WHEELCHAIR

MOBILITY

Tilt-in-Space
Neox™ &
Neox™ Dynamic

Pediatric Tilt-in-Space
Spiral™

Folding Manual
Wheelchairs XL5™

Spoke-Guards

PHYSIPRO®

Seating and mobility solutions

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TILT-IN-SPACE
WHEELCHAIRS

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Seating and mobility solutions

NEOX™

The Neox™ Tilt-in-Space wheelchair with aluminum frame provides remarkable versatility and adaptability. The 45° tilt system allows the caregiver to change the angle of the seat and backrest during the day to prevent the formation of pressure sores, optimize comfort and enable the occupant to be placed in a resting position.

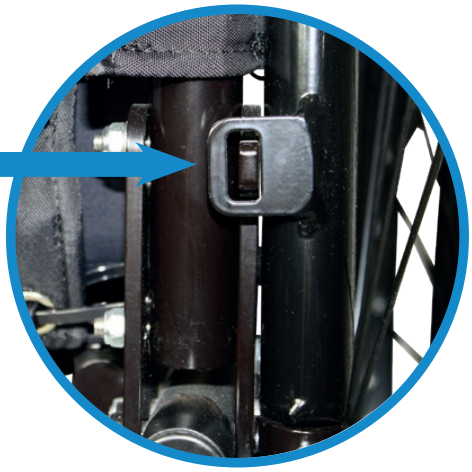
TILT MECHANISM

The new Neox™ has a tilt range of -5 to 45 degrees. Equipped with three gas cylinders, this new design of the tilting mechanism requires less force from the caregiver, and considerably facilitate the tilting process. The force needed to tilt the wheelchair downwards when empty or to tilt the wheelchair upwards with a person seated, is under 150 newtons. The tilt movement is therefore very smooth and greatly optimized.

DYNAMIC BACKREST

The Neox™ offers as an option, an adjustable dynamic backrest that protects the patient from injury during involuntary movements and helps reduce wheelchair damage.

ARMRESTS



The armrests of the Neox™ offer greater solidity and are height adjustable. The U-shaped design of the armrest allows the user to securely lean side-to side to reduce pressure on the pelvis and facilitates pressure relief push-ups.

4 WHEEL CONFIGURATION

A 4 wheel model of the Neox™ is available, this model can be equipped with 12" threaded rear wheels.

TRANSIT TIE-DOWNS

The Neox™ Tilt-in-Space wheelchair is equipped with four wheelchair tie-downs.

STURDY FRAME

Made from a T6 aluminium alloy, the Neox™ frame is durable, lightweight and corrosion-resistant.

6 WHEEL CONFIGURATION

The center position of the propulsion wheels, reduces the turning radius, provides more stability and facilitates manual propulsion while in a tilted position, increasing the patient's autonomy.

ADAPTIVE DIMENSIONS

The overall width of the Neox™ is designed to facilitate the use of paratransit services. The proximity of the central wheels to the frame facilitate propulsion.

TECHNICAL SPECIFICATIONS

Wheelchair type	Tilt-in-space wheelchair
Composition	T6 Aluminium
Backrest height	Standard backpost: 16" to 25" Dynamic backpost: 18" to 27"
Backrest angle	Standard backrest: 85º to 120º Dynamic backrest: 85º to 110º Adjustable in increments of 5º Reclining gas spring backrest: 85º to 130º, continuous adjustment
Effective seat depth	Standard frame: 14" to 19" Extended frame: 19" to 22" Adjustable in increments of 1"
Effective seat width	14" to 22"
Seat plane angle	-5° to 45°
Overall length	Effective seat depth + 26"
Overall width	Effective seat width + 10 ¼"
Caster/front wheel diameter	4-wheel: 5", 6" and 8" 6-wheel: 5" and 6"
Propulsion Wheel Diameter	4-wheel: 12", 20", 22" and 24" 6-wheel: 20", 22" and 24"
Transport Weight*	4-wheel: 46,3 lbs (21 kg) 6-wheel: 55,1 lbs (25 kg)
Device Weight	4-wheel: 68 lbs (30,91 kg) 6-wheel: 72,8 lbs (33,02 kg)
Maximum Weight Capacity	265 lbs (120 kg)
Armrests	"T" Type - Lowered: 6 ¾" to 10 ½" "T" Type - Standard: 8" to 12 ½" " T " Type - Elevated : 10" to 14 ½" Adjustable in increments of ½" "U" Type - Lowered: 6 ¾" to 9 ½" "U" Type - Standard : 8 ½" to 13" "U" Type - Elevated: 12" to 16 ½" Adjustable in increments of ½"
Footrests	60° Footrest: 11 ¼" to 21" 70° Footrest: 10 ¾" to 20 ½" 90° Footrest: 10 ½" to 20 ½" Adjustable in increments of ½"
Elevating Legrests	12" to 22"

*Weight based on 18" x 18" Neox™
**Some configurations may limit the tilt. See the owner's manual for more details.

OPTIONS

Backrests	Rigid backrest Tension adjustable sling backrest Standard back post Dynamic back post Fold-down back post
Handles	Standard handles Stroller bar
Tension bars	Standard tension bar 2-inch deep tension bar Tension bar with headrest mounting fixture
Armrest pads	Foam pads - Desk or Full length Waterfall foam pads - Full length Waterfall gel pads - Desk or Full length
Headrests	Headrest supports Headrest pads
Tilt	Standard tilt Power tilt Anterior tilt locking collar
Forks	Standard forks Dynamic forks Rear caster tilt mechanism
Wheel locks	Push-to-lock Pull-to-lock Attendant wheel lock Standard wheel lock extensions Telescopic wheel lock extensions
Axles	Threaded axles Quick-release axles
Rims	Mag wheels Spoke wheels
Tires	Polyurethane Pneumatic tires
Handrims	Aluminium Plastic coated Natural Fit
Spoke-guards	Transparents Special designs
Footplates	Flip-up footplates Flip-up and adjustable footplates (Standard or Oversized) One-piece footplate
Accessories	Positioning belts, Calf straps and support, Protector pads, Heel support strap, Amputee support, Reflective safety stickers, Cane holders, Oxygen tank holder, Elevating and articulating legrest, etc.

CERTIFIED TRANSIT SAFETY

The Neox™ Tilt-in-Space wheelchair is equipped with wheelchair tie-downs and an occupant restraint systems which meet the ISO/DIS 7176- 19:2019 standard and has successfully passed a frontal impact crash test with a 76.3 kg (170 lbs) dummy.

SEAT-TO-FLOOR HEIGHT
BY WHEEL AND CASTER DIAMETERS
Neox™ (4-wheel)

Propulsion Wheels	Caster Wheels	Seat-to-Floor Height
12"	S5"	13" to 18"
	S6"	14" to 19"
	S8"	15" to 20"
20"	S5"	13" to 18"
	S6"	13" to 18"
22"	S6"	14" to 19"
	S8"	15" to 20"
24"	S8"	15" to 20"

SEAT-TO-FLOOR HEIGHT
BY WHEEL AND CASTER DIAMETERS
Neox™ (6-wheel)

Propulsion Wheels	Caster Wheels	Seat-to-Floor Height
20"	D5"	13" to 18"
22"	D6"	14" to 19"
24"	D6"	15" to 20"

EFFECTIVENESS OF WHEEL LOCKS (ISO 7176-3)

Section	Description	Measure
7.2	Maximum slope angle, uphill	14,6°
7.2	Maximum slope angle, downhill	10,4°

STATIC STABILITY PARAMETERS
(ISO 7176-1)

Section	Forward static stability	Measure
8.2	Tipping angle of wheelchair in the least stable configuration, with caster wheels unlocked	17°
8.3	Tipping angle of wheelchair in the least stable configuration, with caster wheels locked	N/A
Section	**Rear static stability**	**Measure**
9.2	Tipping angle of wheelchair in the least stable configuration, with propulsion wheels unlocked	22°
9.3	Tipping angle of wheelchair in the least stable configuration, with propulsion wheels locked	18,7°
Section	**Sideways static stability**	**Measure**
10.2	Tipping angle of wheelchair in the least stable configuration, left side	20°
10.2	Tipping angle of wheelchair in the least stable configuration, right side	20°
Section	**Anti-tip devices static stability**	**Measure**
11.2	Rearward tipping angle of wheelchair in the least stable configuration	24,4°
11.2	Forward tipping angle of wheelchair in the least stable configuration	N/A
11.4	Do anti-tip devices prevent rearward tipping?	Yes
11.4	Do anti-tip devices prevent forward tipping?	N/A

ADP LIST CODE

Device Type	Device Code
Elevating Legrests (pair)	WAMK
MW - Angle Adjustable Footplates (pair)	WAMJ
MW - Heavy Duty Model, Client Weight Exceeds 250 lb	WAMF
MW - Oxygen Tank Holder	WAMX
MW - Seat Depth Required is Greater than 18"	WAMB
MW - Seat Width Required is Greater than 18"	WAMA
Plastic Coated Handrims	WAMO
Quick Release Axles (pair)	WAMU
Recliner Option	WAMI
Spoke-guards (pair)	WAMP
Standard Manual Wheelchair Frame with Manual Dynamic Tilt	WANA
Stroller Handles/Pediatric	WAMW

NEOX™ DYNAMIC

The 30º tilt system allows the occupant to change the angle of the seat and backrest during the day to prevent the formation of pressure sores and optimize comfort .
The tilt pivot point, located at the front of the frame, ensures that knee height remains constant regardless of the wheelchair's tilt angle. This feature facilitates lower limb propulsion.

ADAPTIVE DESIGN

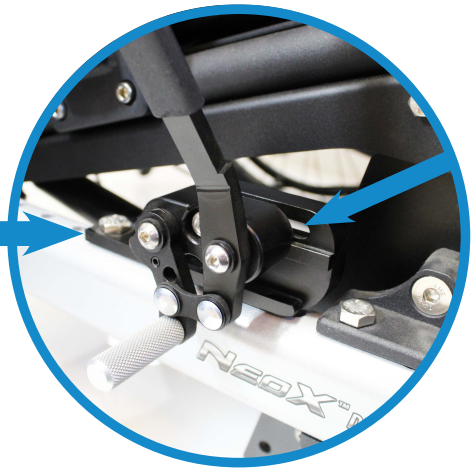
The elongated telescopic design of the Neox™ Dynamic frame was developped with the highest degree of precision. Fast and accurate configuration is effortlessly achieved by sliding the telescopic tubing to the desired position. For recycling programs, this feature offers substantial economic benefits.

SELF-BLOCKING CYLINDERS

The dual gas cylinder tilt system of the Neox™ Dynamic ensures smooth and easy tilting.These cylinders can be equipped with anterior and posterior tilt locking collars.

ADJUSTABLE WHEEL LOCKS

The Neox™ Dynamic comes with a dual wheel lock adjustment system that facilitates wheel lock positioning. The frame has pre-drilled wheel lock adjustment holes and the mounting bracket features a depth adjustment slot to ensure that accurate brake force is obtained.



4 WHEEL CONFIGURATION

The Neox™ Dynamic can be equipped with 12" threaded rear wheels.

6 WHEEL CONFIGURATION

The center position of the propulsion wheels, reduces the turning radius, provides more stability and facilitates manual propulsion while in a tilted position, increasing the patient's autonomy.

TRANSIT TIE-DOWNS

The Neox™ Dynamic Tilt-in-Space wheelchair is equipped with four wheelchair tie-downs.

STURDY FRAME

Made from a T6 aluminium alloy, the Neox™ Dynamic frame is durable, lightweight and corrosion-resistant.

DYNAMIC TILT

The Dynamic tilt ensures that the patient's knees are at a consistent height when the wheelchair is in a tilted position and that the patient's feet can easily reach the floor. This feature enables the patient to propel themselves with their lower limbs regardless of the degree of inclination of their wheelchair.

NEOX™ DYNAMIC

TECHNICAL SPECIFICATIONS

Wheelchair type	Tilt-in-space wheelchair
Composition	T6 Aluminium
Backrest height	Standard backpost: 16" to 25" Dynamic backpost: 18" to 27"
Backrest angle	Standard backrest: 85º to 120º Dynamic backrest: 85º to 110º Adjustable in increments of 5º Reclining gas spring backrest: 85º to 130º, continuous adjustment
Effective seat depth	Standard frame: 14" to 20" Extended frame: 16" to 22" Adjustable in increments of 1"
Effective seat width	14" to 22"
Seat plane angle	0° to 30°
Overall length	Effective seat depth + 27 ½"
Overall width	Effective seat width + 11"
Caster/front wheel diameter	4-wheel: 5", 6" and 8" 6-wheel: 5" and 6"
Propulsion Wheel Diameter	4-wheel: 12", 20", 22" and 24" 6-wheel: 20", 22" and 24"
Transport Weight*	4-wheel: 49,9 lbs (22,64 kg) 6-wheel: 61,4 lbs (27,85 kg)
Device Weight	4-wheel: 71,6 lbs (32,55 kg) 6-wheel: 79,1 lbs (35,9 kg)
Maximum Weight Capacity	265 lbs (120 kg)
Armrests	"T" Type - Lowered: 8" to 13" "T" Type - Standard: 9 ½" to 14" " T " Type - Elevated : 11 ½" to 15 ½" Adjustable in increments of ½" "U" Type - Lowered: 6 ¾" to 9 ½" "U" Type - Standard : 8 ½" to 13" "U" Type - Elevated: 12" to 16 ½" Adjustable in increments of ½"
Footrests	60° Footrest: 11 ¼" to 21" 70° Footrest: 10 ¾" to 20 ½" 90° Footrest: 10 ½" to 20 ½" Adjustable in increments of ½"
Elevating Legrests	12" to 22"

*Weight based on 18" x 18" Neox™ Dynamic.
**Some configurations may limit the tilt. See the owner's manual for more details.

OPTIONS

Backrests	Rigid backrest Tension adjustable sling backrest Standard back post Dynamic back post Fold-down back post
Handles	Standard handles Stroller bar
Tension bars	Standard tension bar 2-inch deep tension bar Tension bar with headrest mounting fixture
Armrest pads	Foam pads - Desk or Full length Waterfall foam pads - Full length Waterfall gel pads - Desk or Full length
Headrests	Headrest supports Headrest pads
Tilt	Standard tilt Power tilt Anterior tilt locking collar
Forks	Standard forks Dynamic forks Rear caster tilt mechanism
Wheel locks	Push-to-lock Pull-to-lock Attendant wheel lock Standard wheel lock extensions Telescopic wheel lock extensions
Axles	Threaded axles Quick-release axles
Rims	Mag wheels Spoke wheels
Tires	Polyurethane Pneumatic tires
Handrims	Aluminium Plastic coated Natural Fit
Spoke-guards	Transparents Special designs
Footplates	Flip-up footplates Flip-up and adjustable footplates (Standard or Oversized) One-piece footplate
Accessories	Positioning belts, Calf straps and support, Protector pads, Heel support strap, Amputee support, Reflective safety stickers, Cane holders, Oxygen tank holder, Elevating and articulating legrest, etc.

CERTIFIED TRANSIT SAFETY

The Neox™ Dynamic Tilt-in-Space wheelchair is equipped with wheelchair tie-downs and an occupant restraint systems which meet the ISO/DIS 7176- 19:2019 standard and has successfully passed a frontal impact crash test with a 76.3 kg (170 lbs) dummy.

NEOX™ DYNAMIC

SEAT-TO-FLOOR HEIGHT
BY WHEEL AND CASTER DIAMETERS
Neox™ (4-wheel)

Propulsion Wheels	Caster Wheels	Seat-to-Floor Height
12"	S5"	13" to 17"
	S6"	14" to 18"
	S8"	15" to 19"
20"	S5"	13" to 17"
	S6"	13" to 17"
22"	S6"	14" to 18"
	S8"	15" to 19"
24"	S8"	15" to 19"

SEAT-TO-FLOOR HEIGHT
BY WHEEL AND CASTER DIAMETERS
Neox™ (6-wheel)

Propulsion Wheels	Caster Wheels	Seat-to-Floor Height
20"	D5"	13" to 17"
22"	D6"	14" to 18"
24"	D6"	15" to 19"

EFFECTIVENESS OF WHEEL LOCKS (ISO 7176-3)

Section	Description	Measure
7.2	Maximum slope angle, uphill	14,1°
7.2	Maximum slope angle, downhill	10,1°

STATIC STABILITY PARAMETERS
(ISO 7176-1)

Section	Forward static stability	Measure
8.2	Tipping angle of wheelchair in the least stable configuration, with caster wheels unlocked	18,1°
8.3	Tipping angle of wheelchair in the least stable configuration, with caster wheels locked	N/A
Section	**Rear static stability**	**Measure**
9.2	Tipping angle of wheelchair in the least stable configuration, with propulsion wheels unlocked	23,8°
9.3	Tipping angle of wheelchair in the least stable configuration, with propulsion wheels locked	15,7°
Section	**Sideways static stability**	**Measure**
10.2	Tipping angle of wheelchair in the least stable configuration, left side	22,9°
10.2	Tipping angle of wheelchair in the least stable configuration, right side	22,9°
Section	**Anti-tip devices static stability**	**Measure**
11.2	Rearward tipping angle of wheelchair in the least stable configuration	22,3°
11.2	Forward tipping angle of wheelchair in the least stable configuration	N/A
11.4	Do anti-tip devices prevent rearward tipping?	Yes
11.4	Do anti-tip devices prevent forward tipping?	N/A

ADP LIST CODE

Device Type	Device Code
Elevating Legrests (pair)	WAMK
MW - Angle Adjustable Footplates (pair)	WAMJ
MW - Heavy Duty Model, Client Weight Exceeds 250 lb	WAMF
MW - Oxygen Tank Holder	WAMX
MW - Seat Depth Required is Greater than 18"	WAMB
MW - Seat Width Required is Greater than 18"	WAMA
Plastic Coated Handrims	WAMO
Quick Release Axles (pair)	WAMU
Recliner Option	WAMI
Spoke-guards (pair)	WAMP
Standard Manual Wheelchair Frame with Manual Dynamic Tilt	WANA
Stroller Handles/Pediatric	WAMW

COLORS


Glossy Black
Candy Purple
Matte Black
Silver
White
Sunset Orange
Scarlet Red
Charcoal
Secure Blue

TILT-IN-SPACE

PEDIATRIC WHEELCHAIR

PHYSIPRO®

Seating and mobility solutions

SPIRAL™

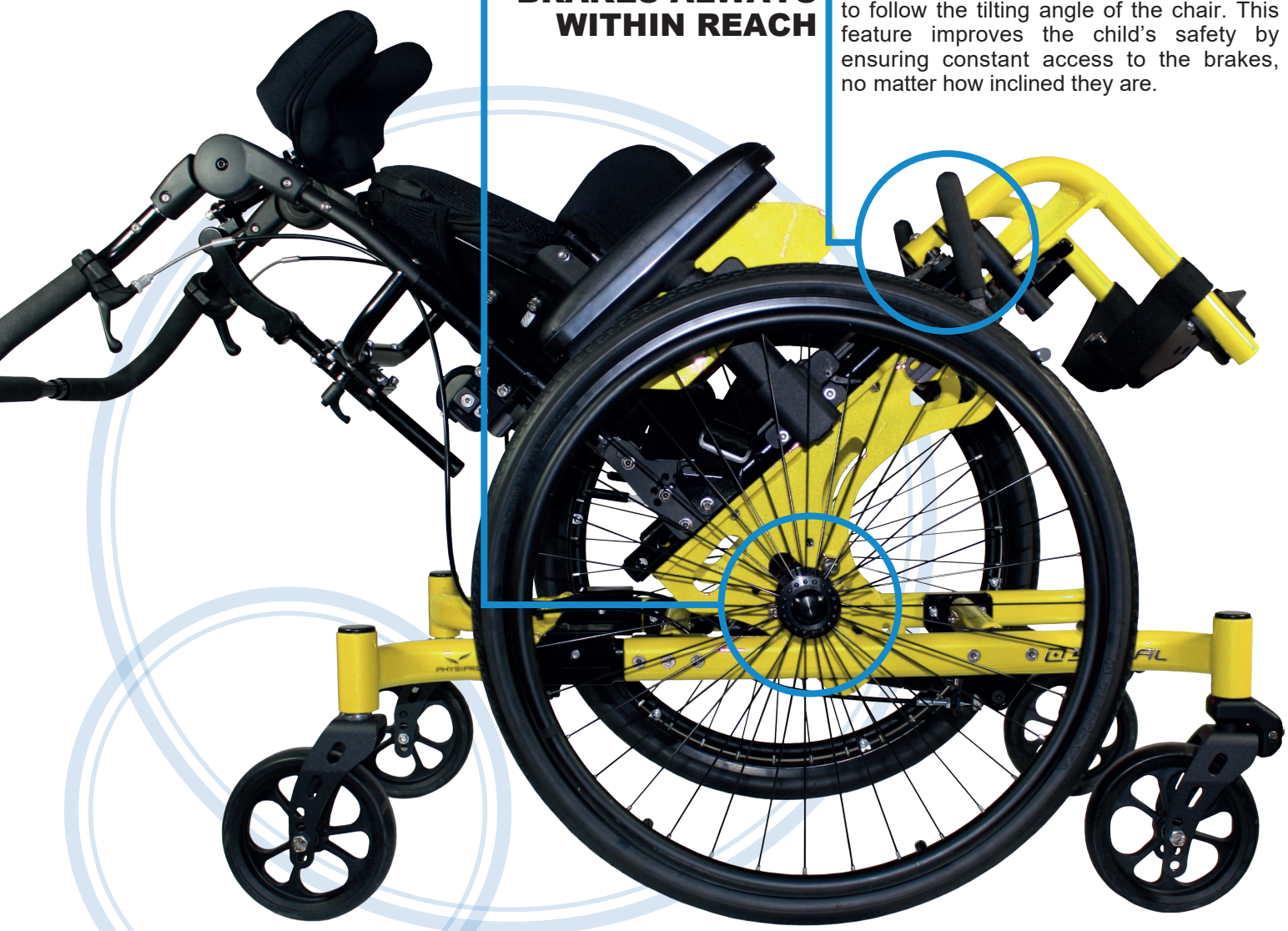
An Evolution in Tilt-In-Space Wheelchair Engineering

INNOVATIVE TILT

The central pivot allows a 45° tilt around the propulsion wheels. This concept (patent pending) makes it possible to keep the relative position of the armrests consistent with the wheels. The result: an excellent propulsion position regardless of the tilt angle!

BRAKES ALWAYS WITHIN REACH

The design of the Spiral™ allows the brakes to follow the tilting angle of the chair. This feature improves the child's safety by ensuring constant access to the brakes, no matter how inclined they are.



FOLDING BACKREST, HEIGHT AND ANGLE ADJUSTABLE

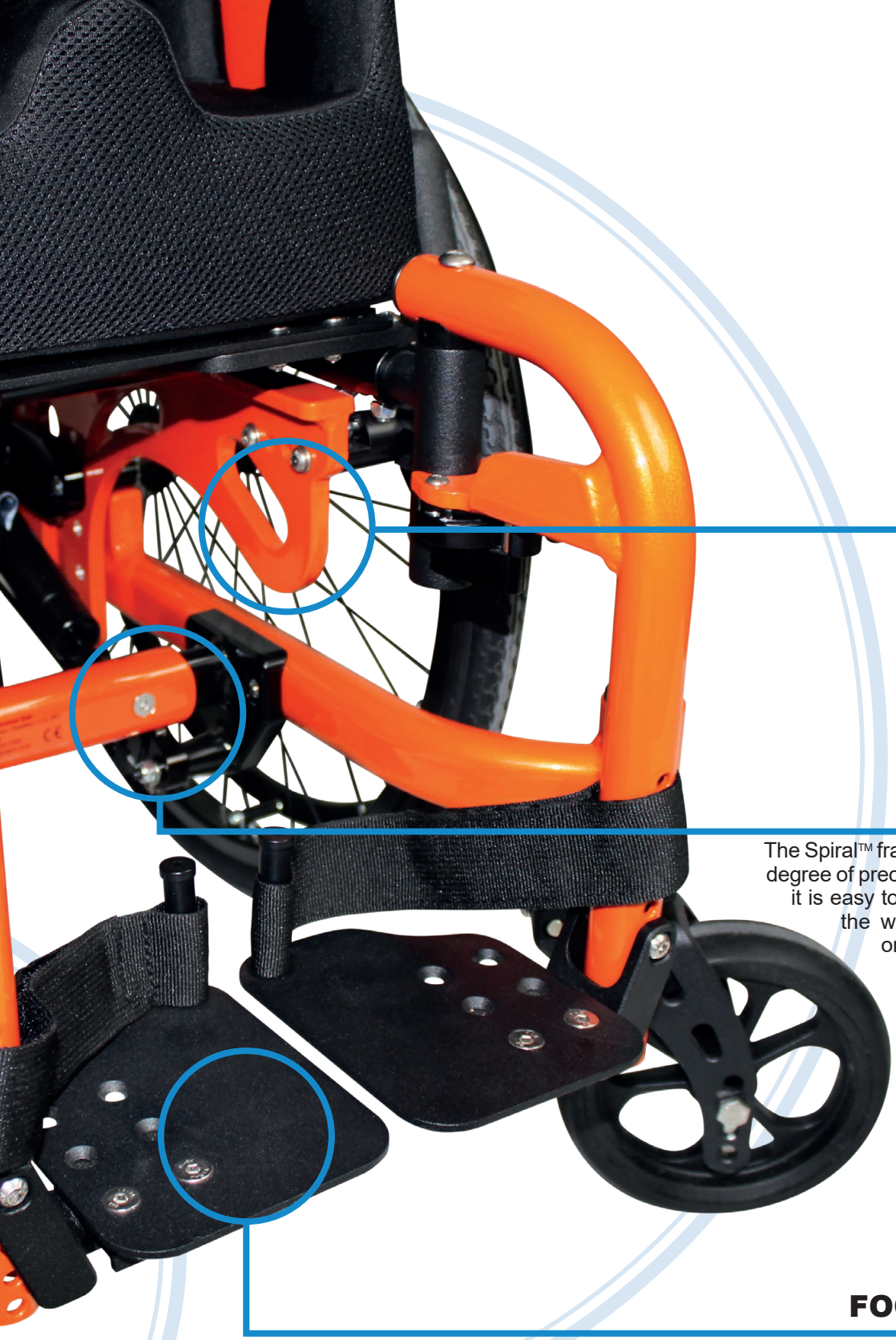
The folding aspect of the backrest is very convenient for storing the Spiral™ inside the car. Lightweight and very easy to adjust, the backrest is adjustable in angle of 85 ° to 120 ° (by 5 ° increments).

6 WHEEL CONFIGURATION

The centre position of the propulsion wheels, reduces the turning radius, provides more stability and facilitates manual propulsion while in a tilted position, increasing the patient's autonomy.

REAR CASTER TILT MECHANISM

With a foot activated mechanism, the Spiral™ easily overcomes obstacles and facilitates access to paratransit services.



CERTIFIED TRANSIT SAFETY

The Spiral™ has gone through a dynamic crash test to ensure the safety and security of your child when seated in their wheelchair aboard a motor vehicle. Includes four tie-down points integrated to the frame.

ADAPTIVE DESIGN

The Spiral™ frame was developped with the highest degree of precision. With the use telescopic tubing, it is easy to quickly and accurately reconfigure the wheelchair. Offered with a Standard or Large frame, each frame base can be gradually enlarged, ensuring that the wheelchair continously adapts to the child's changing body size during their growth.

TWO AVAILABLE FOOTRESTS AND FOOTPLATES MODELS

Fixed footrests

- Adduction clearance.
- Angle and depth adjustable one piece footplate.

Removable and retractable footrests

- Angle and depth adjustable footplates.

TECHNICAL SPECIFICATIONS**

Wheelchair Type* **	Pediatric Tilt-In-Space Wheelchair
Composition	Aluminium
Back Height	16" to 25"
Seat Depth	Standard Frame: 10" to 13"* Extended Frame: 13" to 16"
Seat Width	Standard Frame: 10" to 13" Extended Frame: 13" to 16"
Seat-to-Floor Height	14" to 19"
Overall Length	40"
Overall Width	Seat width + 8 ¾"
Caster Diameter	5", 6"
Propulsion Wheel Diameter	20", 22"
Transport Weight	36 lb (16,3 kg)
Device Weight	54 lb (24,5 kg)
Maximum Weight Capacity	150 lb (68 kg)
Backrest Angle	85° to 120°
Tilt	0° to 45°
Armrests	"T" Type: 6 ½" to 14"
Footrests	60° : 6" to 14" 70° : 6" to 14" 90° : 6" to 14"
Elevating Legrests	14" to 19"

* Depths of 10" and 11" are available with moved forward backrest anchors.
** Based on a standard 14" X 14" Spiral™.
*** Median Driving only

SEAT-TO-FLOOR HEIGHT
BY WHEEL AND CASTER DIAMETERS

Propulsion Wheels	Front Casters	Rear Casters	Seat-to-Floor Height
20"	6"	6"	14" to 18"
	D5"		
22"	6"	6"	15" to 19"
	D6"		

OTHERS OPTIONS

Backrest	Folding Backrest Tension Bar Angle Adjustable Stroller Bar
Forks	Rear Caster Tilt Mechanism Dynamic Caster Forks
Wheels	Natural Fit Transparent Spoke-Guard
Footplate	One Piece Footplate

EFFECTIVENESS OF WHEEL LOCKS (ISO 7176-3)

Section	Description	68 kg (150 lb)	25 kg (55 lb)
6	Brake force	60 N	60 N
7.2	Maximum slope angle, uphill	15,0°	17°
7.2	Maximum slope angle, downhill	10,5°	12,4°

STATIC STABILITY PARAMETERS
(ISO 7176-1)

Section	Forward static stability	68 kg (150 lb)	25 kg (55 lb)
8.2	Tipping angle of wheelchair in the least stable configuration, with caster wheels unlocked	17,2°	20,9°
Section	**Rear static stability**	**68 kg (150 lb)**	**25 kg (55 lb)**
9.2	Tipping angle of wheelchair in the least stable configuration, with propulsion wheels unlocked	12,9°	22,3°
9.3	Tipping angle of wheelchair in the least stable configuration, with propulsion wheels locked	10,8°	19,5°
Section	**Sideways static stability**	**68 kg (150 lb)**	**25 kg (55 lb)**
10.2	Tipping angle of wheelchair in the least stable configuration	16,2°	19,2°

CERTIFIED TRANSIT SAFETY

Crash testing was conducted in accordance with RESNA WC 19 and ISO 7176-19 industry standards.

COLORS


Glossy Black
Candy Purple
Matte Black
Silver
White
Sunset Orange
Scarlet Red
Charcoal
Secure Blue

FOLDING MANUAL

WHEELCHAIRS

PHYSIPRO®

Seating and mobility solutions

XL5™

Designed to meet the specific needs of each individual, the XL5 stands out with its various optional components and adjustments that ensure a personalized postural support throughout the occupant's changing needs. With a low seat-to-floor height of 11½" (280 mm), the lowest in the industry, the XL5 facilitates foot propulsion.

HEAVY DUTY OPTION

The XL5™ is available with a Heavy Duty frame (*XL RF*). This reinforced aluminium frame is equipped with a double cross brace and is recommended for individuals weighing 350 lbs or less, who are experiencing a loss in mobility, episodes of spasticity or have a medical condition.

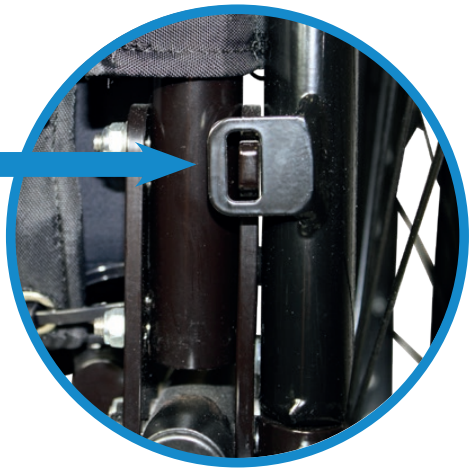
ADJUSTABLE FRAME

The XL5™ offers 10 seat-to-floor height adjustment positions as well as, seat depth adjustments to ensure comfort and functionality.

Seat-to-floor height adjustments: ½" increments
Seat depth adjustments: 1" increments

ROBUST, FLIP-BACK AND REMOVABLE ARMRESTS

- Facilitate push-up style lifts.
- Provides increased stability and durability. Capable of withstanding the various forces exerted upon them.
- Height adjustable by ½" increments
- Integrated clothing guards.



ADJUSTABLE WHEEL LOCKS

The wheel lock mounting bracket has two depth adjustment slots that ensure accurate brake force.

ONE-ARM DRIVE

This mechanism allows the occupant to control both the speed and direction of their wheelchair, one-handed and without assistance.

ANGLE AND HEIGHT ADJUSTABLE BACKREST

- Lightweight and remarkably easy to adjust.
- The backrest allows angle adjustments from 85° to 120° (by 5° increments).

LOWEST SEAT-TO-FLOOR HEIGHT OF THE INDUSTRY

With a low seat-to-floor height of 11½", the XL5™ offers the lowest center of gravity and seat height of the industry, facilitating foot propulsion.

FRAME ASSEMBLY

The front frame of the new XL5™ is assembled with bolts instead of being welded, this reduces structural stress, providing better shock absorption and decreasing the probability of cracks appearing in the frame.

TRANSIT TIE-DOWNS

The XL5™ folding wheelchair is equipped with four wheelchair tie-downs.

TECHNICAL SPECIFICATIONS

Wheelchair type	Folding manual wheelchair
Composition	T6 Aluminium
Backrest height	Standard backpost : 12" to 25" Dynamic backpost: 14 ¾" à 27 ¾" Adjustable in increments of 1"
Backrest angle	Standard backpost (0° or 8°): 85° to 120° Dynamic backpost (0° or 8°): 85° to 110° Adjustable in increments of 5°
Effective seat depth	12" to 22"
Effective seat width	11" to 20"
Seat plane angle	0° to 10°
Overall length	Effective seat depth + 23"
Overall width	Effective seat width + 8 ½'
Overall length (folded)	Overall length - 10 ¼"
Overall width (folded)	Overall width - 14"
Caster/front wheel diameter	4", 5", 6", 7" and 8"
Propulsion Wheel Diameter	20", 22" and 24"
Transport Weight*	22,52 lbs (10,22 kg)
Device Weight	37,7 lbs (17,42 kg)
Maximum Weight Capacity	265 lbs (120 kg)
Armrests	"T" Type - Lowered: 7" to 12" "T" Type - Standard: 8" to 14" Adjustable in increments of ½" "U" Type - Lowered: 6 ¾" à 9 ½" "U" Type - Standard : 8 ½" à 13" "U" Type - Elevated: 12" à 16 ½" Adjustable in increments of ½" "L" Type - Standard: 8" to 14" Adjustable in increments of ½"
Footrests	60° Footrest: 11 ¼" to 21" 70° Footrest: 5 ½" to 20 ½" 90° Footrest: 6" to 20 ½" Adjustable in increments of ½"
Elevating Legrests	12" to 22"

*Weight based on 18" x 18" XL5™

OPTIONS

Backrests	Rigid backrest Tension adjustable sling backrest Standard back post Dynamic back post Fold-down back post
Handles	Standard handles Stroller bar
Tension bars	Standard folding tension bar Folding tension bar with headrest mounting fixture
Armrest pads	Foam pads - Desk or Full length Waterfall foam pads - Full length Waterfall gel pads - Desk or Full length
Headrests	Headrest mounting fixture Headrest supports Headrest pads
One Arm Drive	One Arm Drive Propulsion Mechanism
Forks	Short or long forks
Wheel locks	Push-to-lock Pull-to-lock Anti-rollback wheel lock One Arm Drive Wheel lock Fixed wheel lock extensions Telescopic wheel lock extensions
Axles	Threaded axles Quick-release axles
Rims	Mag wheels Spoke wheels
Tires	Polyurethane Pneumatic tires
Handrims	Aluminium Plastic coated Anti-slip Vertical projection Natural Fit
Spoke-guards	Transparents Special designs
Footplates	Flip-up footplates (Standard or Oversized) Flip-up and adjustable footplates (Standard or Oversized) One-piece footplate
Accessories	Positioning belts, Calf straps and support, Protector pads, Heel support strap, Amputee support, Reflective safety stickers, Cane holders, Oxygen tank holder, Elevating and articulating legrest, etc.

CERTIFIED TRANSIT SAFETY

The XL5™ wheelchair is equipped with wheelchair tie-downs and an occupant restraint systems which meet the ISO/DIS 7176- 19:2019 standard and has successfully passed a frontal impact crash test with a 76.3 kg (170 lbs) dummy.

FRONT SEAT-TO-FLOOR HEIGHT
BY WHEELCHAIR CONFIGURTATION AND CASTER DIAMETER

STANDARD CROSS BRACE

Caster Wheel	Hemi Frame Short Fork	Standard Frame Short Fork	Standard Frame Long Fork
4"	13" to 13 ½"	15 " to 16 ½"	17 ½" to 19"
5"	13" to 14"	15 ½" to 17"	18" to 19 ½"
6"	13 ½" to 14 ½"	16 ½" to 17 ½"	18 ½" to 20"
7"	14 ½" to 15"	17 ½" to 18"	19" to 20 ½"
8"	15 ½"	18 ½"	19 ½" to 21"

INTEGRATED CROSS BRACE

Caster Wheel	Hemi Frame Short Fork	Standard Frame Short Fork	Standard Frame Long Fork
5"	11 ½" to 12 ½"	14" to 15 ½"	16 ½" to 18"
6"	12" to 13"	15" to 16"	17" to 18 ½"
7"	13" to 13 ½"	16" to 16 ½"	17 ½" to 19"
8"	14"	17"	18" to 19 ½"

REAR SEAT-TO-FLOOR HEIGHT
BY WHEELCHAIR CONFIGURTATION AND WHEEL DIAMETER

Propulsion Wheel	Standard Cross Brace	Integrated Cross Brace
20"	13" to 17 ½"	11 ½" to 16"
22"	14" to 18 ½"	12 ½" to 17"
24"	15" to 19 ½"	13 ½" to 18"

EFFECTIVENESS OF WHEEL LOCKS (ISO 7176-3)

Section	Description	Measure
7.2	Maximum slope angle, uphill	12,3°
7.2	Maximum slope angle, downhill	10,1°

STATIC STABILITY PARAMETERS
(ISO 7176-1)

Section	Forward static stability	Measure
8.2	Tipping angle of wheelchair in the least stable configuration, with caster wheels unlocked	18,3°
8.3	Tipping angle of wheelchair in the least stable configuration, with caster wheels locked	N/A
Section	**Rear static stability**	**Measure**
9.2	Tipping angle of wheelchair in the least stable configuration, with propulsion wheels unlocked	18,6°
9.3	Tipping angle of wheelchair in the least stable configuration, with propulsion wheels locked	14,4°
Section	**Sideways static stability**	**Measure**
10.2	Tipping angle of wheelchair in the least stable configuration, left side	20°
10.2	Tipping angle of wheelchair in the least stable configuration, right side	20°
Section	**Anti-tip devices static stability**	**Measure**
11.2	Rearward tipping angle of wheelchair in the least stable configuration	21,1°
11.2	Forward tipping angle of wheelchair in the least stable configuration	N/A
11.4	Do anti-tip devices prevent rearward tipping?	Yes
11.4	Do anti-tip devices prevent forward tipping?	N/A

XL5™ HEAVY DUTY (*XL RF*)

TECHNICAL SPECIFICATIONS

Wheelchair type	Folding manual wheelchair
Composition	T6 Aluminium
Backrest height	Standard backpost : 12" to 25" Dynamic backpost: 14 ¾" à 27 ¾" Adjustable in increments of 1"
Backrest angle	Standard backpost (0° or 8°): 85º to 120º Dynamic backpost (0° or 8°): 85º to 110º Adjustable in increments of 5º
Effective seat depth	14" to 22"
Effective seat width	16" to 24"
Seat plane angle	0° to 10°
Overall length	Effective seat depth + 23"
Overall width	Effective seat width + 8 ½'
Overall length (folded)	Overall length - 10 ¼"
Overall width (folded)	Overall width - 15 ¾"
Caster/front wheel diameter	5", 6", 7" and 8"
Propulsion Wheel Diameter	20", 22", 24" and 26"
Transport Weight*	23,82 lbs (10,81 kg)
Device Weight	39 lbs (17,73 kg)
Maximum Weight Capacity	350 lbs (158 kg)
Armrests	"T" Type - Lowered: 7" to 12" "T" Type - Standard: 8" to 14" Adjustable in increments of ½" "U" Type - Lowered: 6 ¾" à 9 ½" "U" Type - Standard : 8 ½" à 13" "U" Type - Elevated: 12" à 16 ½" Adjustable in increments of ½" "L" Type - Standard: 8" to 14" Adjustable in increments of ½"
Footrests	60° Footrest: 11 ¼" to 21" 70° Footrest: 10 ¾" to 20 ½" 90° Footrest: 10 ½" to 20 ½" Adjustable in increments of ½"
Elevating Legrests	12" to 22"

*Weight based on 20" x 18" XL5™ Heavy Duty

OPTIONS

Backrests	Rigid backrest Tension adjustable sling backrest Standard back post Dynamic back post Fold-down back post
Handles	Standard handles Stroller bar
Tension bars	Standard folding tension bar Folding tension bar with headrest mounting fixture
Armrest pads	Foam pads - Desk or Full length Waterfall foam pads - Full length Waterfall gel pads - Desk or Full length
Headrests	Headrest mounting fixture Headrest supports Headrest pads
One Arm Drive	One Arm Drive Propulsion Mechanism
Forks	Short or long forks
Wheel locks	Push-to-lock Pull-to-lock Anti-rollback wheel lock One Arm Drive Wheel lock Fixed wheel lock extensions Telescopic wheel lock extensions
Axles	Threaded axles Quick-release axles
Rims	Mag wheels Spoke wheels
Tires	Polyurethane Pneumatic tires
Handrims	Aluminium Plastic coated Anti-slip Vertical projection Natural Fit
Spoke-guards	Transparents Special designs
Footplates	Flip-up footplates (Standard or Oversized) Flip-up and adjustable footplates (Standard or Oversized) One-piece footplate
Accessories	Positioning belts, Calf straps and support, Protector pads, Heel support strap, Amputee support, Reflective safety stickers, Cane holders, Oxygen tank holder, Elevating and articulating legrest, etc.

CERTIFIED TRANSIT SAFETY

The XL5™ Heavy Duty (*XL RF*) wheelchair is equipped with wheelchair tie-downs and an occupant restraint systems which meet the ISO/DIS 7176- 19:2019 standard and has successfully passed a frontal impact crash test with a 100 kg (220 lbs) dummy.

FRONT SEAT-TO-FLOOR HEIGHT
BY WHEELCHAIR CONFIGURTATION AND CASTER DIAMETER

STANDARD CROSS BRACE

Caster Wheel	Hemi Frame Short Fork	Standard Frame Short Fork	Standard Frame Long Fork
5"	13" to 14"	15 ½" to 17"	18" to 19 ½"
6"	13 ½" to 14 ½"	16 ½" to 17 ½"	18 ½" to 20"
7"	14 ½" to 15"	17 ½" to 18"	19" to 20 ½"
8"	15 ½"	18 ½"	19 ½" to 21"

INTEGRATED CROSS BRACE

Caster Wheel	Hemi Frame Short Fork	Standard Frame Short Fork	Standard Frame Long Fork
5"	11 ½" to 12 ½"	14" to 15 ½"	16 ½" to 18"
6"	12" to 13"	15" to 16"	17" to 18 ½"
7"	13" to 13 ½"	16" to 16 ½"	17 ½" to 19"
8"	14"	17"	18" to 19 ½"

REAR SEAT-TO-FLOOR HEIGHT
BY WHEELCHAIR CONFIGURTATION AND WHEEL DIAMETER

Propulsion Wheel	Standard Cross Brace	Integrated Cross Brace
20"	13" to 17 ½"	11 ½" to 16"
22"	14" to 18 ½"	12 ½" to 17"
24"	15" to 19 ½"	13 ½" to 18"
26"	16" to 20 ½"	14 ½" to 19"

EFFECTIVENESS OF WHEEL LOCKS (ISO 7176-3)

Section	Description	Measure
7.2	Maximum slope angle, uphill	13,7°
7.2	Maximum slope angle, downhill	10,1°

STATIC STABILITY PARAMETERS
(ISO 7176-1)

Section	Forward static stability	Measure
8.2	Tipping angle of wheelchair in the least stable configuration, with caster wheels unlocked	17,9°
8.3	Tipping angle of wheelchair in the least stable configuration, with caster wheels locked	N/A
Section	**Rear static stability**	**Measure**
9.2	Tipping angle of wheelchair in the least stable configuration, with propulsion wheels unlocked	19,4°
9.3	Tipping angle of wheelchair in the least stable configuration, with propulsion wheels locked	13,2°
Section	**Sideways static stability**	**Measure**
10.2	Tipping angle of wheelchair in the least stable configuration, left side	17°
10.2	Tipping angle of wheelchair in the least stable configuration, right side	17°
Section	**Anti-tip devices static stability**	**Measure**
11.2	Rearward tipping angle of wheelchair in the least stable configuration	19,2°
11.2	Forward tipping angle of wheelchair in the least stable configuration	N/A
11.4	Do anti-tip devices prevent rearward tipping?	Yes
11.4	Do anti-tip devices prevent forward tipping?	N/A

COLORS


Glossy Black
Candy Purple
Matte Black
Silver
White
Sunset Orange
Scarlet Red
Charcoal
Secure Blue

SPOKE-GUARDS

PHYSIPRO'S SPECIAL DESIGN SPOKE-GUARDS

We offer transparent or colorful spoke-guard designs to customize your chair the way you want!

- Made from durable polycarbonate
- Sold in pairs
- Attached with Velcro straps

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CUSTOMIZED SPOKE-GUARDS

It is possible to customize your spoke-guards with an image or logo of your choice.

For customized spoke-guard, additional charges will apply.

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30 years

Canada

370, 10th Avenue South
Sherbrooke (Quebec) J1G 2R7
Canada

1 800 668-2252
info@physipro.com
www.physipro.com

Europe

Village des entrepreneurs
461, rue Saint-Léonard
49000 Angers
France

02 41 69 38 01
contact@physipro.fr

2024