

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

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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.



Swiftly 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.

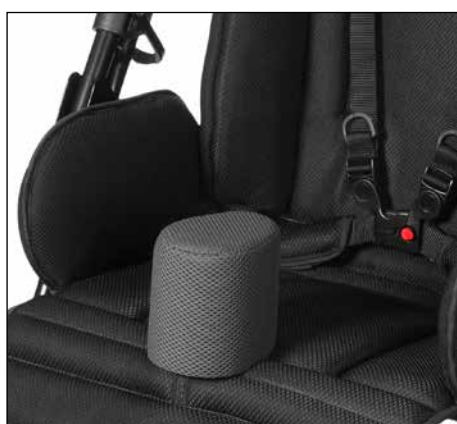
The material and components underwent standard testing to determine the extent of their resistance to inflammation and were assessed as being very unlikely to catch fire.

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 |
|--------------------|----------------------|----------------------|
| Item code | 9800066482000 | 9800066482000 |
| Belt length | 87 cm / 34.3" | 87 cm / 34.3" |
| Colour | black | black |



| Abduction block | Swiftly | Swiftly 2 |
|-------------------------|---|--------------------------------------|
| Item code | 9800066206000 | 9800067206000 |
| Size (w x h x l) | 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" |
| Colour | grey | grey |
| Note | cannot be used in combination with crotch strap | |



| Grip rail | Swiftly | Swiftly 2 |
|--------------------------------|---|--|
| Item code | 9800068331000 | 9800067215000 |
| Height to seat surface | 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" |
| Width (inner dimension) | 37 cm / 14.6" | 38 cm / 14.9" |
| Colour | grey | grey |



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



| Lateral trunk support, rigid | Swiftly | Swiftly 2 |
|-----------------------------------|-------------------------|-------------------------|
| Item code | 9800066346000 | 9800067346000 |
| Supporting surface (H x T) | 15 x 13 cm / 5.9 x 5.1" | 17 x 15 cm / 6.7 x 5.9" |
| Colour | grey | grey |



| Lateral trunk support, flexible, with chest belt | Swiftly | Swiftly 2 |
|--|-------------------------|-------------------------|
| Item code | 9800066332000 | 9800066332000 |
| Supporting surface (H x T) | 10 x 20 cm / 3.9 x 7.9" | 10 x 20 cm / 3.9 x 7.9" |
| Colour | grey | grey |



| Lateral seat upholstery | Swiftly | Swiftly 2 |
|-------------------------|-------------------------|--------------------------|
| Item code | 5005100228000 | 9700442011000 |
| Size (H x T) | 15 x 24 cm / 5.9 x 9.4" | 16 x 26 cm / 6.2 x 10.2" |
| Colour | red | red |



| Frame padding | Swiftly | Swiftly 2 |
|---------------------------------|--|--|
| Item code | 9800066226000 | 9800066226000 |
| Outer dimensions (w x h) | (10 - 15) x 45 cm (3.9 - 5.9) x 17.7" | (10 - 15) x 45 cm (3.9 - 5.9) x 17.7" |
| Colour | black | black |

| | | |
|---------------------------------|--|--|
| Item code | 9800066227000 | 9800066227000 |
| Outer dimensions (w x h) | (10 - 15) x 45 cm (3.9 - 5.9) x 17.7" | (10 - 15) x 45 cm (3.9 - 5.9) x 17.7" |
| Colour | red / black | red / black |

ACCESSORIES



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

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

| | |
|-------------------|----------------------|
| Item code | 9800068341000 |
| Dimensions | s. option black |
| Colour | red |

Dimensional changes basic model with seat minimizer:

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



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

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

Dimensional changes basic model with seat minimizer:

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



Footpad Swiftly –

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



| Pelvic upholstery (part of seat minimizer set) | Swiftly | – |
|---|---------|---|
|---|---------|---|

| | | |
|--------------------------------|-----------------------------|---|
| Item code | 5005100229005 | – |
| Size upholstery (H x T) | 11,5 x 21,5 cm / 4.5 x 8.5" | – |
| Width upholstery | 4 cm / 1.6" | – |
| Colour | black | – |

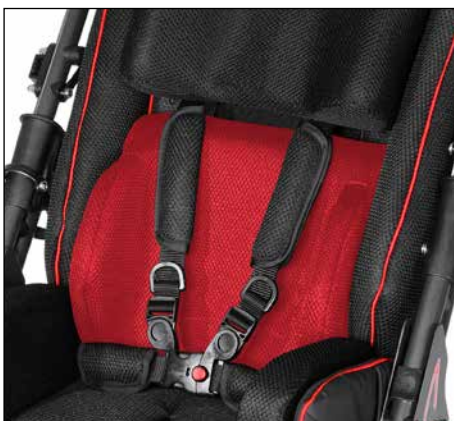
| | | |
|-------------------|----------------------|---|
| Item code | 5005100227000 | – |
| Dimensions | s. option black | – |
| Colour | red | – |



| Seat width reducer (part of seat minimizer set (lateral seat guide padding)) | – | Swiftly 2 |
|---|---|-----------|
|---|---|-----------|

| | | |
|--------------------------------|---|-------------------------|
| Item code | – | 9800068410000 |
| Size upholstery (H x T) | – | 16 x 24 cm / 6.3 x 9.4" |
| Width upholstery | – | 5 cm / 2" |
| Colour | – | black |

| | | |
|-------------------|---|----------------------|
| Item code | – | 9800068411000 |
| Dimensions | – | s. option black |
| Colour | – | red |



| Backrest upholstery (part of seat minimizer set) | Swiftly | – |
|---|---------|---|
|---|---------|---|

| | | |
|--|-------------------------|---|
| Item code | 5005100219005 | – |
| Size (H x B) | 28 x 26 cm / 11 x 10.2" | – |
| Depth | 12,5 cm / 4.9" | – |
| Width (between lateral trunk upholstery) | 21,5 cm / 8.5" | – |
| Colour | black | – |

| | | |
|-------------------|----------------------|---|
| Item code | 5005100226000 | – |
| Dimensions | s. option black | – |
| Colour | red | – |



| Head pillow (part of seat minimizer set) | Swiftly | Swiftly 2 |
|---|---------|-----------|
|---|---------|-----------|

| | | |
|-------------------------|---------------------------------------|---|
| Item code | 5005100209005 | – |
| Size (w x h x d) | 26 x 13,5 x 7,5 cm 10.2 x 5.3 x 3" | – |
| Colour | black | – |

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

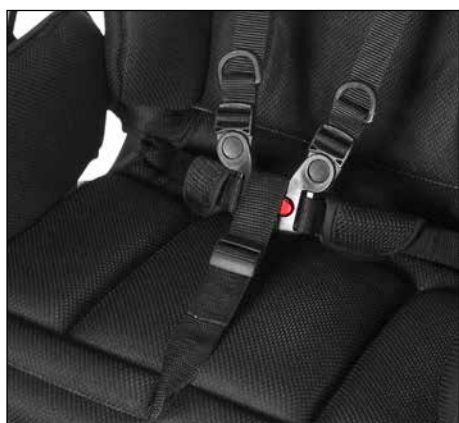
ACCESSORIES



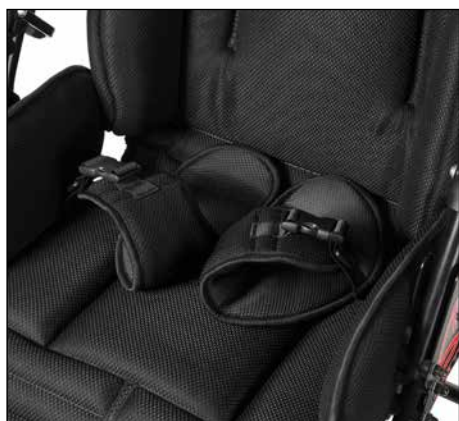
| 2-point pelvic harness with front-pull | Swiftly | Swiftly 2 |
|--|----------------------|----------------------|
| Item code | 9800084201000 | 9800084701000 |
| Upholstered area (w x h) | 15 x 5 cm / 5.9 x 2" | 17 x 5 cm / 6.7 x 2" |
| Belt length | 130 cm / 51.2" | 130 cm / 51.2" |
| Colour | black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



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



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



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



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



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



| Seat waistcoat | | size S | size M | size L |
|---------------------------------|--|--------------------------|--------------------------|----------------------------|
| Item code | | 9800066315100 | 9800066325100 | 9800067315100 |
| Upholstered area (w x l) | | 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" |
| Belt length, top | | 65 cm / 25.6" | 65 cm / 25.6" | 65 cm / 25.6" |
| Colour | | black | black | black |



| Head pillow | | Swiftly | Swiftly 2 |
|-------------------------|--|---------------------------------------|-------------------------------------|
| Item code | | 9800068240000 | 9800068370000 |
| Size (w x h x d) | | 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" |
| Colour | | black | black |
| Item code | | – | 9800068371000 |
| Size (w x h x d) | | – | s. option black |
| Colour | | – | red |

ACCESSORIES



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



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



| Rain shield, transparent for sun and rain cover | Swiftly | Swiftly 2 |
|---|--|-------------------------------|
| Item code | 9800067390000 | 9800067390000 |
| Shield (w x h, inner dimension) | 43 x 51 cm / 16.9 x 20.1" | 43 x 51 cm / 16.9 x 20.1" |
| Opening (w x h) | 33 x 34 cm / 13 x 13.3" | 33 x 34 cm / 13 x 13.3" |
| Leg blanket (w x l) | 60 x 120 cm / 23.6 x 47.2" | 60 x 120 cm / 23.6 x 47.2" |
| Colour | transparent | transparent |
| Note | 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 |
|---|---------|-----------|
|---|---------|-----------|

| | | |
|--|--|-------------------------------|
| Item code | 9800066381000 | 9800066381000 |
| Shield (w x h, inner dimension) | 43 x 51 cm / 16.9 x 20.1" | 43 x 51 cm / 16.9 x 20.1" |
| Leg blanket (w x l) | 43 x 100 cm / 16.9 x 39.4" | 43 x 100 cm / 16.9 x 39.4" |
| Colour | transparent | transparent |
| Note | suitable up to max. 71 cm / 28" crown height | |



| Umbrella | Swiftly | Swiftly 2 |
|----------|---------|-----------|
|----------|---------|-----------|

| | | |
|-------------------|----------------------|----------------------|
| Item code | 9800065940000 | 9800065940000 |
| Diameter Ø | 65 cm / 25.6" | 65 cm / 25.6" |
| Height | 75 cm / 29.5" | 75 cm / 29.5" |
| Colour | grey | grey |



| Sleeping bag, padded | Swiftly | Swiftly 2 |
|----------------------|---------|-----------|
|----------------------|---------|-----------|

| | | |
|--|--|---|
| Item code | 9800066195000 | 9800067195000 |
| Bottom part leg blanket (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)" |
| Leg blanket (lower leg length) | 31 cm / 12.2" | 43 cm / 16.9" |
| Colour | black / light grey | black / light grey |

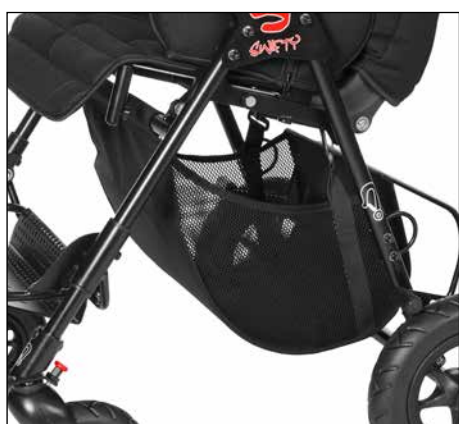
| Sleeping bag, woven fur | Swiftly | Swiftly 2 |
|-------------------------|---------|-----------|
|-------------------------|---------|-----------|

| | | |
|--|--|---|
| Item code | 9800066185000 | 9800067185000 |
| Bottom part leg blanket (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)" |
| Leg blanket (lower leg length) | 31 cm / 12.2" | 43 cm / 16.9" |
| Colour | black / light grey | black / light grey |

ACCESSORIES



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



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



| Pneumatic wheels, upgrade kit | Swiftly |
|---|----------------------|
| Item code | 9800066470013 |
| Wheel size swivel wheels (front) | 7,5" |
| Wheel size (rear) | 10" |



| Pneumatic wheels, upgrade kit | Swiftly 2 |
|---|----------------------|
| Item code | 9800066710000 |
| Wheel size swivel wheels (front) | 7,5" |
| Wheel size (rear) | 10" |



| Tip assist | Swifty | Swifty 2 |
|---------------------------|-----------------------|------------------------|
| Item code | 9800068291000 | 9800068291000 |
| Tread area (w x l) | 4 x 8 cm / 1.6 x 3.1" | 4 x 8 cm / 1.6 x 3.1 " |
| Colour | black | black |



Member of the International
Support Association for the
Rehabilitation of Children and Youths e.V.



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