

# Swifty & Swifty 2

## TECHNICAL MANUAL



### Rehab Stroller

- Basic models
- Accessories



Swiftly



Swiftly 2

## Swiftly – The lightweight rehab stroller for children

You can also find more information on the Internet: [www.thomashilfen.com](http://www.thomashilfen.com)

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# BASIC MODEL



## Swift

Item code	9800068065000
Seat depth (with seat minimizer (accessory))	22 (17 cm) - 28,5 cm / 8.7 (6.7") - 11.2"
Seat width (with seat minimizer (accessory))	34 cm (23 cm) / 13.4" (9.1")
Back height	62 cm / 24.4"
min. shoulder height (with seat minimizer)	37 cm (26 cm) / 14.6" (10.2")
Lower leg length (with seat minimizer (accessory))	16 (12 cm) - 33 cm / 6.3 (4.7") - 13"
Back angle	90° to 115°
Foot angle	90°
Seat tilt fix	+15°
Footrest size (W x L)	31 x 18 cm / 12.2 x 7.1"
Overall dimensions (W x H x L)	61 x 102 x 98 cm / 24.0 x 40.2 x 38.6"
Dimensions when folded (W x H x L)	61 x 38 x 73 cm / 24.0 x 15.0 x 28.7"
Push bar height	80 - 119 cm / 31.5 - 46.9"
Wheel size, swivel wheels (front)	7,5"
Wheel size (rear)	10"
max. carrying capacity basket (accessory)	3 kg / 6.6 lbs
Weight	12.4 kg / 27.3 lbs
max. user weight	35 kg / 77.2 lbs

### Standard Equipment

foldable chassis with integrated seat unit; seat and back pads; seat side guide pads; H-belt; fire retardant fabrics; breathable upholstery; hip-angle adjustable backrest; continuously adjustable seat depth; swivel front wheels with wheel lock; noflat EVA-wheels; height adjustable and tiltable footrest; foot brake; height adjustable push bar; crash eyes; bracket for sun and rain cover

### Material Specifications

Frame: powder-coated aluminium

Padding: 100 % Polyester

The material used for the padding is "flame retardant" and was tested in accordance with DIN EN 1021-1.

The material and components underwent standard testing to determine the extent of their resistance to inflammation and were assessed as being very unlikely to catch fire.



## Swift 2

Item code	9800068080010
Seat depth (with seat minimizer (accessory))	34 - 40 cm (24,5 cm) / 13.4 - 15.7" (9.6")
Seat width (with seat minimizer (accessory))	39,5 cm (29,5 cm) / 15.6" (11.6")
Back height	70 cm / 27.6"
min. shoulder height (with seat minimizer (accessory))	47 cm (30 cm) / 18.5" (11.8")
Lower leg length	21 - 37 cm / 8.3 - 14.6"
Side guide (W x H)	25 x 16 cm / 9.8 x 6.3"
Back angle	90° - 100°
Foot angle	90°
Seat angle, fixed	+ 20°
Safe tilting up to a maximum of	10°
Size of footrest (W x D)	31 x 20 cm / 12.2 x 7.9"
Overall dimensions (L x W x H)	98 x 67 x 113 cm / 38.6 x 26.4 x 44.5"
Dimensions when folded (L x W x H)	79 x 67 x 49 cm / 31.1 x 26.4 x 19.3"
Push bar height	82 - 124 mm / 32.3 - 48.8"
Turning circle	126 cm / 49.6"
Wheel size (front (swivelling wheels) / rear)	18 cm / 25 cm / 7.1" / 9.8"
Wheel width (front (swivelling wheels) / rear)	4,5 cm / 5 cm / 1.8" / 2"
Weight	18,6 kg / 41 lbs
Max. load capacity of the basket (accessory)	3 kg / 6.6 lbs
Max. user weight	50 kg / 110.2 lbs

### Standard Equipment

foldable chassis with integrated seat unit; seat and back pads; seat side guide pads; H-belt; fire retardant fabrics; breathable upholstery; hip-angle adjustable backrest; continuously adjustable seat depth; swivel front wheels with wheel lock; noflat EVA-wheels; height adjustable and tiltable footrest; foot brake; height adjustable push bar; crash eyes; bracket for sun and rain cover; folding lock

### Material Specifications

Frame: powder-coated aluminium

Padding: Polyester – Trevira CS

The material used for the padding is "flame retardant" and was tested in accordance with DIN EN 1021-1 and DIN EN 1021-2.

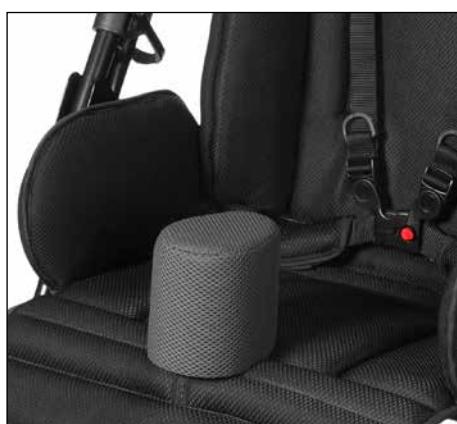
The material and components underwent standard testing to determine the extent of their resistance to inflammation and were assessed as being very unlikely to catch fire.

The 100% Trevira CS material is a high-quality, breathable material and tested positive for biocompatibility. (DIN EN ISO 10993-5 and 10993-10 Trevira CS, black)

# ACCESSORIES



Foot straps	Swiftly	Swiftly 2
<b>Item code</b>	<b>9800066482000</b>	<b>9800066482000</b>
<b>Belt length</b>	87 cm / 34.3"	87 cm / 34.3"
<b>Colour</b>	black	black



Abduction block	Swiftly	Swiftly 2
<b>Item code</b>	<b>9800066206000</b>	<b>9800067206000</b>
<b>Size (w x h x l)</b>	6 x 9 x 10 cm 2.4 x 3.5 x 3.9"	7 x 10,5 x 11 cm 2.8 x 4.1 x 4.3"
<b>Colour</b>	grey	grey
<b>Note</b>	cannot be used in combination with crotch strap	



Grip rail	Swiftly	Swiftly 2
<b>Item code</b>	<b>9800068331000</b>	<b>9800067215000</b>
<b>Height to seat surface</b>	14,5 / 14 / 16,5 cm 5.7 / 5.5 / 6.5"	14 / 17 / 19 / 22 cm 5.5 / 6.7 / 7.5 / 8.7"
<b>Width (inner dimension)</b>	37 cm / 14.6"	38 cm / 14.9"
<b>Colour</b>	grey	grey



Tray	Swiftly	Swiftly 2
<b>Item code</b>	<b>9800068220000</b>	<b>9800067281010</b>
<b>Size (w x d)</b>	56 x 33,2 cm 22 x 13"	60 x 36,2 cm 23.6 x 14.3"
<b>Height to seat surface</b>	15 - 22 cm / 5.9 - 8.7"	15 - 22 cm / 5.9 - 8.7"
<b>Edge height (inside)</b>	2,5 cm / 1"	2,5 cm / 1"
<b>Angle adjustment</b>	approx. 27°	approx. 27°
<b>Depth adjustment range</b>	16 cm / 6.3"	19 cm / 7.5"
<b>Cut-out (w x d)</b>	41 x 14 cm 16.1 x 5.5"	45,5 x 17,5 cm 17.9 x 6.9"
<b>Material thickness</b>	8 mm / 0.3"	8 mm / 0.3"
<b>Colour tray surface</b>	transparent / colourless	transparent / colourless



## Lateral trunk support, rigid

	Swiftly	Swiftly 2
<b>Item code</b>	<b>9800066346000</b>	<b>9800067346000</b>
<b>Supporting surface (h x d)</b>	15 x 13 cm / 5.9 x 5.1"	17 x 15 cm / 6.7 x 5.9"
<b>Colour</b>	grey	grey



## Lateral trunk support, flexible, with chest belt

	Swiftly	Swiftly 2
<b>Item code</b>	<b>9800066332000</b>	<b>9800066332000</b>
<b>Supporting surface (h x d)</b>	10 x 20 cm / 3.9 x 7.9"	10 x 20 cm / 3.9 x 7.9"
<b>Colour</b>	grey	grey



## Lateral seat upholstery

	Swiftly	Swiftly 2
<b>Item code</b>	<b>5005100228000</b>	<b>9700442011000</b>
<b>Size (h x d)</b>	15 x 24 cm / 5.9 x 9.4"	16 x 26 cm / 6.2 x 10.2"
<b>Colour</b>	red	red



## Frame padding

	Swiftly	Swiftly 2
<b>Item code</b>	<b>9800066226000</b>	<b>9800066226000</b>
<b>Outer dimensions (w x h)</b>	(10 - 15) x 45 cm (3.9 - 5.9) x 17.7"	(10 - 15) x 45 cm (3.9 - 5.9) x 17.7"
<b>Colour</b>	black	black

	Swiftly	Swiftly 2
<b>Item code</b>	<b>9800066227000</b>	<b>9800066227000</b>
<b>Outer dimensions (w x h)</b>	(10 - 15) x 45 cm (3.9 - 5.9) x 17.7"	(10 - 15) x 45 cm (3.9 - 5.9) x 17.7"
<b>Colour</b>	red / black	red / black

# ACCESSORIES



## Seat minimizer – set Swiftly (consists of: head pillow, backrest upholstery, pelvic upholstery, footpad)

<b>Item code</b>	<b>9800068340000</b>
<b>Head pillow height (bottom edge)</b>	42 - 48 cm / 16.5 - 18.9"
<b>Thoraxunterstützung Rückenhöhe</b>	27 cm / 10.6"
<b>Seat upholstery seat depth</b>	16 cm / 6.3"
<b>Seat upholstery seat width</b>	22 cm / 8.6"
<b>Seat upholstery height</b>	12 cm / 4.7"
<b>Footpad height</b>	4,5 cm / 1.8"
<b>Colour</b>	black

<b>Item code</b>	<b>9800068341000</b>
<b>Dimensions</b>	s. option black
<b>Colour</b>	red

### Dimensional changes basic model with seat minimizer:

<b>Seat depth</b>	17 - 28,5 cm / 6.7 - 11.2"
<b>Seat width</b>	23 cm / 9.1"
<b>min. shoulder height</b>	26 cm / 10.2"
<b>Lower leg length</b>	12 - 33 cm / 4.7 - 13"



## Seat minimizer set Swiftly 2 (consists of: head pillow, seat wedge, lateral seat guide padding (right and left))

<b>Item code</b>	<b>9800068360000</b>
<b>Head pillow height (bottom edge)</b>	48 - 57 cm / 18.9 - 22.4"
<b>Seat depth with seat wedge</b>	24,5 cm / 9.6"
<b>Seat width with lateral seat guide padding</b>	29 cm / 11.4"
<b>Lateral seat guide padding height</b>	16 cm / 6.2"
<b>Colour</b>	black

### Dimensional changes basic model with seat minimizer:

<b>Seat depth</b>	24,5 - 30,5 cm / 9.6 - 12"
<b>Seat width</b>	29,5 cm / 11.6"
<b>min. shoulder height</b>	30 cm / 11.8"



## Footpad Swiftly –

<b>Item code</b>	<b>5005100239005</b>	–
<b>Size (w x d)</b>	31 x 17 cm / 12.2 x 6.7"	–
<b>Height</b>	4,5 cm / 1.8"	–
<b>Colour</b>	black	–





<b>Pelvic upholstery</b> (part of seat minimizer set)	<b>Swiftly</b>	–
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<b>Item code</b>	<b>5005100229005</b>	–
<b>Size upholstery (h x d)</b>	11,5 x 21,5 cm / 4.5 x 8.5"	–
<b>Width upholstery</b>	4 cm / 1.6"	–
<b>Colour</b>	black	–

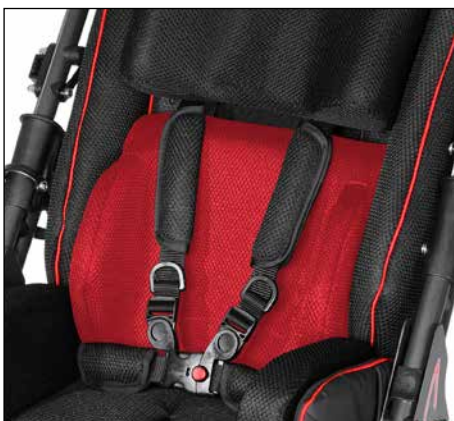
<b>Item code</b>	<b>5005100227000</b>	–
<b>Dimensions</b>	s. option black	–
<b>Colour</b>	red	–



<b>Seat width reducer</b> (part of seat minimizer set (lateral seat guide padding))	–	<b>Swiftly 2</b>
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<b>Item code</b>	–	<b>9800068410000</b>
<b>Size upholstery (h x d)</b>	–	16 x 24 cm / 6.3 x 9.4"
<b>Width upholstery</b>	–	5 cm / 2"
<b>Colour</b>	–	black

<b>Item code</b>	–	<b>9800068411000</b>
<b>Dimensions</b>	–	s. option black
<b>Colour</b>	–	red



<b>Backrest upholstery</b> (part of seat minimizer set)	<b>Swiftly</b>	–
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<b>Item code</b>	<b>5005100219005</b>	–
<b>Size (h x w)</b>	28 x 26 cm / 11 x 10.2"	–
<b>Depth</b>	12,5 cm / 4.9"	–
<b>Width</b> (between lateral trunk upholstery)	21,5 cm / 8.5"	–
<b>Colour</b>	black	–

<b>Item code</b>	<b>5005100226000</b>	–
<b>Dimensions</b>	s. option black	–
<b>Colour</b>	red	–



<b>Head pillow</b> (part of seat minimizer set)	<b>Swiftly</b>	<b>Swiftly 2</b>
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<b>Item code</b>	<b>5005100209005</b>	–
<b>Size (w x h x d)</b>	26 x 13,5 x 7,5 cm 10.2 x 5.3 x 3"	–
<b>Colour</b>	black	–

<b>Item code</b>	<b>5005100225000</b>	<b>9800068420000</b>
<b>Size (w x h x d)</b>	s. option black	30,5 x 16 x 7,5 cm 12 x 6.3 x 3 "
<b>Colour</b>	red	red

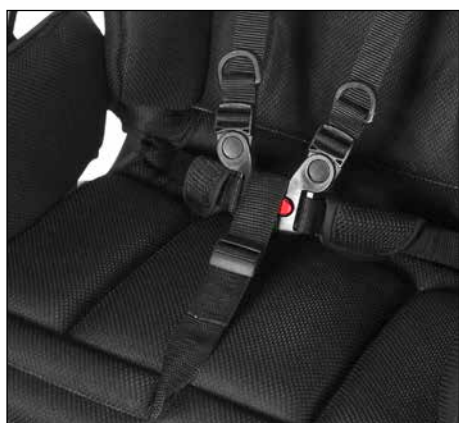
# ACCESSORIES



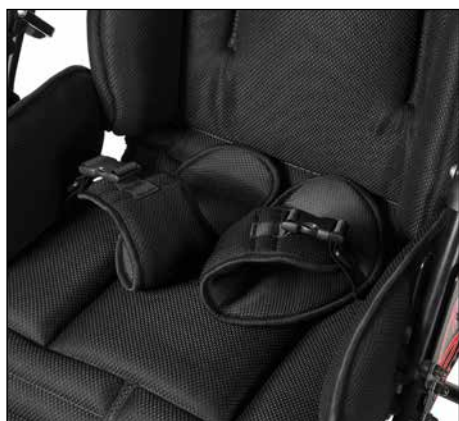
2-point pelvic harness with front-pull	Swiftly	Swiftly 2
<b>Item code</b>	<b>9800084201000</b>	<b>9800084701000</b>
<b>Upholstered area (w x h)</b>	15 x 5 cm / 5.9 x 2"	17 x 5 cm / 6.7 x 2"
<b>Belt length</b>	130 cm / 51.2"	130 cm / 51.2"
<b>Colour</b>	black	black



4-point pelvic harness with front-pul	Swiftly 2
<b>Item code</b>	<b>9800084711000</b>
<b>Upholstered area (w x h)</b>	17 x 8 cm / 6.7 x 3.1"
<b>Rear belt length</b>	120 cm / 47.2"
<b>Front belt length</b>	50 cm / 19.7"
<b>Colour</b>	black



Crotch strap	Swiftly	Swiftly 2
<b>Item code</b>	<b>9800063411000</b>	<b>9800063411000</b>
<b>Belt length</b>	ca. 18 - 33 cm / 7.1 - 13"	ca.18 - 33 cm / 7.1 - 13"
<b>Colour</b>	black	black
<b>Note</b>	can only be used in combination with pelvic harness or H-belt	



Soft pelvic harness	Swiftly	Swiftly 2
<b>Item code</b>	<b>9800066146000</b>	<b>9800067146000</b>
<b>Width upholstered area rear</b>	21 cm / 8.3"	26,5 cm / 10.4"
<b>Belt length</b>	45 cm / 17.7"	45 cm / 17.7"
<b>Colour</b>	black	black



Butterfly/chest harness		size S	size M	size L
<b>Item code</b>		<b>9800066166000</b>	<b>9800066176000</b>	<b>9800067176000</b>
<b>A</b>		18,5 cm / 7.2"	25 cm / 9.8"	25,5 cm / 10"
<b>B</b>		30 cm / 11.8"	33,5 cm / 13.1"	45 cm / 17.7"
<b>C</b>		16 cm / 6.3"	18,5 cm / 7.2"	23 cm / 9.1"
<b>D</b>		14 cm / 5.5"	17 cm / 6.7"	22 cm / 8.7"
<b>E</b>		11,5 cm / 4.5"	10,5 cm / 4.1"	11,5 cm / 4.5"
<b>F</b>		18 cm / 7.1"	21,5 cm / 8.5"	25 cm / 9.8"
<b>Colour</b>		black	black	black



Butterfly/chest harness, flexible		size S	size M
<b>Item code</b>		<b>9800063853000</b>	<b>9800065853000</b>
<b>A</b>		12 cm / 4.7"	18 cm / 7.1"
<b>B</b>		21 cm / 8.3"	33 cm / 13"
<b>C</b>		11,5 cm / 4.5"	15 cm / 5.9"
<b>D</b>		9,5 cm / 3.7"	18 cm / 7.1"
<b>E</b>		6 cm / 3.4"	10 cm / 3.9"
<b>F</b>		21 cm / 8.3"	27 cm / 10.6"
<b>Colour</b>		black	black



Seat waistcoat		size S	size M	size L
<b>Item code</b>		<b>9800066315100</b>	<b>9800066325100</b>	<b>9800067315100</b>
<b>Upholstered area (w x l)</b>		33 x 30 cm 13 x 11.8"	38 x 35 cm 15 x 13.7"	44 x 41 cm 17.3 x 16.1"
<b>Belt length, top</b>		65 cm / 25.6"	65 cm / 25.6"	65 cm / 25.6"
<b>Colour</b>		black	black	black



Head pillow		Swiftly	Swiftly 2
<b>Item code</b>		<b>9800068240000</b>	<b>9800068370000</b>
<b>Size (w x h x d)</b>		26 x 13,5 x 7,5 cm 10.2 x 5.3 x 3"	30,5 x 16 x 7,5 cm 12 x 6.3 x 3"
<b>Colour</b>		black	black
<b>Item code</b>		–	<b>9800068371000</b>
<b>Size (w x h x d)</b>		–	s. option black
<b>Colour</b>		–	red

# ACCESSORIES



Sun and rain cover with leg blanket	Swiftly	Swiftly 2
<b>Item code</b>	<b>9800066376000</b>	<b>9800066376000</b>
<b>Shield</b> (w x h, inner dimension)	43 x 51 cm / 16.9 x 20.1"	43 x 51 cm / 16.9 x 20.1"
<b>Shield bag</b> (w x h x d)	24 x 28 x 5 cm 9.4 x 11 x 2"	24 x 28 x 5 cm 9.4 x 11 x 2"
<b>Leg blanket</b> (w x l)	43 x 100 cm / 16.9 x 39.4"	43 x 100 cm / 16.9 x 39.4"
<b>Colour</b>	black / light grey	black / light grey
<b>Note</b>	suitable up to max. 71 cm / 28" crown height	



Sun and rain cover	Swiftly	Swiftly 2
<b>Item code</b>	<b>9800066376100</b>	<b>9800066376100</b>
<b>Shield</b> (w x h, inner dimension)	43 x 51 cm / 16.9 x 20.1"	43 x 51 cm / 16.9 x 20.1"
<b>Shield bag</b> (w x h x d)	24 x 28 x 5 cm 9.4 x 11 x 2"	24 x 28 x 5 cm 9.4 x 11 x 2"
<b>Colour</b>	black / light grey	black / light grey
<b>Note</b>	suitable up to max. 71 cm / 28" crown height	



Rain shield, transparent for sun and rain cover	Swiftly	Swiftly 2
<b>Item code</b>	<b>9800067390000</b>	<b>9800067390000</b>
<b>Shield</b> (w x h, inner dimension)	43 x 51 cm / 16.9 x 20.1"	43 x 51 cm / 16.9 x 20.1"
<b>Opening</b> (w x h)	33 x 34 cm / 13 x 13.3"	33 x 34 cm / 13 x 13.3"
<b>Leg blanket</b> (w x l)	60 x 120 cm / 23.6 x 47.2"	60 x 120 cm / 23.6 x 47.2"
<b>Colour</b>	transparent	transparent
<b>Note</b>	can only be used in combination with „sun and rain cover with leg blanket“ or „sun and rain cover“	



Rain cover, transparent, with leg blanket	Swiftly	Swiftly 2
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<b>Item code</b>	<b>9800066381000</b>	<b>9800066381000</b>
<b>Shield</b> (w x h, inner dimension)	43 x 51 cm / 16.9 x 20.1"	43 x 51 cm / 16.9 x 20.1"
<b>Leg blanket</b> (w x l)	43 x 100 cm / 16.9 x 39.4"	43 x 100 cm / 16.9 x 39.4"
<b>Colour</b>	transparent	transparent
<b>Note</b>	suitable up to max. 71 cm / 28" crown height	



Umbrella	Swiftly	Swiftly 2
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<b>Item code</b>	<b>9800065940000</b>	<b>9800065940000</b>
<b>Diameter Ø</b>	65 cm / 25.6"	65 cm / 25.6"
<b>Height</b>	75 cm / 29.5"	75 cm / 29.5"
<b>Colour</b>	grey	grey



Sleeping bag, padded	Swiftly	Swiftly 2
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<b>Item code</b>	<b>9800066195000</b>	<b>9800067195000</b>
<b>Bottom part leg blanket</b> (w x l)	35 x (68 - 80) cm 13.8 x (26.8 x 31.5)"	40 x (90 - 104) cm 15.7 x (35.4 x 40.9)"
<b>Leg blanket</b> (lower leg length)	31 cm / 12.2"	43 cm / 16.9"
<b>Colour</b>	black / light grey	black / light grey

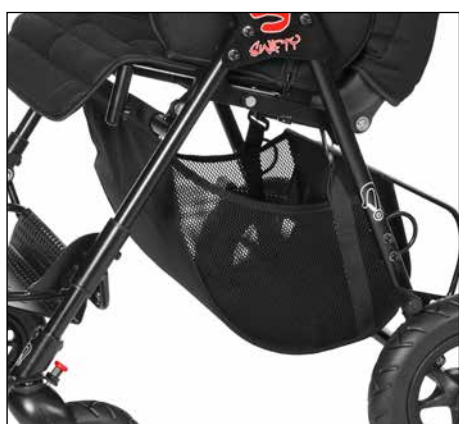
Sleeping bag, woven fur	Swiftly	Swiftly 2
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<b>Item code</b>	<b>9800066185000</b>	<b>9800067185000</b>
<b>Bottom part leg blanket</b> (w x l)	35 x (68 - 80) cm 13.8 x (26.8 x 31.5)"	40 x (90 - 104) cm 15.7 x (35.4 x 40.9)"
<b>Leg blanket</b> (lower leg length)	31 cm / 12.2"	43 cm / 16.9"
<b>Colour</b>	black / light grey	black / light grey

# ACCESSORIES



Basket	Swifty
<b>Item code</b>	<b>9800068130000</b>
<b>Size (w x h x l)</b>	26 x 17 x 30 cm / 10.2 x 6.7 x 11.8"
<b>Volume</b>	13 l
<b>Loading capacity</b>	3 kg / 6.6 lbs
<b>Colour</b>	black



Basket	Swiftly 2
<b>Item code</b>	<b>9800068350000</b>
<b>Size (w x h x l)</b>	33 x 18,5 x 30 cm 13 x 7.3 x 11.8"
<b>Volume</b>	15 l
<b>Loading capacity</b>	3 kg / lbs
<b>Colour</b>	black



Pneumatic wheels, upgrade kit	Swiftly
<b>Item code</b>	<b>9800066470013</b>
<b>Wheel size swivel wheels (front)</b>	7,5"
<b>Wheel size (rear)</b>	10"



Pneumatic wheels, upgrade kit	Swiftly 2
<b>Item code</b>	<b>9800066710000</b>
<b>Wheel size swivel wheels (front)</b>	7,5"
<b>Wheel size (rear)</b>	10"



Tip assist	Swiftly	Swiftly 2
<b>Item code</b>	<b>9800068291000</b>	<b>9800068291000</b>
<b>Tread area (w x l)</b>	4 x 8 cm / 1.6 x 3.1"	4 x 8 cm / 1.6 x 3.1 "
<b>Colour</b>	black	black



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