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Made in Germany
SWINGBO Plus
by HOGGI 

SWINGBO Plus



System - Wheelchair for kids & adolescents



• Tilt from -7° to $+45^{\circ}$

SWINGBO Plus



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 Plus** for kids & adolescents.

The SWINGBO Plus has been designed to offer an active wheelchair for larger kids by increasing the load capacity to 75 kg, supplying the chair with larger seat depths and widths and using a roller bearing in the tilt function.

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 28 cm, 32 cm, 36 cm and 40 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 12 cm and the backrest height by approximately 9 cm.

SWINGBO Plus - frame colours

Grey Aluminium

White

Flame Red

SWINGBO Plus

SWINGBO Plus - the modular concept

In order to supply the **SWINGBO Plus** to meet the needs of individual kids & adolescents 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 Plus - 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 from 75° - 120°.

Accessories, basic configuration, active degree, 45° tilt



SWINGBO Plus with accessories

Basic configuration

Adjustable rear axle
(Active degree)

45° tilt

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SWINGBO Plus - accessories



Seat panel

Backrest panel:
Angle- and height adjustable

Backrest panel:
Trough shaped and height adjustable

Knee angle system:
90°

Knee angle system:
Adjustable



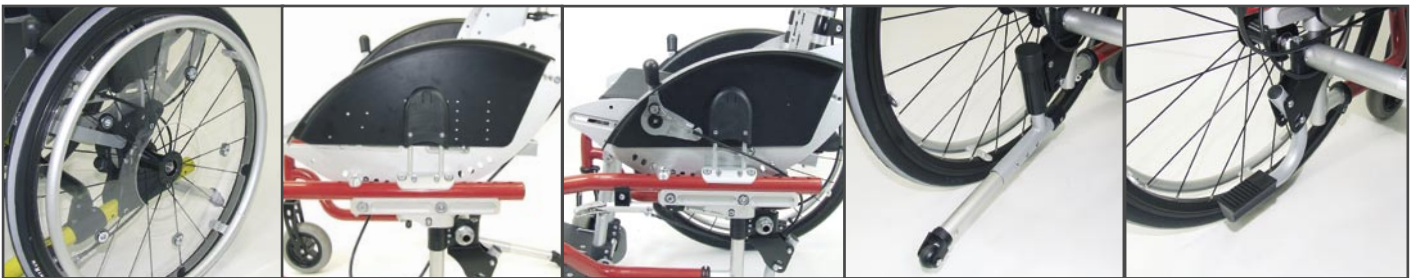
Foot rest bracket with
flip up lock

- Foot rest
- Foot rest with heel stop

Seat cushion

Backrest cushion for the
angle- and height adjustable
backrest

Backrest cushion for the
trough shaped and 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 Plus

SWINGBO Plus - 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 Plus - 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 footrest angle

Hand rim mounting („tight“ or „wide“)

SWINGBO Plus

Technical Data

Dimensions (cm) & weights (kg)

| | | | | |
|-------------------------------------|--|-------------|-------------|-------------|
| Seat width | 28 | 32 | 36 | 40 |
| Seat depth | 30 - 38 | 30 - 42 | 34 - 46 | 38 - 50 |
| Backrest height | 38 - 47 | 42 - 51 | 46 - 55 | 50 - 59 |
| Seat angle | -7° to +45° | -7° to +45° | -7° to +45° | -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 | 20 cm - 41 cm | | | |
| Footrest angle | -10° to +10° | | | |
| Seat height | 41 cm - 51 cm | | | |
| Rear wheel diameter | 20", 22", 24" | | | |
| Front castor diameter | 100 mm (4"), 125 mm (5"), 140 mm (5,5") | | | |
| Camber | 6° or 9° | | | |
| Load capacity | 75 kg | | | |
| Turning radius | max. 130 cm | | | |

SWINGBO Plus details

- Rigid frame active wheelchair:
 - Fixed castor housing
 - 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
 - Convertible to other seat widths
- Seat width:
- 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,
 - Drum brakes (option)
- Hand rims:
 - Aluminium or stainless steel
- Diameter:
 - „standard“ or „high“
- Mounting:
 - „tight“ or „wide“
- Camber:
 - 6° or 9°
- Front castors:
 - Choice from diverse types and sizes
- Seat height:
 - Adjustable
- Rear axle:
 - Adjustable in 6 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

HOGGI®

Partnering together to mobilise kids

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