

Product information

Mobile floor-standing device for gross motor skills WP 9

Art. No. 1626000



Fig. 1

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1 General information

The WorkPark offers treatment options for the implementation of occupational therapy as part of medical-occupational rehabilitation. Based on a job analysis (job profile), motor-functional exercise treatments can be tailored with an occupational focus, allowing for the creation of ability profiles and performance analyses.

The WorkPark therapy devices are multifunctional and can be combined with each other so that complex treatments or complex tasks can be trained. All devices can therefore be used for injuries to the upper and lower extremities. The repetitions, speed, obstacles, weights of the objects to be carried and working heights can be increased as the programme progresses.

The device complies with Regulation (EU) 2017/745 on medical devices.

Manufacturer: Nitzbon AG, Osterrade 14, D-21031 Hamburg, www.nitzbon.de, info@nitzbon.de

This device offers training options for strong grasping with and without tools in combination with typical working positions such as dynamic standing, bending, squatting and kneeling. It can be combined in many ways, e.g. with the WP 12 multifunctional box, the WP 6 course bar and the WP 1 shelving system.



Fig. 4



Fig. 2



Fig. 3



2 Safety instructions

- Work on the WP 9 coarse motor skills mobile standing device may only be started with the castors locked (4x).
- The floor should be even and clean. There is a risk of unintentional rolling on uneven floors.
- Work on the mobile standing device may only be carried out after the patient has been instructed by the therapist in accordance with the UVV guidelines (e.g. work shoes!).
- Please note that the flange plates (starting sleeves) must be firmly attached to the frame! **Danger from falling flange plates!**
- The appliance may only be used with the accessories supplied! **Danger from falling accessories! Falling parts can damage the floor!**
- The appliance has been developed exclusively for indoor use!

2.1 Areas of application

- Use in medical-occupational rehabilitation (MBOR)
- Possible applications in inpatient and outpatient occupational therapy (BGSW, EAP and occupational therapy practices)
- Work simulation training
- Comparison of activity profile and ability profile
- Preparation of labour market-related occupational therapy performance analyses



2.2 Contraindications and exclusions

- Known unstable cardiovascular diseases without prior cardiological examination
- Known lung diseases with risk of spontaneous pneumothorax
- Known osteoporosis from stage 2
- Known spondylolisthesis from stage 2
- Inflammatory joint diseases in acute relapse
- Stress-unstable osteosynthesis
- Acute diseases of the central nervous system
- Acute infections

- Fresh thromboses
- Pregnancy
- Severe visual impairment (visual acuity < 0.02 on both sides with correction, central visual field defects)
- Global respiratory insufficiency (insufficient breathing) -
- Severe cognitive impairment -
- Lack of compliance

Criteria for discontinuing the use of this device for therapeutic purposes: -

Reaching the maximum load frequency (heart rate 220 beats/min. minus age)

- Increasing pain or multiple pain-related interruptions as well as visible signs of pain
- Increasingly unphysiological posture
- Uncertainty in load handling
- Other physical abnormalities (pallor, reddening of the skin, sweating, tremor)

3 Qualification of operator and user

3.1 Operator

An operator is any natural or legal person (e.g. clinic, hospital, rehabilitation centre, hospital management) who has material control over the product. The operator is responsible for the safe operation of this medical device.

3.2 Obligations of the operator

Observe your obligations as the operator in accordance with the Medical Devices Operator Ordinance (MPBetreibV) to ensure the long-term safe operation of this medical device without any hazards for patients, applications and third parties.

Only allow this WorkPark appliance to be operated by trained personnel!

Advise users of the storage location of these instructions for use in accordance with MPBetreibV §9! Use these instructions, supplied with the WorkPark device, to instruct users in the safe operation of the therapy device before using it for the first time.

Make every user aware of the potential hazards associated with improper use of the WorkPark device.

Ensure that all colleagues are adequately instructed in the operation of the WorkPark device and make sure that the safety instructions are followed!

After an appropriate period of time (at least every 12 months), carry out a check for function and damage!

If the WorkPark device changes operator, the operating instructions must be handed over with it.

3.3 Users

Users (e.g. therapists, doctors) are persons who are authorised to operate the WorkPark device on the basis of their training, experience or instruction, or to explain to the patient how the device may be used.
You can also recognise and avoid potential hazards.

Users with a technical background (e.g. in-house technicians, service technicians) are persons who are able to carry out special technical work on the WorkPark device due to their training or instruction by the operator.

3.4 User qualification

Users must have the following minimum qualifications to operate the WorkPark device:

- Medical-therapeutic training
- Instruction in the handling of the WorkPark device by the operator

To install the WorkPark device, the user with a technical background must have read and understood the operating instructions.

Maintenance of the WorkPark device requires prior instruction by the manufacturer.

3.5 Obligations of the user

Have the operator instruct you in the safe operation of this WorkPark device.

As the user, you are obliged in accordance with MPBetreibV §2 to check the functionality and proper condition of the WorkPark device before each use and to observe the operating instructions - in particular the safety instructions - when operating the device for maintenance purposes. Only then can operating errors be avoided and correct operation ensured in order to prevent damage to persons and material.

Make sure that there are no obstacles in the way when adjusting the height or depth of the appliance.

When setting up or installing additional WorkPark devices, ensure that all devices are securely fastened and functioning correctly.



CAUTION!

Switch off the WorkPark device if there is any suspicion of damage or a malfunction!

To do this, clearly label the WorkPark device as DEFECTIVE and report this condition to your responsible operator immediately.

4 Assembly and commissioning

4.1 Scope of delivery

The mobile gross motor skills unit is supplied packed on a pallet with the following parts:

- Free-standing steel construction made of square tube with cantilever to the right and left incl. 1 set of braked castors diameter 7.5 cm; steel frame powder-coated light grey similar to RAL 7035
- Four initial sockets that are infinitely height-adjustable
- one 17 mm combination spanner
- Two storage boxes
- The scope of delivery includes pipe accessories, sockets, pipe wrench
- 116-piece included

4.2 Assembly

The Mobile Stand is supplied in five parts:

- 1 piece frame
- 2 side panels
- 2 hook-in brackets for the blue boxes
- 1 set of castors incl. assembly material included.

Please note that the Mobile Stand should only be set upright once the castors have been fitted. The floor should be level and clean. If the floor is uneven, there is a risk of it rolling away unintentionally.

The left and right side panels are secured in 3 places using the screws supplied. The rollers are then fitted.

The holders for the boxes can be hooked inwards or outwards. Depending on the order given to the patient, the holders can be repositioned in just a few seconds.



Fig. 5

5 Operation

Space requirement:

W120 cm x D120 cm

The device should be positioned in such a way that the patient has enough space to walk around the device in accordance with the task.

The two boxes are used to store the pipes and sleeves.

5.1 Positioning the starting sleeves on the frame

At the beginning, 1-4 initial sockets are attached to the frame by the therapist using the spanner provided, depending on the exercise instructions.

The open-end spanner has a magnetic attachment and is thus held on the frame.



Fig. 6

The scope of delivery includes

- 2 sockets with rocker arm M10x60
- 2 sockets for spanner 17 mm



Attention- please ensure that the initial sleeve is securely fastened!

4.2 Use of pipe accessories and sockets

Pipes and sleeves can now be connected depending on the exercise specifications. You can work towards the floor or the ceiling.

The mobile standing device can be combined with many other WorkPark devices in a variety of ways.



Fig. 7

4.3 Fitting the pipes

The tube sections allow for a variety of configurations when screwing them together. Depending on the therapist's instructions, patients can build from all sides and in depth or height.

For orientation you will find in Fig. 9 and Fig. 10 two examples of how the pipes can be screwed together. There are no limits to your imagination and creativity.



Fig. 8

In this situation, the mobile accessory table WP 2 is used together with the mobile standing appliance.

*Fig. 9**Fig. 10*

6 Maintenance

- Like any other product that is subjected to intensive use, this therapy device also requires regular care and maintenance.
- It is important to ensure that the appliance is in perfect condition before each use.
- In addition, the condition of the initial sockets on the frame should be checked depending on utilisation.
- Immediately cease use of the device should you discover a defect. Please check the castors every two months to ensure that they are in good working order and that they are firmly connected to the frame.
- We recommend 12-monthly maintenance.
- Inspection, maintenance or repair must be carried out by appropriately trained personnel.

Please observe the following care instructions:

- Never clean the surfaces with running water!
- Use a damp cloth for cleaning and only use mild, soap-based cleaning agents.
- After wiping, rub all surfaces dry.
- Do not use abrasive products

7 Technical data

Product from the WorkPark product group.

Frame dimensions:	Height incl. castors	1900 mm
	Width:	1060 mm
	Depth:	630 mm

Space requirement:	Height:	2300 mm
	Width:	1800 mm
	Depth:	1700 mm

Weight:	56 kg
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Materials:	Welded steel tubes Various plastic components
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Surface finish:	Powder coating light grey RAL 7035
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Max. Load on the frame:	Maximum with the complete set of supplied accessories
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Temperature:	5-45°C
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Air humidity	5-85% (non-condensing)
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8 Product labelling



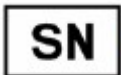
The device complies with Regulation (EU) 2017/745 on medical devices.



Name and address of the manufacturer



Date of manufacture



Serial number



Read the instructions for safety-related information and warnings.



The product is a medical device.



UDI-DI for unique product identification

8.1 Explanation of the symbols



Indicates a potentially dangerous situation. In this case, it can lead to serious injury or death.



Indicates a potentially dangerous situation that can lead to minor or moderate injuries. It can also be used to warn against unsafe practices.



Always keep this manual in the immediate vicinity of the product. The use, installation and maintenance of this product must be carried out in accordance with this manual in order to avoid accidents and serious injury. Never use or handle this product in any other way than described in this manual, as this may result in personal safety risks and/or damage to the product. Persons installing and/or using this product as an operator or patient should have the necessary safety information and access to this manual.



Always follow the instructions in this manual to avoid damaging or destroying the product. Otherwise, the safety of this product may be impaired. Do not carry out any repairs, disassembly or assembly work, extensions, readjustments or modifications to the product that go beyond the options described in this manual. These must be carried out by Nitzbon or personnel authorised by Nitzbon. Do not carry out any maintenance work while working with a patient. Do not allow children to operate this product unless they are supervised by an adult who has read and understood this manual. The product is not intended for play. Do not use the product if it is defective or damaged until it has been repaired or replaced.

9 Worksheet WP 9 Standing device for gross motor skills

All the equipment in the WorkPark can be used to train both upper and lower limb injuries. The training devices can all be combined with each other, resulting in multifunctional use for complex movements.

The therapy materials comply with international industry standards.

Possible applications:

- Inpatient and outpatient occupational therapy
- Work simulation training
- Comparison of job profile and skills profile
- Preparation of occupational therapy performance analyses related to the labour market
- ABMR

The following forms of exercise can be evaluated and trained with the WP 9 gross motor skills standing device:

Standing

Level substrate in conjunction with work in the small and large gripping area (up to overhead) in a static standing position.	<i>In combination with: Working materials WP, tools multifunction box WP 12, Course pole WP 6,</i>
Working in a dynamic standing position in Connection with walking routes in the Operating radius of 15 m	<i>In combination with: Working materials WP, tools Combination options; multifunctional box WP 12, parcour pole WP 6, wall system WP 3</i>
in conjunction with bending forward	<i>In combination with: Work materials WP, tools multifunctional box WP 12, course pole WP 6,</i>
Working in a dynamic standing position in Connection with right/left rotation	<i>In combination with: Working materials WP, tools, multifunctional box WP 12, obstacle course pole WP 6,</i>
in conjunction with repeated knee flexion	<i>In combination with: Working materials WP</i>
Forefoot load	<i>In combination with : Balance beam WP 11, multi-step WP 7, multifunctional box WP 12</i>

Kneeling

Kneeling in connection with work in the large reach zone	<i>In combination with: Working materials WP, tools</i>
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Squats

Squatting in conjunction with work in the large reach zone (close to the ground)	<i>In combination with: Working materials WP, Tools, multifunctional box WP 12, parcour pole WP 6</i>
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Working in a small grab space

Working in a small grab space	<i>Gross motor activities close to the body: work materials WP, tools multifunctional box WP 12, Parcour pole WP 6</i>
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Work in a large gripping area (away from the body up to overhead)

Maximum gripping space	<i>In combination with: Gross motor activities away from the body Working materials WP, (multi-step WP 7), tools, multifunctional box WP 12, obstacle course pole WP 6</i>
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Hand coordination

Hand-hand coordination Eye-hand coordination	<i>In combination with: Gross motor activities, working materials WP, tools</i>
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Sedentary activities

Working in a seated position (endurance): Working in an inclined position:	<i>In combination with: Working materials WP, tools</i>
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10 SERVICE DESCRIPTION WORKPARK

All devices in the WorkPark can be used to train both upper and lower limb injuries. The devices can be combined with each other, resulting in a wide range of variations.

The WorkPark can be used to evaluate and train the following forms of stress:

Standing

Level substrate in conjunction with work in the small and large gripping area (up to overhead) in a static standing position Target 1 hour	<i>Mobile stand WP 9, Mobile accessory table WP 2, Serial production turntable WP 8, Magnetic board WP 10, Work shelf WP 1, Wall system WP 3, scaling unit WP 13</i>
Working in a dynamic standing position in Connection with walking routes in the Operating radius of 15 m	<i>Combinations: Work shelf WP 1, multifunctional box WP 12, Walker-train-push-dynamic WP 14, Mobile push-pull WP 15, working materials WP</i>
in conjunction with bending forward	<i>Combinations: Work shelf WP 1, course pole WP 6, Magnetic board WP 10, Mobile stand unit for gross motor skills WP 9, Scaling unit WP 13, Working materials WP</i>
Working in a dynamic standing position in Connection with right/left rotation	<i>Combinations: Work shelf WP 1, Work materials WP, Magnetic board WP 10, Mobile stand unit for gross motor skills WP 9, course pole WP 6, scaling unit WP 13</i>
in conjunction with repeated knee flexion	<i>Combinations: Work shelf WP 1, course pole WP 6, Magnetic board WP 10, Mobile stand unit for gross motor skills WP 9, Scaling unit WP 13, Working materials WP</i>
Forefoot load	<i>Balance beam WP 11, multi-step WP 7, multifunctional box WP 12</i>
One-legged stance right	<i>Parcour pole WP 6, balancing beam WP 11</i>
Single leg stance left	<i>Parcour pole WP 6, balancing beam WP 11</i>

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Standing + lifting

From floor height to table height Lifting and lowering with both hands in front of the body	<i>Work shelf WP 1, Working materials WP (boxes, bags)</i>
From floor level to chest height Lifting and lowering with both hands in front of the body	<i>Work shelf WP 1, Working materials WP (boxes, bags)</i>
From floor level to overhead Lifting and lowering with both hands in front of the body	<i>Work shelf WP 1, Working materials WP (boxes, bags)</i>
on the right side of the body	<i>Work shelf WP 1, Working materials WP (canister, bucket)</i>
on the left side of the body	<i>Work shelf WP 1, Working materials WP (canister, bucket)</i>

Kneeling

Kneeling in connection with work in the large reach zone	<i>WP 3 wall system, WP 1 work shelf, WP 9 mobile gross motor skills unit, WP 10 magnetic board</i>
Creep	<i>Parcour pole WP 6</i>

Squats

Squatting in conjunction with work in the large reach zone (close to the ground)	<i>Wall system WP 3, work shelving WP 1, mobile shelving Standing unit for gross motor skills WP 9, magnetic board WP 10, Walker Pull-Push Dynamic WP 14</i>
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Walking and carrying

Walking on level ground Walk a short distance: Target 1 km Long distance walking: more than 1 km	<i>Combinations; Work shelf WP 1, multifunctional box WP 12, work materials WP</i>
Walking on uneven ground	<i>Multifunctional box WP 12</i>
Race	<i>WP stopwatch</i>
with loads on both hands in front of the body	<i>Work materials WP (boxes, sacks, construction buckets)</i>
with loads on the right side	<i>Working materials WP (canister, bucket)</i>
with loads on the left side	<i>Working materials WP (canister, bucket)</i>
Balance	<i>Balance beam WP 11, course pole WP 6</i>
Walking up and down an incline of 30° without a stopping point	<i>Multifunctional box WP 12</i>
Walking on bridges, rafters and fats Without stopping point	<i>Balance beam WP 11</i>
Overcoming obstacles	<i>Parcour pole WP 6</i>

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Push + pull

Pull/push pallet truck	<i>Pull-push device WP 4, Walker-train-push-dynamic WP 14, Mobile push-pull WP 15</i>
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Climbing a ladder, working standing on a ladder

Climbing up and down the ladder with wide rungs	<i>Multi-step WP 7</i>
Standing on the ladder with holding point on the right	<i>Multi-step WP 7 in combination with wall system WP 3, Work shelf WP 1, magnetic board WP 10, gripping world WP 5</i>
Standing on the ladder with holding point on the left	<i>Multi-step WP 7 in combination with wall system WP 3, Work shelf WP 1, magnetic board WP 10, gripping world WP 5</i>
Standing on the ladder in connection with work in the small and large reach area	<i>Multi-step WP 7 in combination with wall system WP 3, Work shelf WP 1, magnetic board WP 10, gripping world WP 7</i>

Working in a small grab space

Working in a small grab space	<p><i><u>Fine motor activities close to the body (functional hand) Gripping world WP 5</u></i></p> <p>Gripping types: Pointed grip, cylindrical grip, fist closure, hook grip, fine pointed grip, lateral pointed grip</p> <p><i><u>Gross motor activities close to the body (functional hand/holding hand):</u></i></p> <p><i>Tensile, compressive and impact loads Mobile standing device for gross motor skills WP 9, working materials WP</i></p>
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Work in a large gripping area (away from the body up to overhead)

Maximum gripping space	<p><i><u>Fine-motor activities remote from the body Gripping world WP 5, Wall system WP 3, Serial production Turntable WP 8, Magnetic board WP 10</u></i></p> <p>Gripping types: Pointed grip, cylindrical grip, fist closure, hook grip, fine pointed grip, lateral pointed grip</p> <p><i><u>Gross motor activities away from the body: Tension-compression-impact loads</u></i></p> <p><i>Wall system WP 3, push-pull unit WP 4, mobile floor unit</i></p> <p><i>Gross motor skills WP 9</i></p>
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Hand coordination

Hand-hand coordination Eye-hand coordination Concealed	<i>Gripping world WP 5, serial production rotary table WP 8, Magnetic board WP 10, wall system WP 3,</i> Gripping types: Pointed grip, cylindrical grip, fist closure, hook grip, fine pointed grip, lateral pointed grip
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Static holding work

Possible pressure on a vertical surface or object on the left (holding hand)	<i>Pull-push device WP 4, Walker pull-push dynamic WP 14</i>
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Working with tools

Working with tools: Spanner, screwdriver, hammer, pliers	<i>Working materials WP in conjunction with wall system WP 3, mobile floor unit for gross motor skills WP 9</i>
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Throwing and catching

Target: Throw and catch a 5 kg sandbag with one hand, right/left, with pinpoint accuracy	<i>Working materials WP</i>
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Sedentary activities

Working in a seated position (endurance): Working in an inclined position:	<i>Serial production turntable WP 8, wall system 3,</i> <i>in conjunction with the gripping world WP 5</i>
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