

Special fittings and accessories for nursing systems

+ = especially recommendable

Additional equipment

- 1 **Less price for sustaining foot free floor mounting with composite anchor part-no. ZP5232**
The production line included sustaining foot would be cancelled. With 4 composite anchors for concrete, high-grade steel thread rod M14 and adhesive cartridge.
- 2 **Disinfection, built-in part-no. ZP5042**
consisting of:
1 converter valve for function disinfection
1 red pressure hose with pushbutton-hand shower
1 flow meter made of stainless steel
1 lockable chamber for 2 x 5 l disinfection agent, brand independent.
- 3 **Disinfection, built-up part-no. ZP5041**
mounted in plastic housing at the tub.
1 converter valve for function disinfection
1 red pressure hose with pushbutton-handshower
1 flow meter made of stainless steel
1 bottle room for 2 x 1 l disinfection agent, brand independent.
- 4 **Massage-Equipment "Air-Jet" part-no. ZP5017**
+ consisting of:
1 Whirl-Jet, adjustable in direction for body cleaning in the water swirl
1 Air-Jet for air adding into the water
1 On-/Offswitch, 24 V Control voltage
1 Control box with pump relay and transformer
1 Plastic turbine pump with motor protection switch and residual evacuation
1 Dry run protection for the pump
- 5 **nursing care unit with low-frequency ultrasonic part-no. ZP5070**
for the whole body treatment
consisting of:
1 control unit as table unit with holder for the vibration head for various treatments, also outside of the tub.
1 Vibration head with isolated cable 2,5 m including suckers.
Technical data:
Supply voltage 230 V
with integrated GFCI (30mA) in the plug
Nominal current 0,5 A frequency 50/60 Hz
Nominal power 0 - 80 Watt
super sonic frequency 40 KHz
Classification B



Module for senior wellness in height-adjustable tubs

Part no. ZP5720

For applying sound wave massages and colour light therapy.

Sound wave massage

The on-site hi-fi system sends steadily high quality sound waves to the water and so to the bather. depending on the auditory selection, body and soul gets stimulated or relaxed. The tub is the sound body, there is no loud speaker necessary. The intensity gets regulated by the hi-fi system.

Colour light therapy

Depending on the indication, there can be created different therapeutically adapted colour ranges. Precise high-performance LED's provide a flicker-free light to release and support regenerative processes in the body.

Technical details

1 electronic control unit for colour light: white-blue-green-red and colour mixes. Colour selection by button.
2 colour light spot for a flicker-free LED light.
2 oscillating coils for sound waves with connection box.
Connection with the on-site hi-fi system with the speaker socket. Amplifier output power 50 – 75 W / 4 Ohm.

7 **Water hydraulic drive part-no. ZP5045**

consisting of:

1 special-water hydraulic-cylinder for symmetrical moves of the tub.
1 hand control panel for lift and lower with 1,5m air control hose, designed as dead man switch.
2 safety-valves ½" air controlled including piping.
Min. water pressure (flow pressure) 3 bar.

8 **1 pair safety plastic handles part-no. ZM2022** in reach of hands.

9 **Drain 2 ½" made of plastic with plug part-no. ZP5051**

including axial-washer. Drain hose with connection material to the floor drainage (floor drainage DN 100 is needed).

10 **Emergency down function, electronically controlled, in case of power failure for nursing tub München or Rügen, part-no. ZP5150**

consisting of:

1 non interruptible power supply 230V / 500VA installed in the cladding. Activating by power failure through pushbutton. The stored energy is enough for several UP and DOWN movements.

11 **Well-feeling module part-no. ZW7610**

The music can be heard and felt. The water forward the acoustic waves through the foil to the person in unexpected quality.

12 **AquaJet Massage-System part-no. ZW7615**

Through an electronic controlled distributor get the nearly weightless body over 20 jets a massage. Always starting at the femoral go the pulsing massage jet over the heart to the shoulders. It repeat continuously over 5 body zones until the treatment time is over. The intensity can adjust by the hold time in the zones. The program selection and control can be done by Touchtronic. With the emergency button the treatment could be stopped at any time.

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Technical details subject to change

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Internet: <http://www.trautwein-gmbh.com>

08.05.02

13 Filler and shower unit with UP thermostatic mixer, water flow 48 l/min. part-no. ZP5028

mounted in fitting desk, with automatic reset filler-shower, safety lock above 38°C, with surround lever valve. Including 2 high pressure resistant hoses for supply connection.

14 Automatic Filling unit, part-no. ZP5305

Option time-save-module, consisting of: capacitive sensor for level indication and magnetic valve control. Start by push button. Additional manual filling is possible.

Wall mounted fittings

20 Filling and shower unit with 3/4" UP thermostatic mixer part-no. ZP5032

consisting of:

- 1 thermostatic safety mixing valve 3/4" for UP-mounting including chromium plated blind arch.
- 1 UP-valve 3/4" with chromium plated rosette.
- 1 UP-valve 1/2" with chromium plated rosette.
- 1 angle connector 3/4" with thread outside, with chromium plated rosette.
- 1 angle connector 1/2" with thread outside, with chromium plated rosette.

21 Filling and shower unit with 1/2" UP thermostatic mixer part-no. ZP5033

consisting of:

- 1 thermostatic safety mixing valve 3/4" for UP-mounting including chromium plated blind arch.
- 1 UP-valve 3/4" with chromium plated rosette.
- 1 UP-valve 1/2" with chromium plated rosette.
- 1 angle connector 3/4" with thread outside, with chromium plated rosette.
- 1 angle connector 1/2" with thread outside, with chromium plated rosette.

22 Disinfection equipment part-no. ZP5005

1/2" including angle connectors, 2 m hose, push button disinfection brush and holder

24 Wall connection hoses part-no. ZP5053

for cold- and warm water including 2 angle connectors 3/4" with thread outside, with chromium plated rosette.

25 Wall connection hose part-no. ZP5054

for waste water for sleeve NW 50

Accessories

31 Tub shortener part-no. ZP5026

+ adjustable, made of white plastic material. It is easy to shift in the deepening of the tub to alternate the length.



32 Tub shortener part-no. ZP5027

+ adjustable, made of white plastic material. It is easy to shift in the deepening of the tub to alternate the length.

33 safety ladder part-no. ZU1025

+ made of glass fibre reinforced plastic, 2-step with anti-skid surface. Colour: white. Dimensions: width 500mm, deep 700mm, height 350mm.

34 Massage jet hose part-no. ZP5055

including. 1 set plastic jets 40/60/80/100/120/140 (only with massage equipment "Air-Jet")

35 Bayromed-active oxygen granules part-no. ZR 0100

for disinfection of the pump circuit and the tub.

36 Adisan-cleaning agent part-no. ZR 0200

for the pump circuit and the tub.

37 Swivel backrest

+ **part-no. ZP 5235** for Samarit tub, removable with hard foam cushion.



38 insulating flange for München IV part-no. ZP 5038

consisting of:

- 1 stainless-steel flange 470 x 500mm with clamp bolts, nuts and clamp rail. Flange with melted lead through units and O-washer.
- 4 chemical anchors M14 x 180mm and nuts.
- 4 sleeves and thread rod M14, washers, nuts, mounting sleeves and fixation metal sheet.

39 showerhead for maintaining oil baths part-no. ZW 7845

Due to a special whirling technique oil is added to the bathwater from the dispensing head of the shower. The oil is stored in the bath water in the form of superfine drops due to the vortex of the shower water and remains bound to it. This leads to an extreme extension of the surface and allowing an intensive absorption by the skin. All this is reached with emulsifying and chemical agents. Applicable for every tub with 1/2" shower hose connectors. Colour: white sleek, Dimensions: Ø 30mm, length 150mm



Technical details subject to change

nursing lift tub
model München IV
type HW 2100 AC
TÜV-GS-DVGW-approved
part-no. AP5021

Nursing tub for free placement with composite anchors for floor mounting. Upon demand, this version can be supplied with a supporting foot without floor mounting.

Consisting of:

Tub and instrument panel designed as seamless compact unit made of acrylic glass, vacuum deformed. Tub cladding and installation cladding made of plastic. Choice of colours according to Trautwein colour chart.

Tub equipment

- 1 drainage and overflow battery 1 ½" with connecting pipe to floor drainage.
- 1 Hans-Grohe-thermostatic with scald protection, flow rate 48l/min. Filling time 3 min. at 3 bar.
- 1 converter valve for the functions tub filling, hand shower and disinfection.
- 1 press-button hand shower ½" with 2m hose and holder. Connected to the thermostatic mixer with scald protection. Dosing also possible by the converter valve.
- 1 inlet shell 1" for splash-free filling over free inlet according to DIN 1988.
- 2 high-pressure hoses ¾" for cold and warm water; brass piping; brass and red-brass fittings.
- 1 neck cushion.
- 1 tub shortener integrated, made of white plastic. It snap in the recess of the tub body.

Drive and construction

- 1 load lifting system synchronized for absolute even lifting and lowering with mechanical spindle drive with automatic end- and safety switch off
- 1 electric box IP65 protected
- 1 pneumatically controlled remote control for lifting and lowering. Length of control line approx. 1,5 m.
- 1 steel frame as support construction. All metal parts are protected against corrosion. Adjustment legs made of plastic. Support free installation with legs of stainless steel.

Technical data:

dimensions external: 2130 x 830 x 1170 mm
internal: 1630 x 650 x 440 mm

tub edge working area: 650 - 1050mm

tub volume: 200 l

filling time at 3 bar - 3 min.

drain time with free outlet - 4 min.

overall weight: 220 kg

el.-connection: 230 V AC

On site safety measures according to cold and warm water connection with drinking water protection (DVGW DIN 1988 section 4.1.1) according to pre-assembly drawing.



The following parts are production line included:

Part-no. SP0110

Integrated tub shortener adjustable, made of white plastic material. It is easy to shift in the deepening of the tub to alternate the length.

Module for senior wellness in height-adjustable tubs Part no. ZP5720 (option)

For applying sound wave massages and colour therapy.

Sound wave massage

The on-site hi-fi system sends steadily high quality sound waves to the water and so to the bather. depending on the auditory selection, body and soul gets stimulated or relaxed. The tub is the sound body, there is no loud speaker necessary. The intensity gets regulated by the hi-fi system.

Colour light therapy

Depending on the indication, there can be created different therapeutically adapted colour ranges. Precise high-performance LED's provide a flicker-free light to release and support regenerative processes in the body.

Technical details

- 1 electronic control unit for colour light: white-blue-green-red and colour mixes. Colour selection by button.
- 2 colour light spot for a flicker-free LED light.
- 2 oscillating coils for sound waves with connection box. Connection with the on-site hi-fi system with the speaker socket. Amplifier output power 50 – 75 W / 4 Ohm.

Accessories: see overview sheet 08.05.01 and 08.05.02 special fittings and accessories

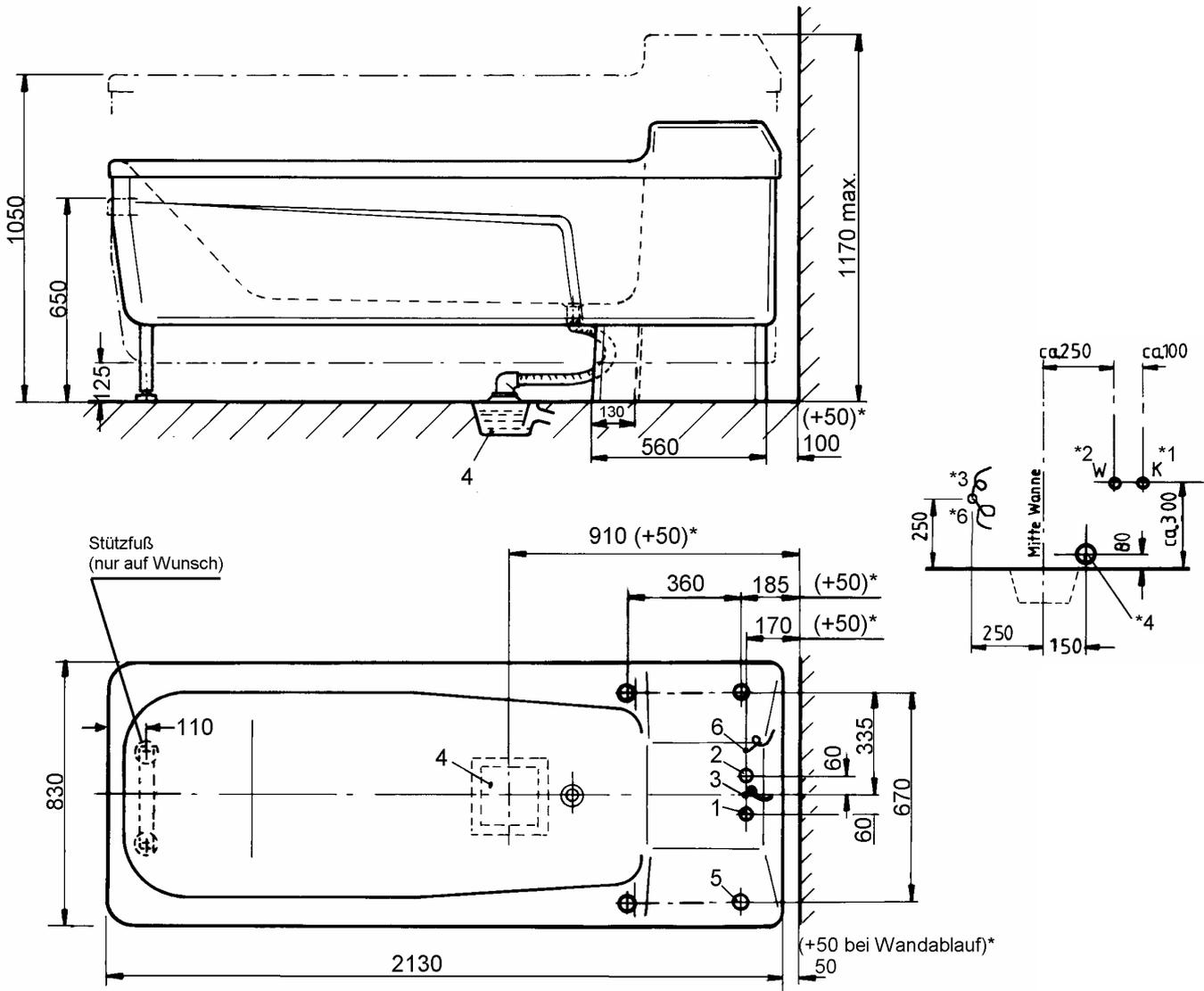
Technical details subject to change

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08.05.03



nursing lift tub
model München IV
type HW 2100 AC
part-no. AP5021

On-site connection

1. cold water sleeve 3/4", flush with floor (1a. flush with tiles)
2. warm water sleeve 3/4", flush with floor (2a. flush with tiles)
3. electr.-floor connection (3a. fixed connection box) 230 V, 50 Hz, 0,25 kW, 1 A, cable length 1,5 m, 1,5 mm² *
4. drainage with odour trap Ø 70
5. 4 compound anchors UKA 3 with anchors rod M14 and adhesive cartridges. Bore hole Ø 16 mm, 120 mm deep in concrete (only with floor mounting).
6. Loud speaker cable for the wellness module, 2x bifilar 2,5mm² to be connected with the speaker socket of the onsite hi-fi system. Amplifier output power 2 x 50 - 75 Watt / 4 Ohm.
(*6 wall connection)

On site safety measures:

Stop cock cold and warm water.
Ddrinking water protection (DVGW DIN 1988 section 4.1.1) according to pre-assembly drawing
If the drain hose is connected directly to the floor drain, must a room drain be designated.
All-pole circuit breaker within the room. Protection switch, nominal fault current max. 30 mA *,
If the tub was equipped with the emergency calling device, must a 2-wire cable installed.
Electric installation according to DIN IEC/VDE

Minimum door width for installation: 85 cm

Technical details subject to change

nursing lift tub
model Rügen
patented DBP
type HW 1900 AC
part-no. AP5019

Nursing tub for free placement without floor mounting.

Consisting of:

Tub and instrument panel designed as seamless compact unit made of acrylic glass, vacuum deformed. Tub cladding and installation cladding made of plastic. Choice of colours according to Trautwein colour chart.

Tub equipment

- 1 drainage and overflow battery 1 1/2" with connecting pipe to floor drainage.
- 1 Hans-Grohe-thermostatic with scald protection, flow rate 48l/min. Filling time 3 min. at 3 bar.
- 1 converter valve for the functions tub filling, handshower and disinfection.
- 1 press-button hand shower 1/2" with 2m hose and holder. Connected to the thermostatic mixer with scald protection. Dosing also possible by the converter valve.
- 1 inlet shell 1" for splash-free filling over free inlet according to DIN 1988.
- 2 high-pressure hoses 3/4" for cold and warm water; brass piping; brass and red-brass fittings.
- 1 neck cushion.
- 1 tub shortener integrated, made of white plastic. It snap in the recess of the tub body.

Drive and construction

- 1 load lifting system synchronized for absolute even lifting and lowering with mechanical spindle drive with automatic end- and safety switch off
- 1 electric box IP65 protected
- 1 pneumatically controlled remote control for lifting and lowering. Length of control line approx. 1,5 m.
- 1 steel frame as support construction. All metal parts are protected against corrosion. Adjustment legs made of plastic.

Technical data:

dimensions external: 1920 x 830 x 1170 mm
internal: 1630 x 650 x 440 mm
tub edge working area: 650 - 1050mm
tub volume: 200 l
filling time at 3 bar - 3 min.
drain time with free outlet - 4 min.
overall weight: 180 kg
el.-connection: 230 V AC
On site safety measures according to cold and warm water connection with drinking water protection (DVGW DIN 1988 section 4.1.1) according to pre-assembly drawing.



The following parts are production line included:

Part-no. SP0110

1 tub shortener adjustable, made of white plastic material. It is easy to shift in the deepening of the tub to alternate the length.

Module for senior wellness in height-adjustable tubs Part no. ZP5720 (option)

For applying sound wave massages and colour therapy.

Sound wave massage

The on-site hi-fi system sends steadily high quality sound waves to the water and so to the bather. depending on the auditory selection, body and soul gets stimulated or relaxed. The tub is the sound body, there is no loud speaker necessary. The intensity gets regulated by the hi-fi system.

Colour light therapy

Depending on the indication, there can be created different therapeutically adapted colour ranges. Precise high-performance LED's provide a flicker-free light to release and support regenerative processes in the body.

Technical details

- 1 electronic control unit for colour light: white-blue-green-red and colour mixes. Colour selection by button.
- 2 colour light spot for a flicker-free LED light.
- 2 oscillating coils for sound waves with connection box. Connection with the on-site hi-fi system with the speaker socket. Amplifier output power 50 – 75 W / 4 Ohm.

Accessories: see overview sheet 08.05.01 and 08.05.02 special fittings and accessories

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Technical details subject to change

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08.05.04

nursing lift tub
model Samarit
patented DBP
TÜV-GS-approved
type HW 1700 AC
part-no. AP5050

Height-adjustable tub with removable, integrated seat as alternative to tubs with door. The seat dive into the water, while the tub is moving upwards. Made for the care at home, the ambulant care and the care in nursing homes.

Tub designed as a seamless compact unit made of acrylic glass, vacuum deformed. Tub cladding made of plastic. Choice of colour according to Trautwein colour chart. Standard height adjustment by air controlled spindle drive.

Tub equipment

- 1 drainage and overflow eccentric fitting 40 mm diameter with connecting pipe to floor drainage
- 1 inlet shell 1" for splash-free filling.
- 1 high-pressure hose ¾" for tub filling with 1" wrap nut for wall mounting, (also deliverable with built-in thermostatic mixer, see accessories)
- 1 removable seat made of aluminium, plastic coated, including revolving plate and hand grip.
- 1 cushion, inflatable.

Drive and construction

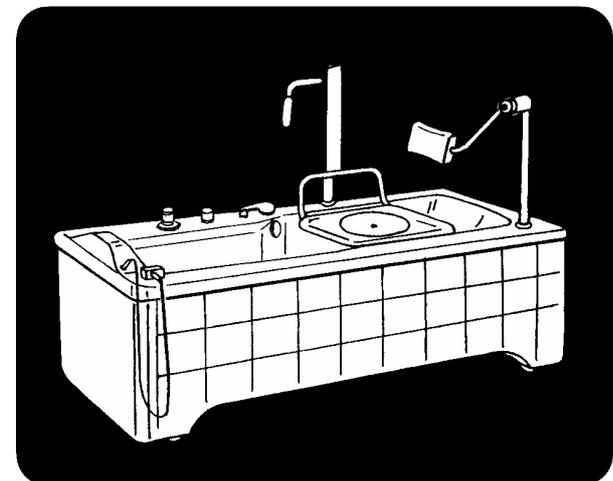
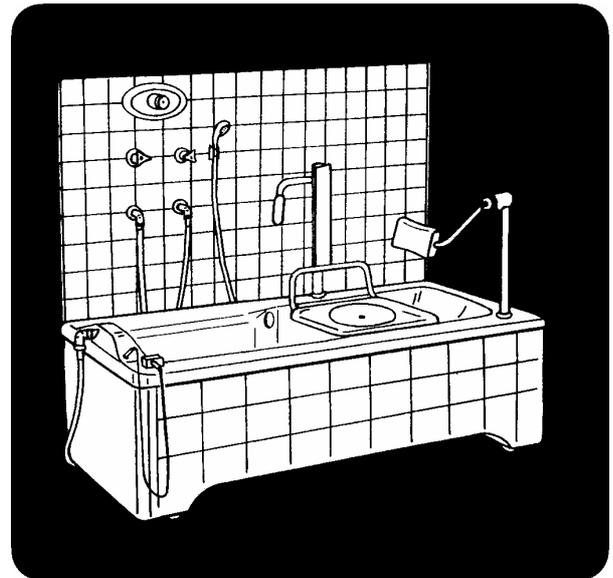
- 1 mechanical spindle drive with automatic end and safety switch off
- 1 synchronically controlled lift system for even lifting and lowering, even if loaded unevenly - DBP patented
- 1 pneumatically controlled remote control for lifting and lowering. Length of control line approx. 1,5 m.
- 1 supporting frame construction. All metal parts are protected against corrosion.

Technical data:

dimensions external:	1700 x 835 x 550 mm
tub edge working area:	550 - ca. 950 mm
tub useful volume:	105 l
overall weight:	120 kg
el.-connection:	230 V WS

Kind of function: the bather is taking place on the revolving plate and is turned 90° (by himself or with help). By actuating the currentless air remote control the tub is lifting. The integrated seat stays always on the same level and direction. When the Samarit-tub is in the highest position, the bather is sitting in the water and the tub is on nursing height.

Accessories: see overview sheet 08.05.01 and 08.05.02 special fittings and accessories



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Module for senior wellness in height-adjustable tubs Part no. ZP5720 (option)

For applying sound wave massages and colour therapy.

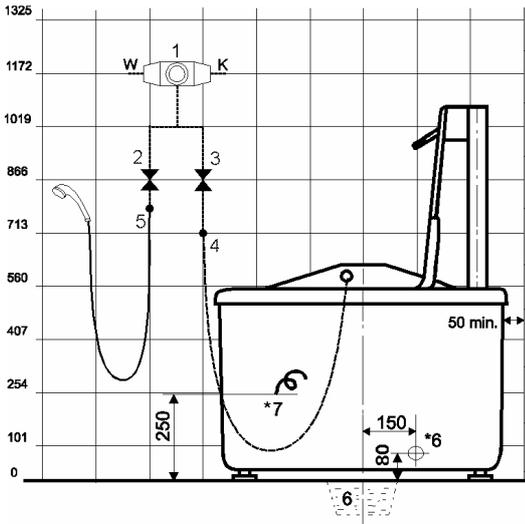
Sound wave massage

The on-site hi-fi system sends steadily high quality sound waves to the water and so to the bather. depending on the auditory selection, body and soul gets stimulated or relaxed. The tub is the sound body, there is no loud speaker necessary. The intensity gets regulated by the hi-fi system.

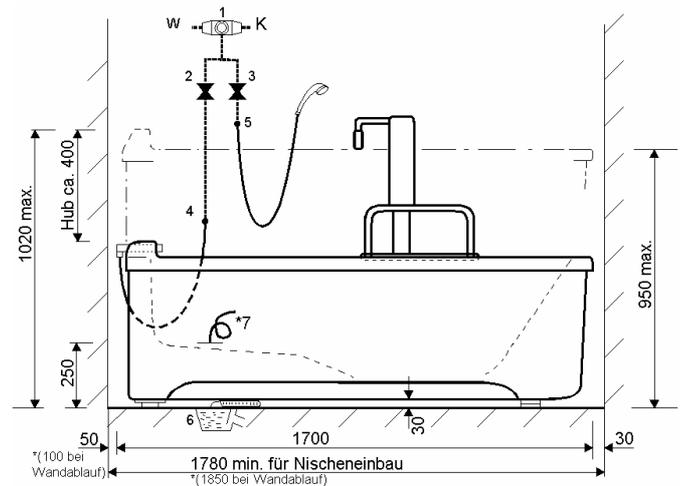
Colour light therapy

Depending on the indication, there can be created different therapeutically adapted colour ranges. Precise high-performance LED's provide a flicker-free light to release and support regenerative processes in the body.

On-site fittings mounted on foot side of the tub.



On-site fittings mounted on length side of the tub.



On-site-connection (wall connection)

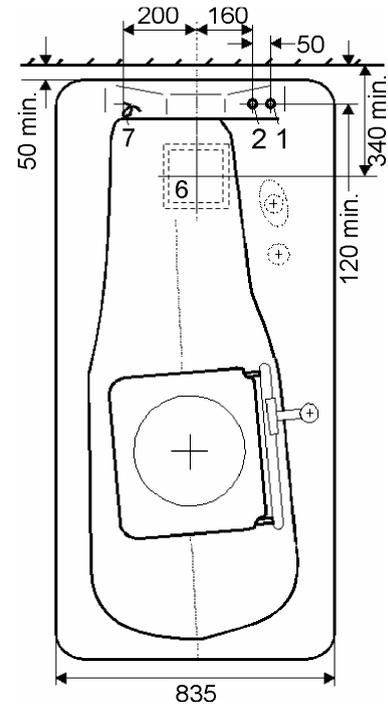
1. UP-thermostat 3/4" (1/2" possible)
2. UP-sleeve 3/4" warm (1/2" possible)
3. UP-sleeve 1/2" warm
4. sleeve 3/4" flush with tiles (filling)
5. sleeve 1/2" flush with tiles (shower)
6. drainage with odour trap Ø 70
(*6 wall drainage Ø 50 sleeve flush with tiles)
7. electrical supply 230V, 50Hz, 200W, cable 1,5m length
8. Loud speaker cable for wellness module, 2x2-core 2,5mm² to loud speaker output of the onsite provided hi-fi system. Amplifier output 2 x 50-75 Watt / 4 ohm.
(*8 wall connection)

On-site-connection (built-in fittings)

1. cold water sleeve 3/4" flush with floor tiles, (1/2" possible)
(*1 flush with wall tiles)
2. sleeve 1/2" flush with floor tiles, (1/2" possible)
(*2 flush with wall tiles)
6. drainage with odour trap Ø 70
(*6 wall drainage, 50mm)
7. electrical supply 230V, 50Hz, 200W, cable 1,5m length
(*7 supply box for fixed connection)
8. Loud speaker cable for wellness module (see wall fittings).

*Standard of our tubs are floor drainage. Depending to the on-site conditions is a mounting on a wall drainage also possible. NOTE: special version - adequate order necessary

With build-in fittings (option)

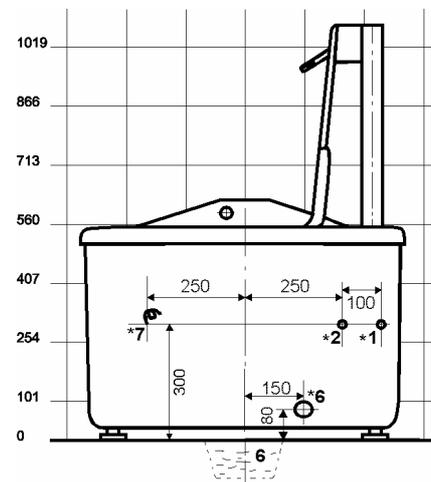


nursing lift tub
model Samarit
type HW 1700 AC
part-no. AP5050

On site safety measures:

Stop cock cold and warm water. All-pole circuit breaker within the room. Protection switch, nominal fault current max. 30 mA, Electric installation according to DIN IEC/VDE
Other installation on demand.
If the tub was equipped with the emergency calling device, must a 2-wire cable installed.

Minimum door width for installation: 70 cm
weight: 140 Kg



Technical details subject to change

ward high-level tub
model München
type SH 2100 AC
Part-no. AP5076

also suited for a later modification
to nursing lift tub München IV

consisting of:

Tub designed as seamless compact unit made of acrylic glass, vacuum deformed, on supporting frame construction with 4 adjustable tub feet, feet made of plastic. Cladding made of plastic, seamlessly encircling the four sides and the bottom of the tub. Choice of colour according to colour chart.

Tub equipment

- 1 drainage and overflow battery 1 ½" with connecting pipe to floor drainage
- 1 thermostatic controlled filling battery ¾" for hot and cold water and hand shower.
- 1 press-button hand shower ½" with hose and holder
- 1 inlet shell 1" for splash-free filling.
- 2 high-pressure hoses ¾" for cold and warm water; brass piping; brass and red-brass fittings
- 2 plastic handles, installed ergonomically in the tub
- 1 cushion, inflatable,

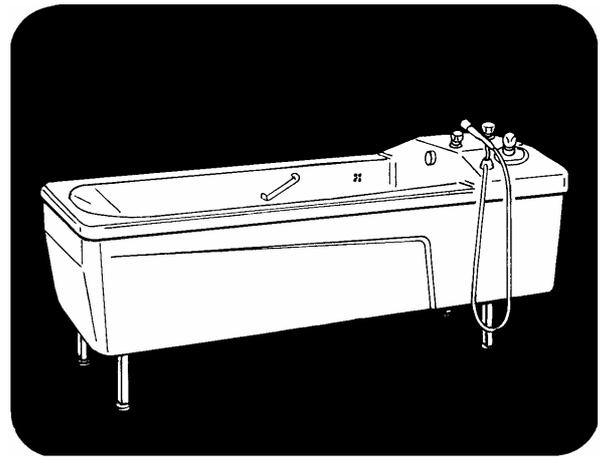
Construction

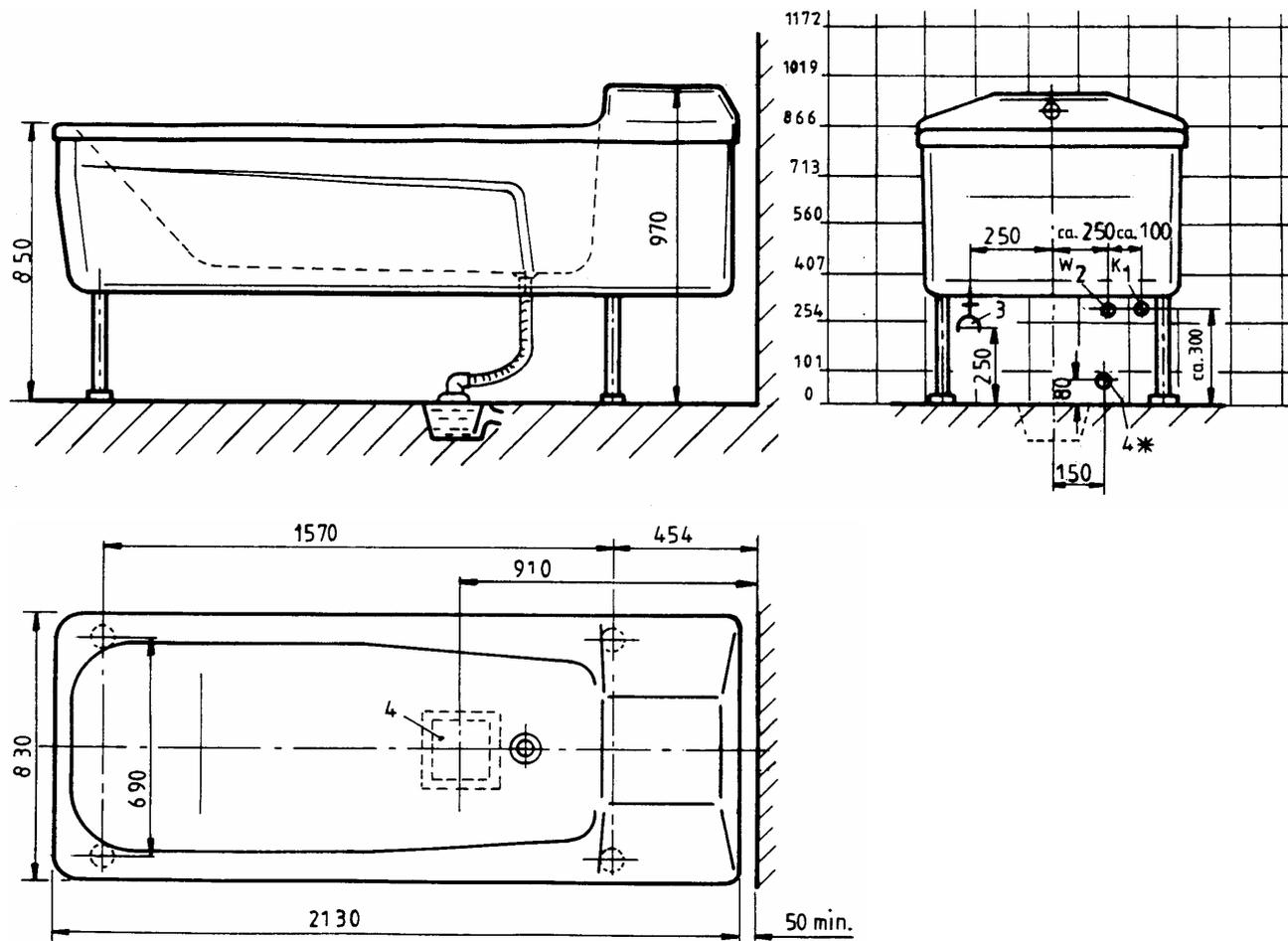
- 1 top frame, prepared for mechanical spindle drive and synchronically controlled lift system
- 1 supporting frame construction made of corrosion protected steel tubes.

Technical data

dimensions internal: 1630 x 650 x 440 mm
external: 2130 x 830 x 850 mm
tub volume: 220 l
overall weight: 95 kg

Accessories: see overview sheet 08.05.01 and 08.05.02
special fittings and accessories

**5**



ward high-level tub
model München
type SH 2100 AC
part-no. AP5076

On-site connection

1. cold water sleeve 3/4", flush with tiles
2. warm water sleeve 3/4", flush with tiles
3. electr.-floor connection (3a. fixed connection box) 230 V, 50 Hz, cable length 1,5 m, 1,5 mm² *
4. drainage with odour trap Ø 70

* standard fittings for waste water are for floor connection. Depending to the on-site connections is a wall connection for waste water possible. It must mentioned by ordering.

On site safety measures:

Stop cock cold and warm water. All-pole circuit breaker within the room. Protection switch, nominal fault current max. 30 mA *, Electric installation according to DIN IEC/VDE.

If the tub was equipped with the emergency calling device, must a 2-wire cable installed.

* only necessary if later modification to nursing lift tub München IV is done or for use with ultrasonic unit.

Minimum door width for installation: 85 cm
weight: 138 Kg

Technical details subject to change

ward high-level tub
model Dresden
type SH 1900 AC
part-no. AP5073

consisting of:

Tub designed as seamless compact unit made of acrylic glass, vacuum deformed, on supporting frame construction with 4 adjustable tub feet for tub made of plastic. Cladding made of plastic, seamlessly encircling the four sides and the bottom of the tub. Choice of colour according to colour chart.

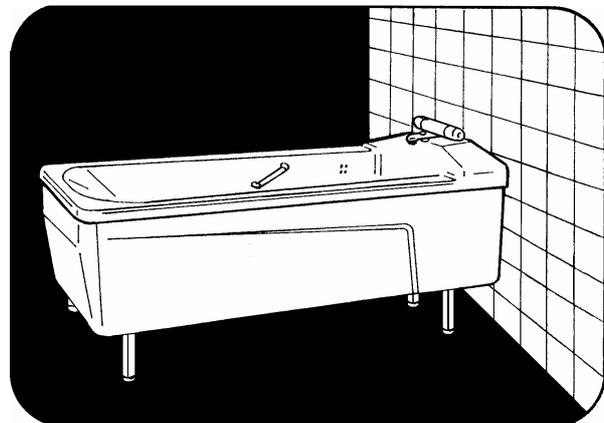
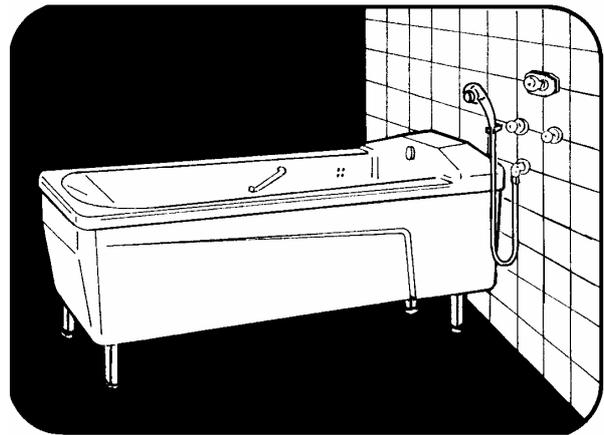
Tub equipment

1 drainage and overflow battery 1 1/2" with connecting pipe to floor drainage
1 inlet shell 1" for splash-free filling incl. high pressure hose 3/4" and connecting angle with rosette.
2 plastic handles, installed ergonomically in the tub
1 cushion, inflatable.

Technical data:

dimensions	internal:	1630 x 650 x 440 mm
	external:	1920 x 830 x 850 mm
tub volume:		220 l.
overall weight:		85 kg

Accessories: see overview sheet 08.05.01 and 08.05.02
special fittings and accessories



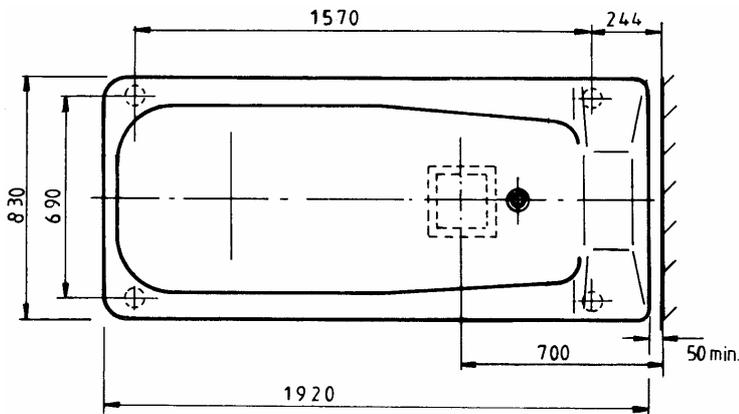
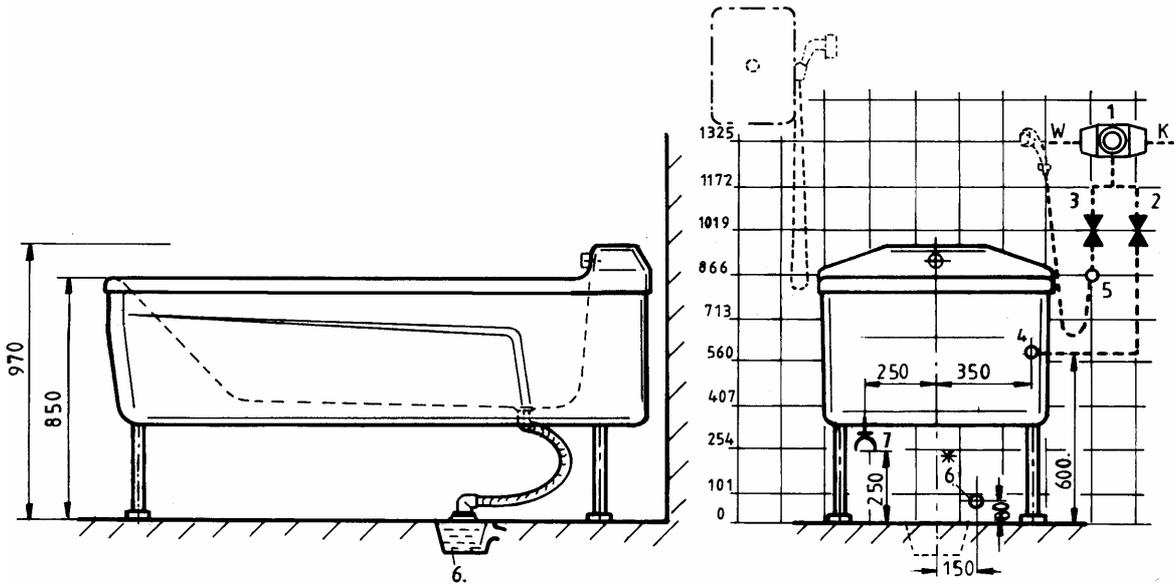
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08.05.07



On-site-connection (built-in fittings)

1. cold water sleeve 3/4" flush with floor (1*. flush with tiles)
2. warm water sleeve 3/4" flush with floor (2*. with tiles)
3. electr.-floor connection (3*. fixed connection box) 230V, 50Hz, 0,25kW, 3x1,5 mm²
4. drainage with odour trap Ø 70
- 4* (wall drainage Ø 50 sleeve, flush with tiles)

Minimum door width for installation: 86 cm
weight: 128 Kg

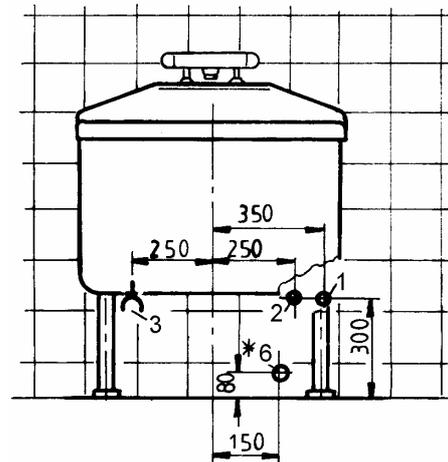
ward high-level tub
model Dresden
type SH 1900 AC
part-no. AP5073

On-site connection

1. UP-thermostat 3/4"
2. UP-valve 3/4" warm
3. UP-valve 1/2" warm
4. sleeve 3/4" flush with tiles (filling)
5. sleeve 1/2" flush with tiles (shower)
8. drainage with odour trap Ø 70
9. socket 230 V, 50 Hz, 80 W (for ultrasonic unit).

On-site-connection (wall fittings)

1. UP-thermostat 3/4"
2. UP-sleeve 3/4" warm
3. UP-sleeve 1/2" warm
4. sleeve 3/4" flush with tiles (filling)
5. sleeve 1/2" flush with tiles (shower)
6. drainage with odour trap Ø 70
- 6*. (wall drainage Ø 50 sleeve, flush with tiles)
7. socket 230 V, 50 Hz, 200 W.



Note: If the tub was equipped with the emergency calling device, must a 2-wire cable installed.

Technical details subject to change

shower trolley
model Senior
type DW 2
part-no. AP5080

upholstered shower bed with upholstered splash-protection walls on each sides, drop-leaf type. Integrated supporting plates. Built in outlet with plug 2½".

For a better water flow off, the shower bed can be put in a inclined position. Lifting system with electro-mechanical jog-free height adjustment, 250 mm lift with electronic switch-off.

Mobile remote control with magnet holder. Currentless air-drive controller to activate electrical control for lifting and lowering "up - down". Battery storage capacity 6 Ah. Integrated battery charger with electronically controlled overload protection 230/24 V

Charge monitor lamp. Cable length 1,5 m. Drive carriage plastic coated white RAL 9010 with 4 caster wheels Ø 100 mm with brake device and 4 turn-at-all-wheels.

1 head cushion.

**5****Technical data:**

max. load	150 kg
hoist	250 mm
battery-capacity	3 Ah
dimensions of shower plate	680 x 2010 mm
dimensions over all (side walls open)	990 x 2320 mm
weight: 100 Kg	

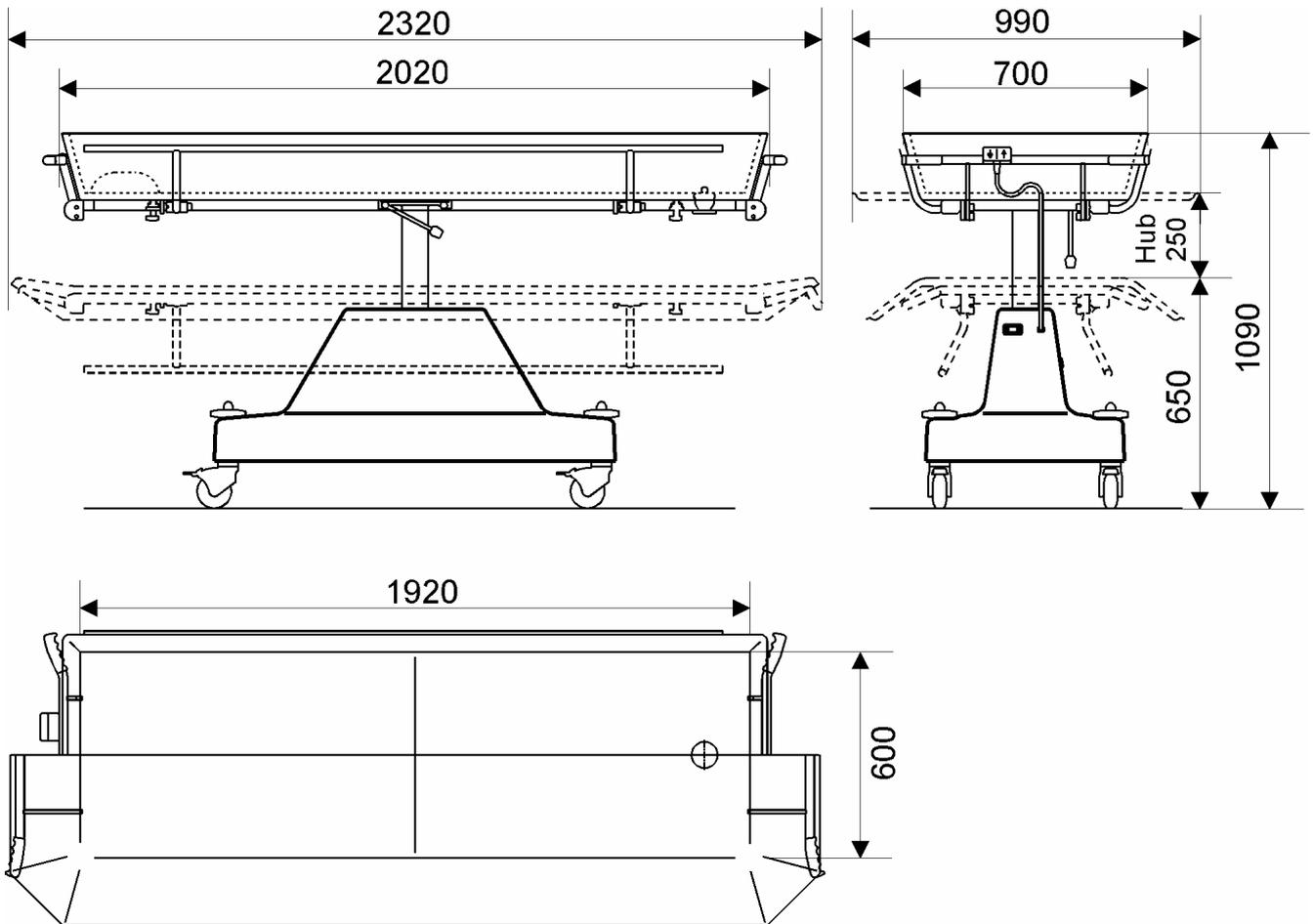
Accessories: see overview sheet 08.05.01 and 08.05.02
special fittings and accessories

Technical details subject to change

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08.05.08



shower trolley
 model Senior
 type DW 2
 part-no. AP5080

Loading device: Prim: 230V 50/60 Hz
 Sec.: 24V DC

Lift range: 250 mm

Technical details subject to change

Thermo-Spa - Concerto

part-no.: AW7600

Treatment system for full body packs in the physical therapy and geriatrics with the option to enlarge the system through the well-feeling-module Concerto with body-sonic and acoustic wave massage. An emergency call system can be connected to the on-site installation.

Tub fittings:

Tub body and cladding made of glass fiber reinforced plastic. Choice of colour according to colour chart, special colours on demand, black base. The whole unit is moveable with sloping head support. Electromechanical height adjustment without using an air compressor.

The couch is always at the same height, the tub moves upwards and the warm water under the foil covers the user's body. The two-part-covering covers the user.

All functions can be selected menu-driven through a touch screen. The functions are displayed through symbols.

tech. data:

length: 2440 mm
width: 1087 mm
sit-over height: 730 mm
height in upper position: 1070 mm
weight without water: 230 Kg
electrical connection: 230V, 50Hz, 2500W



Options:

Well-feeling-module Concerto part-no.: ZW7610

for body-sonic and acoustic wave massage, connection to on-site audio-system.

The tub is the speaker, the appliance has no loudspeakers. The played music can be felt and heard. The water transfers the vibrations over the foil to the user's body in unexpected intensity.

5

AquaJet Massage-device

Part-No.: ZW7615

The nearly weightless body get a massage by 20 jets, controlled by an electronic distributor.

Always beginning at the thighs, the pulsating massage jets are moving along 5 zones in heart direction up to the shoulders and beginning again at the thighs until the set treatment time is over.

The intensity is regulated by the residence time in the zones. The control and program selection is via Touchtronic display. With the emergency-stop key, it is possible to abort the treatment at any time.

Specifications:

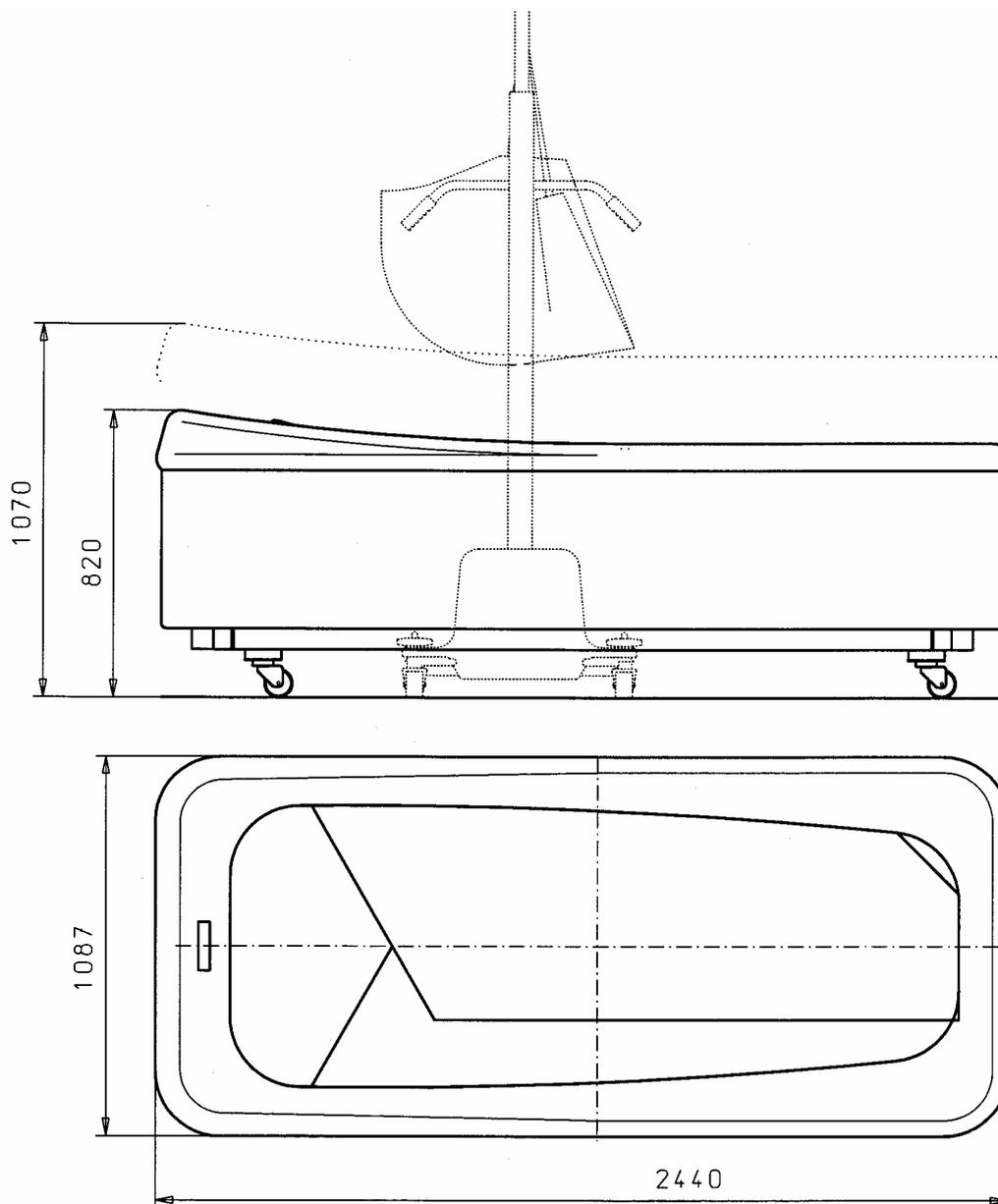
- 20 integrated massage jets
- 1 electronically controlled distributor
- 1 high-performance turbine with 400 l/min.
- 1 electric control with operation via Touchtronic display
 - with the functions: - program selection
 - time selection
 - temperature selection

Increase the height for hoist access

part-no.: ZW7550

The unit can be supplied with longer feet (+120mm) for mobile hoist access.

Technical details subject to change



Thermo-Spa part-no. AW7600

On-site connections:

Wall socket 230V, 50Hz, 2500W. Fused with 15A. Connection through wall or floor socket.

For filling a cold water connection 1/2" (drinking water) close to the unit is necessary.

For draining an emptying or a possibility to outdoor near the unit is necessary.

With option well-feeling-module Concerto

Microphone cable 2-wires, shielded to the head-phone jack of the on-site audio-system for the well feeling system. Wall or floor connection.

Emergency call device

2 wire cable to the on-site emergency call system.

On site safety measures:

System weight 580 Kg (350 liter water of it) shared on 2m².

If the room humidity is more than 70%, a room dehumidifier system must be intended.

Not suitable for aggressive air conditions (for example: salt-, sulfur-, chlorinated air).

Minimum door width for carrying in: 60 cm.

Minimum recess width: 250 cm.

load per surface: 340 Kg/m²

Technical details subject to change

Technical details subject to change

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08.05.12

Crystal - Solo part-no. AW 7800

for sound frequency-, colour light- and magnetic field therapy.

Consisting of:

Special acrylic glass tub, self-supporting, ergonomically shaped, built compactly, seamlessly vacuum-deformed, for use in relaxed position. Maximum tub depth 510 mm guarantees the water covering up to 1,90m height. Usable tub capacity 190 litre, tub colour: white

One-piece cladding made of plastic material with inspection door. Cladding colour: according to colour chart.

Tub fittings:

- 80 built-in light-emitting diodes for the colour light-therapy for colours red - yellow - green - blue as well as corresponding colour mixture.
- 1 electronic for the sound frequency-therapy with connection to the on site audio-system.
- 2 magnetic coils with electronic control unit for the magnetic field-therapy.
- 1 pair of handles.
- 1 built in filling battery consisting of 1/2" thermostat, nominal power 48 litres/min and switch valve for function tub filling, hand shower, off.
- 1 eccentric overflow- and drain combination
- 1 head cushion.
- 1 tub shortener.

Control unit with the following functions:

1. Start - Stop.
2. Audio on/off with volume control.
3. Automatic frequency depending colour light adjustment.
4. Individual colour choice between red - yellow - green - blue.

Technical Data:

Approx. Dimensions: 1800 x 800 x 840 mm
el.-connection tub: 12 V from power supply
el.-connection power supply: 100-240 Volt 50/60Hz 200W
dimensions power supply: 250 x 160 x 90 mm

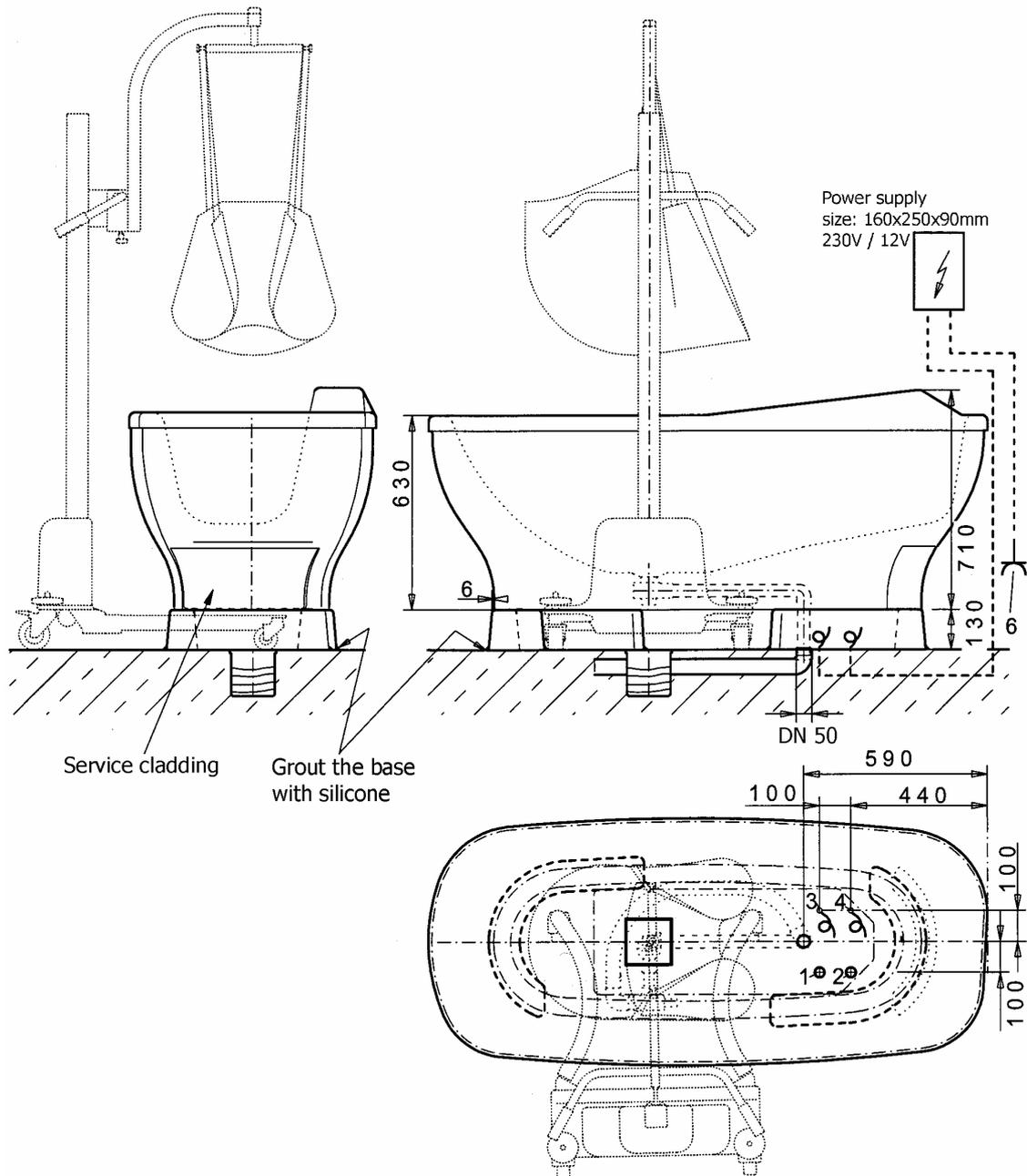
Option:

Base for hoist access

part-no.; ZW7850

The tub can be raised up about 130mm by a two-part base for mobile hoist access.





Crystal - Solo part-no. AW 7800

On-site connections

1. cold water sleeve 1/2", flush with floor
2. warm water sleeve 1/2", flush with floor
3. cable 2 x 10 mm² from the power supply (e.g. in the power board) to the tub, cable length out of the floor min. 1,5 m.
4. shielded microphone cable to the head phone connector of an on-site audio system which is only for the Crystal bath, cable length out of the floor min. 1,5 m.
5. Drainage with odour trap and additional side inlet \varnothing 40/50.
6. wall socket 230V / 50Hz, fused 15A or direct connection in on-site fuse box.

On site safety measures:

Stop cock cold and warm water
All-pole circuit breaker within the room
GFCI Protection switch, nominal fault current max. 30 mA
Potential equalizer.

Minimum door width for installation: 75 cm
Weight: 80 Kg

The floor below the tub must be levelled.

Technical details subject to change

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08.05.12

Crystal - Duett part-no. AW 7820

for sound frequency-, colour light- and magnetic field therapy.

Consisting of:

Special acrylic glass tub, self-supporting, ergonomically shaped, built compactly, seamlessly vacuum-deformed, for use in relaxed position for 2 persons. Maximum tub depth 510 mm guarantees the water covering up to 1,90m height. Usable tub capacity, single bath 220 litre, duett bath 190 litre, tub colour: white

One-piece cladding made of plastic material with inspection door. Cladding colour: according to colour chart.

Tub fittings:

- 80 built-in light-emitting diodes for the colour light-therapy for colours red - yellow - green - blue as well as corresponding colour mixture.
- 1 electronic for the sound frequency-therapy with connection to the on site audio-system.
- 2 magnetic coils with electronical control unit for the magnetic field-therapy.
- 1 pair of handels.
- 1 built in filling battery consisting of 1/2" thermostat, nominal power 48 Liter/min and switch valve for function tub filling, hand shower, off.
- 1 excenter overflow- and draincombination
- 2 head cushion.

Control unit with the following functions:

1. Start - Stop.
2. Audio on/off with volume control.
3. Automatic frequency depending colorlight adjustment.
4. Individual color choice between red - yellow - green - blue.

Technical Data:

Approx. Dimensions: 1900 x 1000 x 860 mm
el.-connection tub: 12 V from power supply
el.-connection power supply: 100-240 Volt 50/60Hz 200W
dimensions power supply: 250 x 160 x 90 mm

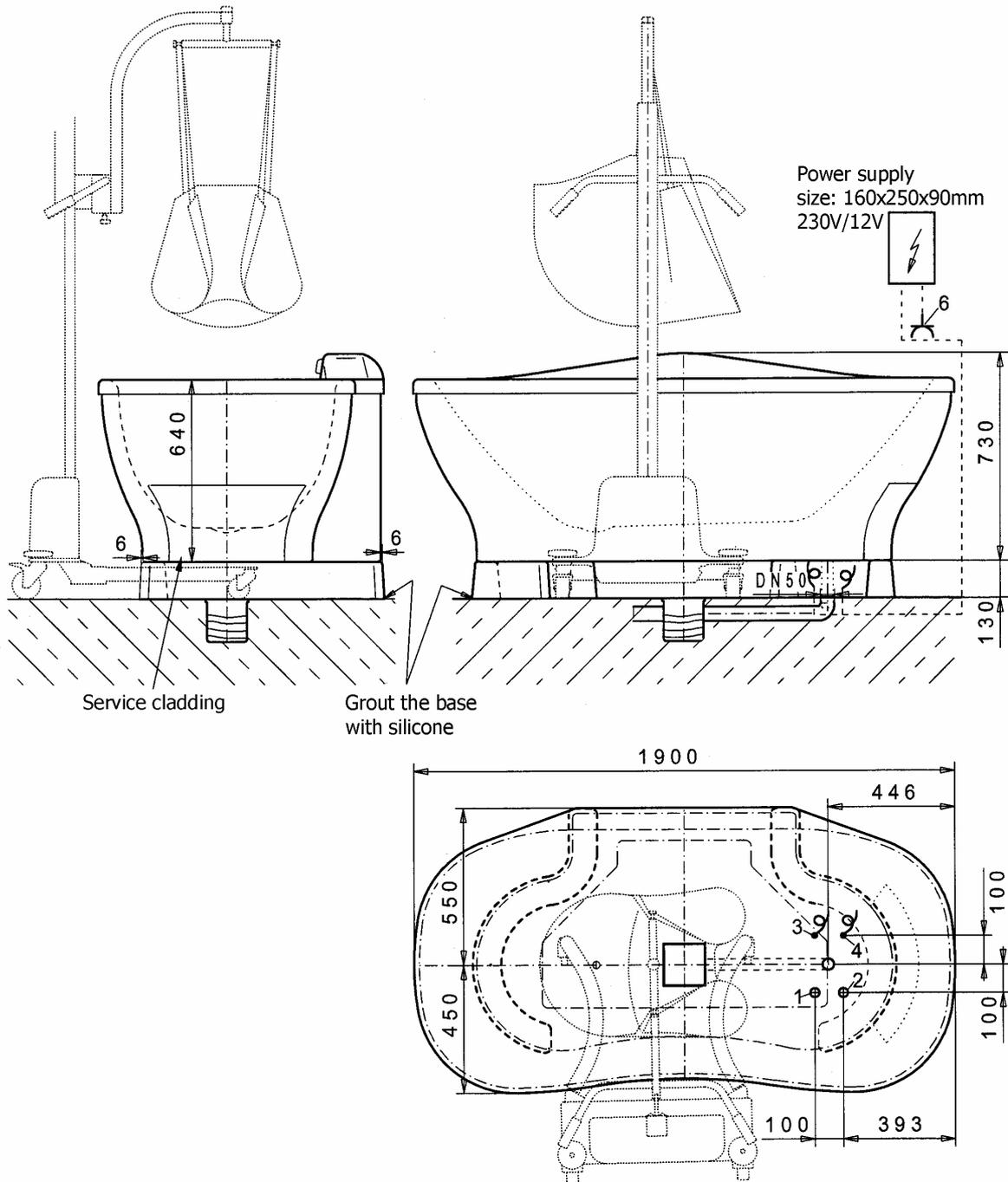
Option:

Base for hoist access

part-no.; ZW7860

The tub can be raised up about 130mm by a two-part base for mobile hoist access.





Service cladding

Grout the base with silicone

Crystal - Duett part-no. AW 7820

On-site connections

1. cold water sleeve 1/2", flush with floor
2. warm water sleeve 1/2", flush with floor
3. installation pipe 16mm to 12V power supply.
4. installation pipe 16mm to the head phone connector of an on-site audiosystem which is only for the Crystal bath.
5. Drainage with odour trap and additional side inlet \varnothing 40/50.
6. wall socket 230V / 50Hz, fused 15A or direct connection in on-site fuse box.

On site safety measures:

Stop cock cold and warm water
All-pole circuit breaker within the room
GFCI Protection switch, nominal fault current max. 30 mA
Potential equalizer.

Minimum door width for installation: 75 cm

Weight: 120 Kg

Technical details subject to change

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06.07.13a

The floor below the tub must be levelled.

Technical details subject to change

08.05.12

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