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HOGGI®

Made in Germany
SWINGBO-2
by HOGGI 

SWINGBO-2



The new System - Wheelchair



• Tilt from -7° to $+45^{\circ}$

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Partnering together to mobilise kids

SWINGBO-2



Push-bar, detachable

Push-handle, detachable

Push-bar, foldable

Push-handle, foldable

The advancement of the innovative dispensing approach

The innovative dispensing approach of the SWINGBO system wheelchair for kids has been further developed to create the **SWINGBO-2**.

The new construction design of the tilt mechanism allows a more comfortable & easy handling.

Different variants of push-bars and push-handles as well as different variants of backrest panels allow many possibilities of seat configurations:

- Tilt from -7° to $+45^{\circ}$
- Backrest angle adjustable or foldable
- Growth adaption for seat depth and backrest height
- Foot rest system with 90° or angle adjustable knee angle
- Foot rest system adapted on the seat frame
- Foot rest bracket angle adjustable, flip up type, with optional lock
- Foot rest with or without heel stop
- Seat widths are available in 24 cm, 26 cm, 28 cm and 30 cm

The frame of the chair is designed with a wider footrest area to allow abducted seating postures can be obtained.

The seat depth can be grown by approximately 8 cm and the backrest height by approximately 9 cm.

SWINGBO-2 - frame colours

Traffic yellow

Flamered

Sky blue

Yellow-green

Grey aluminium

White

SWINGBO-2

SWINGBO-2 - the modular concept

In order to supply the **SWINGBO-2** to meet the needs of individual kids the chair is made with a modular construction system.

Mobility base, seat panels, backrest panels and footrest systems can be ordered in any combination separately. Therefore many possible variations are available:

The chair can be configured with mobility base and totally modular seat and backrest panels with our standard cushions, partly modular and partly ready for custom seating or seat only that can be fit with totally custom seating solutions.

SWINGBO-2 - the active wheelchair

The essential preconditions for active riding are:

- The ideal positioning of the shoulder axle in relation to the rear wheel („active degree“). Therefore the axle of the rear wheel (positioned in the sideframe) is adjustable in six steps in longitudinal direction to make it more active or passive.
- An adjustable seat angle.

The mechanism of the adjustment of the seat angle is designed so that the pivot is close to the center of gravity. This allows the seat angle to be adjusted without moving the centre of gravity.

- Adjustable backrest angle (in increments).



SWINGBO-2 with accessories

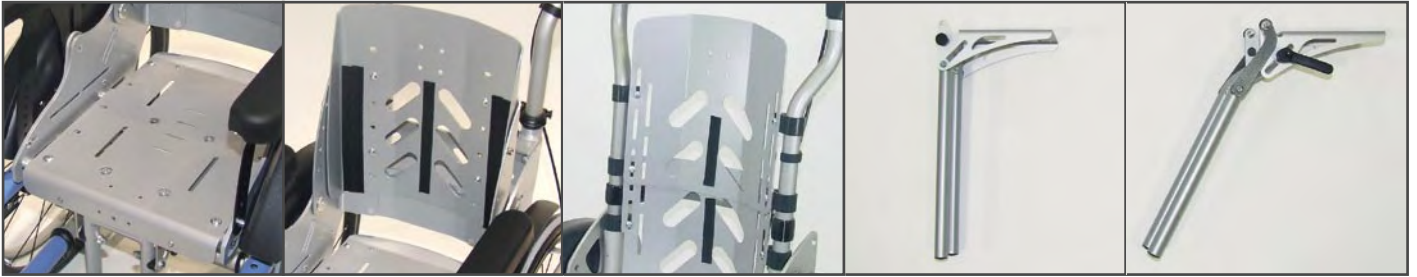
Basic configuration

Adjustable rear axle
(Active degree)

45° tilt

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SWINGBO-2 - accessories



Seat panel

Backrest panel: Angle- and height adjustable

Backrest panel: Trough shaped and height adjustable

Knee angle system: 90°

Knee angle system: Adjustable



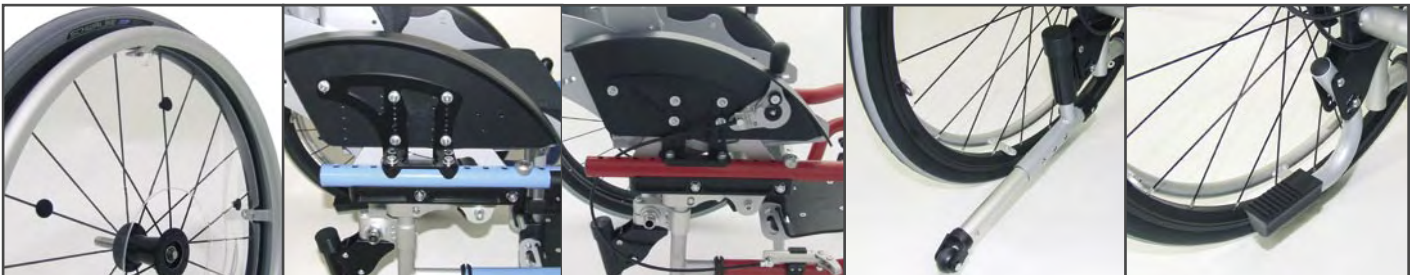
Foot rest bracket with flip up lock

- Foot rest
- Foot rest with heel stop

Seat cushion

Backrest cushion for angle- and height adjustable backrest

Backrest cushion for trough shaped height adjustable backrest



Transparent spoke guard

Wheel guard

Wheel lock lever integrated in wheel guards

Anti tip

Tip assist



Headrest standard: With cushion

Universal headrest bracket

Headrest with occiput upholstery

Trunk supports

Chest-/thoracic support



Armrests with PU pads

Therapy tray

Lap belt

4-point lap belt

Ankle hugger

SWINGBO-2

SWINGBO-2 - wheels & hand rims



Rear wheel HOGGI light with pneumatic tires 20", 22", 24"

Standard rear wheel with pneumatic tires or PU-tires 22" and 24"

Rear wheel with drum brake 20", 22", 24"

Front castor with solid rubber tires 100x32 mm, 125x32 mm and 140x40 mm

Skater wheel with illuminating diode 100x24 mm and 125x24 mm

PU- front castor with design aluminum rim 100x32 mm and 125x32 mm



Rear wheel with PU-tires 20", 22", 24"

Stainless steel hand rim

Aluminium hand rim

Hand rim diameter: „standard“

Hand rim diameter: „high“

Push-rim cover: silicone, black

SWINGBO-2 - adjustment- & positioning possibilities



Active degree

Backrest angle, foldable

Backrest angle, detachable

Backrest height

Seat depth



Seat angle

Seat height

Standard lever wheel lock

Lower leg length and foot-rest angle

Hand rim mounting („tight“ or „wide“)

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SWINGBO-2 - Technical Data

| Seat width | 24 | 26 | 28 | 30 |
|-------------------------------------|--|----------|----------|----------|
| Seat depth | 26-30 cm | 26-32 cm | 26-34 cm | 28-36 cm |
| Backrest height | 33-42 cm | 35-44 cm | 37-46 cm | 39-48 cm |
| Seat angle | -7° to +45° | | | |
| Backrest angle | | | | |
| Angle- and height adjustable | Adjustable in 10° steps from 75° - 115° or from 80° - 120° | | | |
| Trough shaped and height adjustable | Adjustable in 5° steps from 85° - 105° | | | |
| Lower leg length | 16-37 cm | | | |
| Footrest angle | -10° to +10° | | | |
| Seat height | 36-47 cm | | | |
| Rear wheel diameter | 20", 22", 24" | | | |
| Front castor diameter | 100 mm (4"), 125 mm (5"), 140 mm (5,5") | | | |
| Camber | 3°, 6°, 9° | | | |
| Turning radius | max. 120 cm | | | |
| Load capacity | 50 kg | | | |
| Weight | from 12 kg | | | |

SWINGBO-2 - details

- Rigid frame active wheelchair: Fixed castor housing and growth adaption for seat depth and backrest height
- Tilt: Adjustable from -7° to +45°
- 2 backrest variants:
 1. in combination with **detachable** push handle / push bar
Adjustable in 10° steps from 75° - 115° or from 80° - 120°
 2. in combination with **foldable** push handle / push bar
Adjustable in 5° steps from 85° - 105°, foldable for transport
- Seat width: Convertible to other seat widths
- Wheel locks:
 1. Standard lever wheel lock
 2. Bowden cable system; operation lever integrated in wheel guards (option)
 3. Rear wheels with drum brakes
- Rear wheels: 20", 22", 24", HOGGI light wheels with quick release axles, standard: 22" or 24" or drum brakes (option)
- Hand rims: Aluminium or stainless steel
- Diameter: „standard“ or „high“
- Mounting: „tight“ or „wide“
- Camber: 3°, 6° or 9°
- Front castors: Choice from diverse types and sizes
- Seat height: Adjustable
- Rear axle: Adjustable in 5 steps in relation to the backrest
- Footrest system:
 - 90° knee angle
 - Adjustable knee angle: 85° - 160°
- Footrest:
 - Foot rest height adjustable, flip up type, foot rest bracket with interlocking,
 - flat or with heel stop

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