendation: surface of reinforced watercourse

All equipment can be easily installed into any artificial watercourse.

Foundations according to installation situation.

Attention:

Exact measurements may vary, for all installation dimensions refer to current installation instructions.

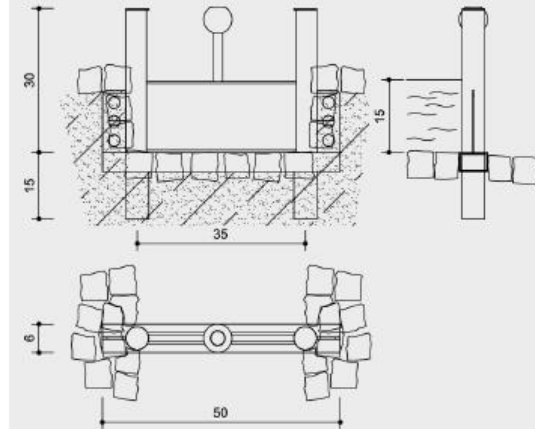
Technical changes reserved.

For use in aggressive environments such as salt or chlorine water, the equipment is also available in marine grade steel (V4A).

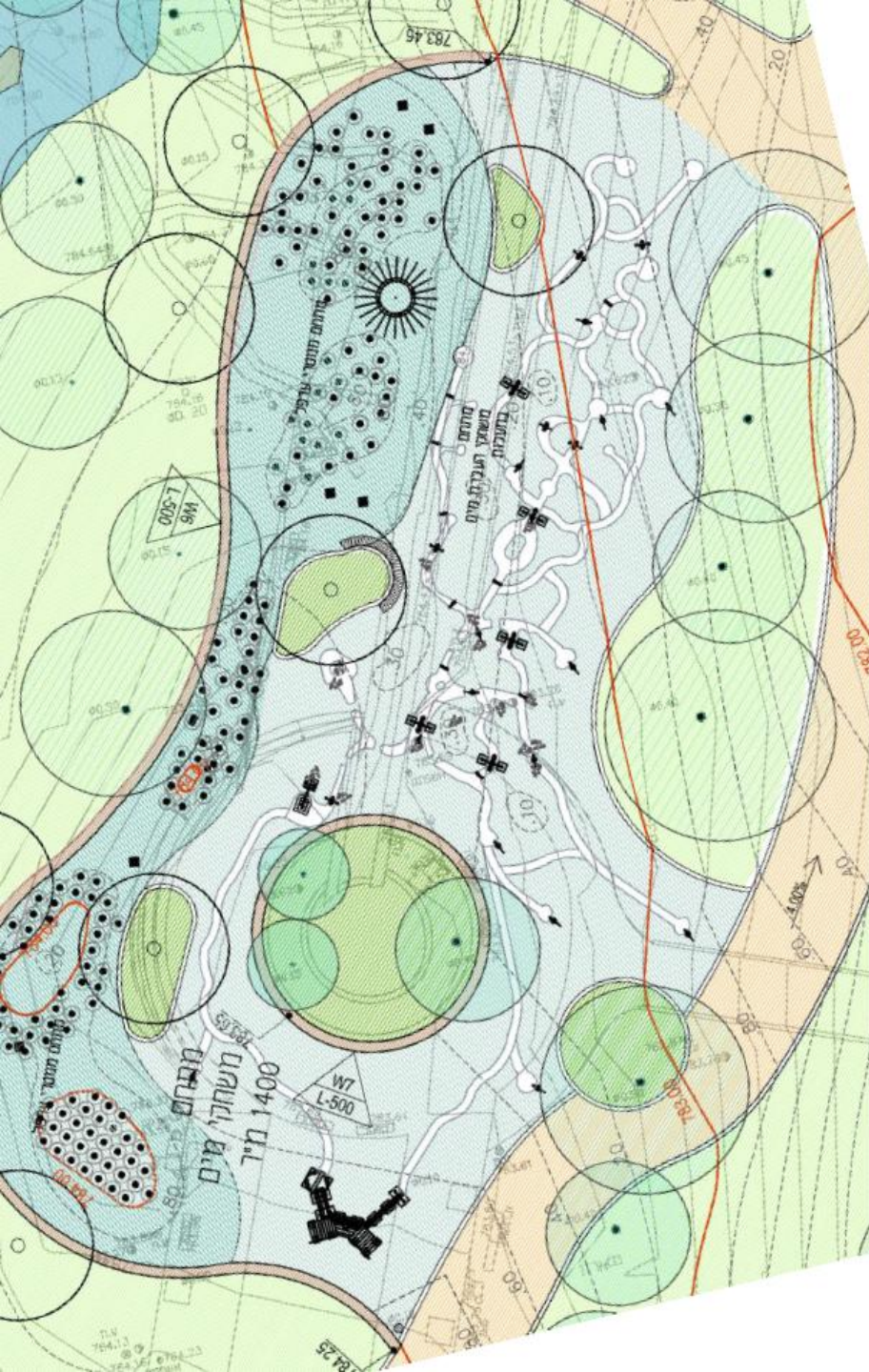
מתקני מים

Richter Spielgeräte חברה

Order No. 5.28031
Bar Gate



מתקני מים חברה Richter Spielgerate



Order No. 5.15910 Small Bucket Wheel for site foundations

height	0.45 m
width	0.65 m
diameter of wheel	0.40 m
weight	13 kg

Order No. 5.15920 Big Bucket Wheel

height	0.85 m
width	1.10 m
diameter of wheel	0.80 m
weight	22 kg

Components

1 part each

Installation information

Surfacing requirements

Recommendation: sand with drainage or paving stone with gully

The Bucket Wheels are made for overshot operation. The required minimum height difference can be seen in the drawing. If it is wished to install the Big Bucket Wheel for undershot operation, a large amount of water and a strong flow is required for it to function correctly. A minimum water-flow rate of 66 cm/sec. is required. The bottom bucket should dip into the water by about half, or even better, three quarters of its diameter. When the Bucket Wheel is driven by banked up water an amount of at least 3/4 m³ is required to generate a few revolutions. The Small Bucket Wheel cannot be operated undershot at all.

Foundations

Order No. 5.15910

1 item 50 x 90 x 30 cm
excavation depth 70 cm

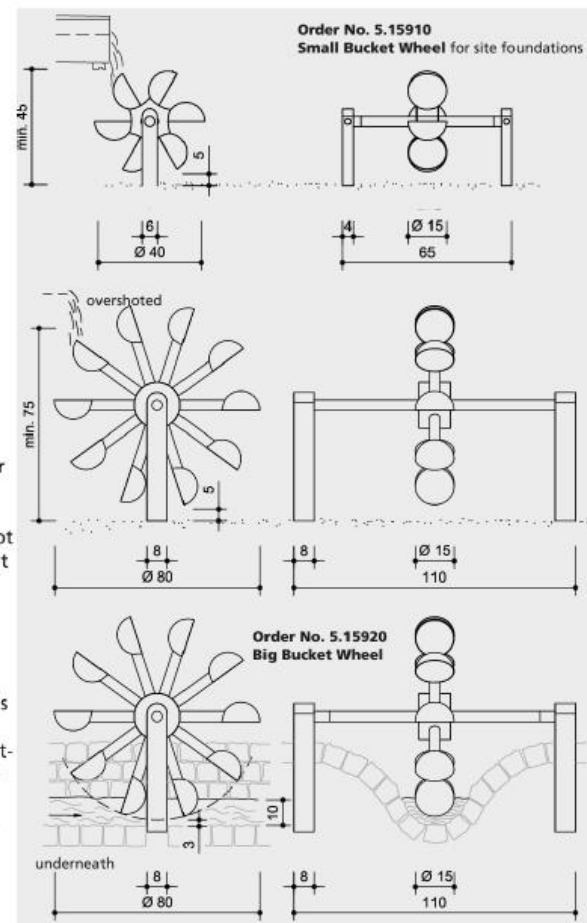
Order No. 5.15920

2 items 40 x 40 x 30 cm
excavation depth 50 cm

Attention:

Exact measurements may vary, for all installation dimensions refer to current installation instructions.

Technical changes reserved.



שווי ערך קיימים וכמויות לפי יצרנים:



17 יח'

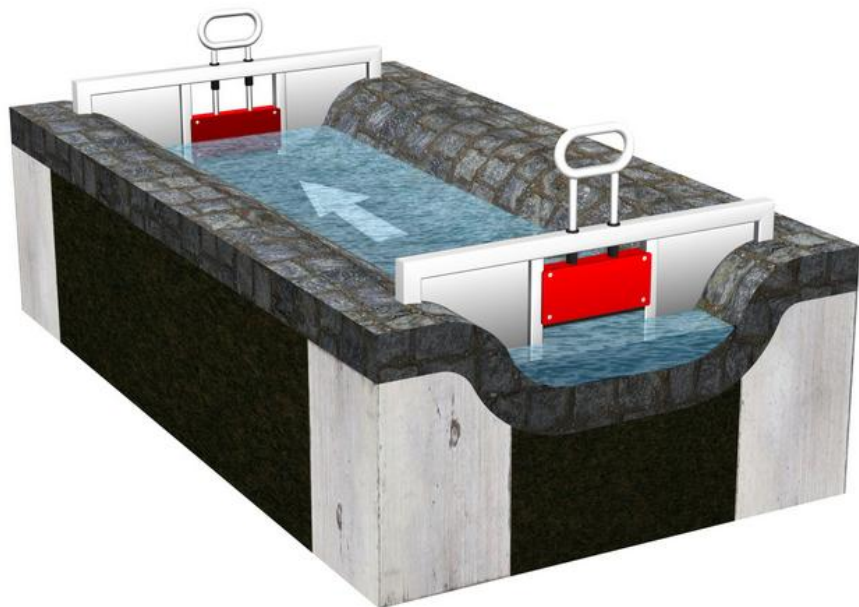


12 יח'



Order No. 5.28031
Bar Gate

**יש כמה סגנונות (לבחירה) למחסומי מים, זה
המחסום שאנו ממליצים עליו**



יש כמה סגנונות (לבחירה) של ברזים:

לחיצה



SPLASH water tap

עמוד
בזווית



SPLASH water dispenser

ידית
משיכה



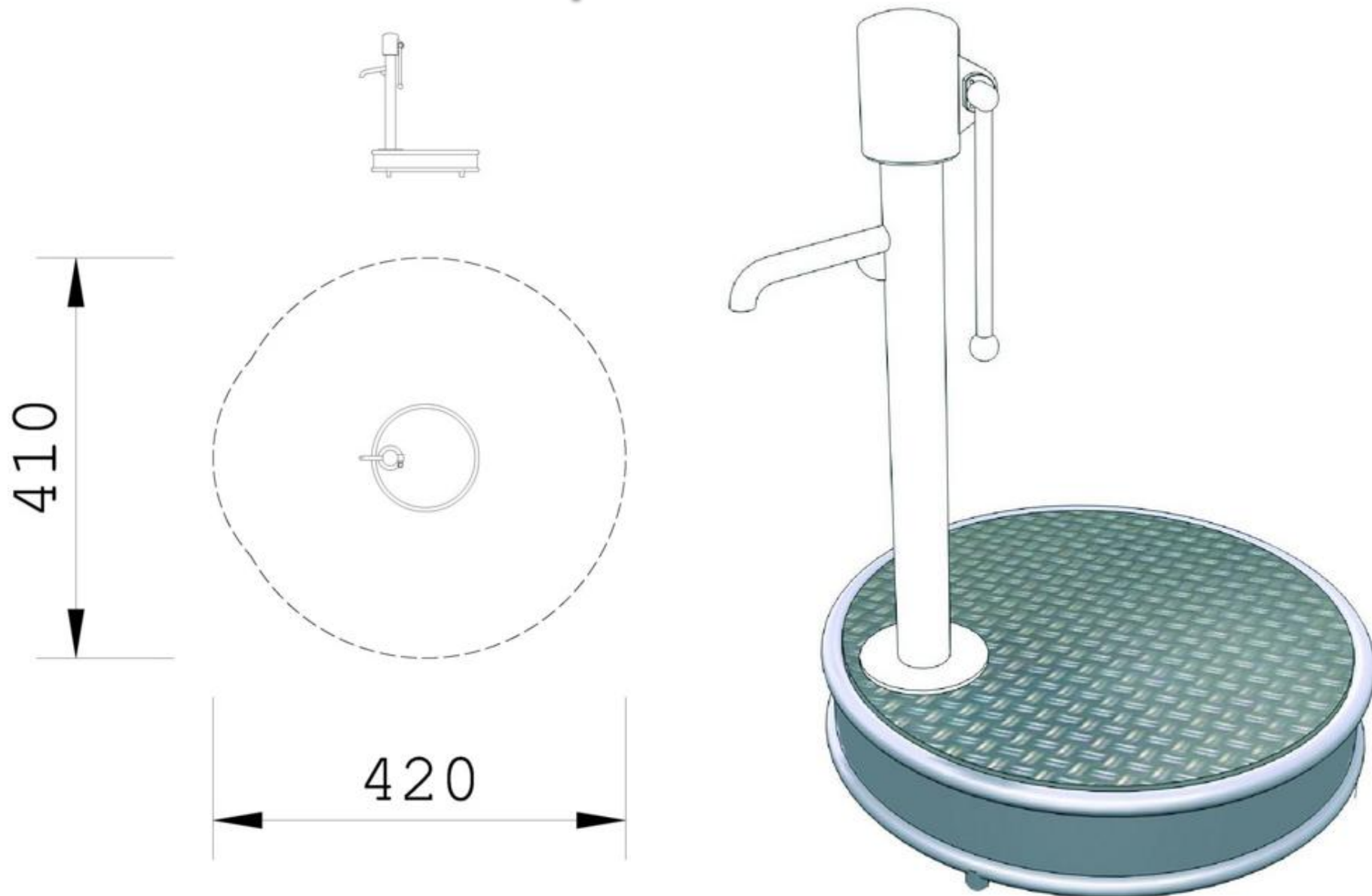
SPLASH swivel pump

פתית מים
עגולה
(סיבוב)



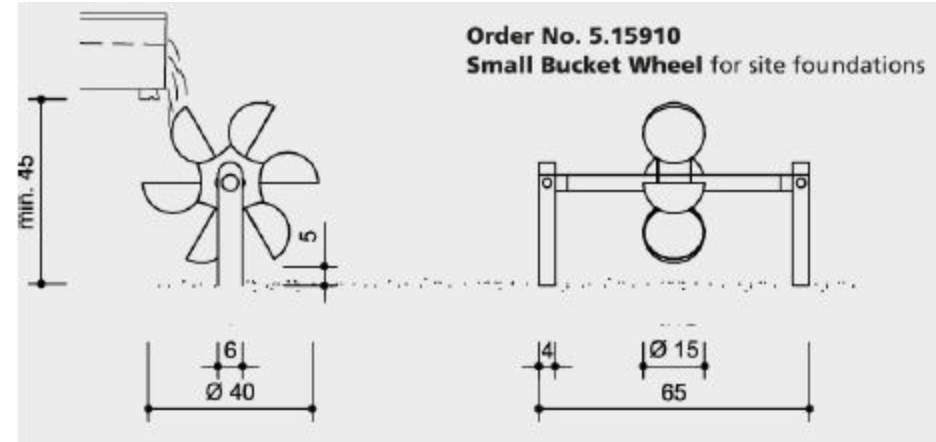
SPLASH hand wheel pump

מומלץ להוסיף בימת נירוסטה מתחת לברזים למניעת החלקה:

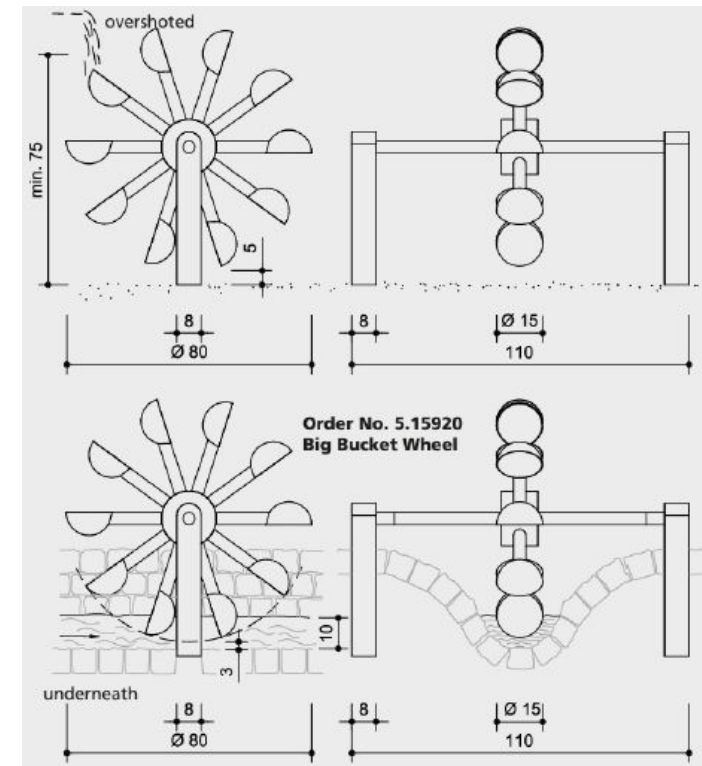


מתקנים לשווה ערך:

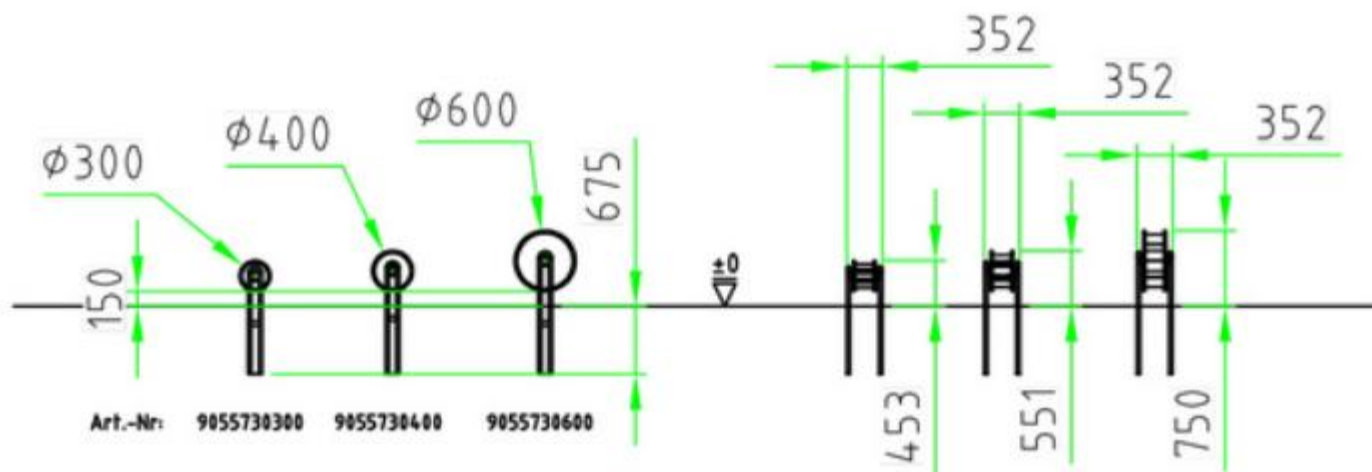
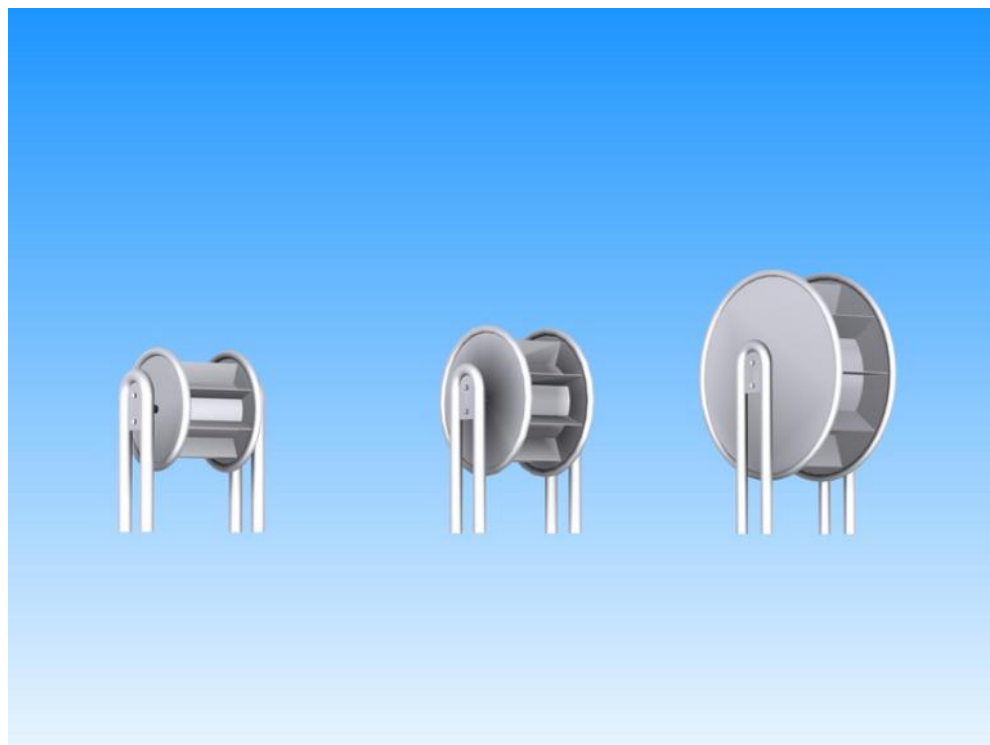
קרוסלת מים קטנה
- 6 יח'



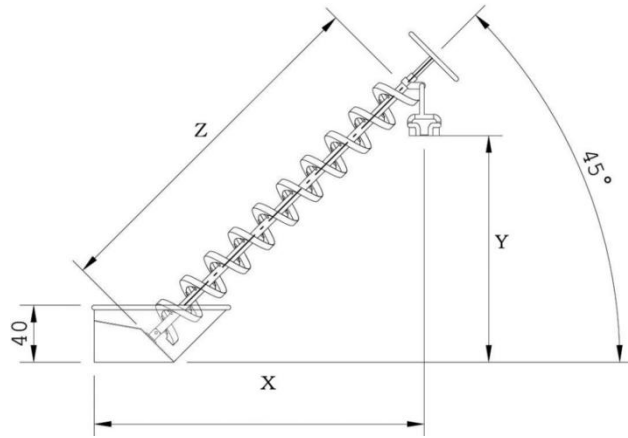
קרוסלת מים
גדולה - 6 יח'



סוגי גלגלי מים תקניים לבחירה (בטיחותי יותר):



מתקני שווי ערך:



ארכימדס – יש
לייצר בגובה
המאפשר נגישות
לבעלי צרכים
מיוחדים



מתקן מים 1 יח' – נייצר
שווה ערך מדויק – ישלח
לאישור

