

EASyS Modular Technical Manual

EASyS Modular Rehab stroller

- Models
- Accessories for EASyS Modular seat unit
- Accessories for A and Q chassis

INDEX

EASyS Modular, ...

... is a rehab stroller with more head support, more positioning options and more comfort and control.

The EASyS Modular seating system with BSS® (Balance Safety System) ensures that sitting, lying and transportation are safe, comfortable, and therapeutically correct.

For more information on EASyS Modular please visit our website www.thomashilfen.com (or USA only www.thomashilfen.us).

Contents	page
MODELS	EASyS Modular 1 + 2 seating system 3
	A chassis with EASyS Modular seat unit 1 + 2 4
	Q chassis with EASyS Modular seat unit 1 + 2 5
	Z chassis with EASyS Modular seat unit 1 + 2 5
MODELS optional basic configuration	Headrest, standard 6
	Headrest, neck support 6
	Headrest, shell 6
	Upholstery set, classic grey 7
	Upholstery set, berry 7
ACCESSORIES for EASyS Modular seat unit	Foot straps 8
	Calf strap 8
	Abduction block 8
	Grip rail 8
	Grip rail, strong curved 9
	Therapy tray, transparent 9
	Lateral trunk support, flexible with chest belt 9
	Lateral trunk support, rigid 9
	Frame padding 10
	2-point pelvic belt with front pull 10
	4-point pelvic belt with front pull 10
	Soft pelvic harness 10
	Butterflychest harness 11
	Butterflychest harness, flexible 11
	Seat waistcoat 11
	H-belt, padded 11
	Sun and rain cover with leg blanket 12
	Sun and rain cover without leg blanket 12
	Rain shield for sun and rain cover 12
	Transparent cover with leg blanket 13
	Umbrella 13
	Sleeping bag (padded + woven fur) 13
ACCESSORIES for A chassis	Pneumatic wheels (surcharge + upgrade kit) 14
	Tip assist 14
	Transit tie down system 14
ACCESSORIES for Q chassis	Push bar 15



EASyS Modular 1 seating system

Item code	6210*
Seat depth	16 - 28 cm / 6.3 - 11"
Seat width	20 - 30 cm / 7.9 - 11.8"
Back height *	26 - 42 cm / 10.2 - 16.5"
Lower leg length	17 - 30 cm / 6.7 - 11.8"
Hip angle	90° to 140°
Knee angle	90° to 180°
Foot angle	78° to 100°
Turning range of seat	180°
Seat tilt-in-space (on A chassis)	-10° to +35°
Height adjustment arm support	10 - 14 cm / 3.9 - 5.5"
Size of arm support (w x h)	21 x 10 cm / 8.3 x 3.9"
Size of foot rest (w x d)	29 x 18 cm / 11.4 x 7.1"
Overall dimensions (l x w x h)	85 x 41 x 57 cm / 33.5 x 16.1 x 22.4"
Folded dimensions without footrest (l x w x h)	89 x 41 x 38 cm / 35 x 16.1 x 15"
Weight (seat) *	7.9 kg / 17.4 lb
Carrying capacity (seat)	35 kg / 77.2 lb

* without headrest

Material Upholstery: PES fabrics, 3-mesh-air-comfort-interlaced yarns (AGW)
Seat: aluminium tubular frame, plastic assembly units

* US only: 661001, 661002, 661003, 661004, 661005



EASyS Modular 2 seating system

Item code	6410
Seat depth	24 - 35 cm / 9.4 - 13.8"
Seat width	26 - 35 cm / 10.2 - 13.8"
Back height *	32 - 52 cm / 12.6 - 20.5"
Lower leg length	25 - 36 cm / 9.8 - 14.2"
Hip angle	90° to 140°
Knee angle	90° to 180°
Foot angle	78° to 100°
Turning range of seat	180°
Seat tilt-in-space (on A chassis)	-10° to +35°
Height adjustment arm support	12 - 18 cm / 4.7 - 7.1"
Size of arm support (w x h)	29 x 12 cm / 11.4 x 4.7"
Size of foot rest (w x d)	33 x 21 cm / 13 x 8.3"
Overall dimensions (l x w x h)	64 x 48 x 77 cm / 25.2 x 18.9 x 30.3"
Folded dimensions without footrest (l x w x h)	90 x 48 x 60 cm / 35.4 x 18.9 x 23.6"
Weight (seat) *	9.6 kg / 21.2 lb
Carrying capacity (seat)	40 kg / 88.2 lb

* without headrest

Material Upholstery: PES fabrics, 3-mesh-air-comfort-interlaced yarns (AGW)
Seat: aluminium tubular frame, plastic assembly units

* US only: 671001, 671002, 671003, 671004, 671005

Features

EASyS Modular seat unit with BSS® (Balance Safety System) - safety seat; physiological pivots for the hip- and knee joint; adapter for different head rests; head rest (freely selectable); adjustable arm supports (height, width and depth); breathable seat and back upholstery with reflective safety-seams; upholstery set (freely selectable); fire retardant fabrics; foldable, angle and height adjustable footrest; EASyS click-system for an easy seat installation / removal; continuously adjustable back height, hip angle, seat depth and seat width; easily accessible adjustments using an Allen key; colour choice: classic grey or berry

MODELS



A chassis, swivel or fixed front wheels	Size 1	Size 2
Item code chassis (swivel wheels) + seat unit	6201 + 6210	6401 + 6410
Item code chassis (fixed wheels) + seat unit	6200 + 6210	6400 + 6410
Item code stroller with swivelling front wheels	6209	6409
Seat tilt-in-space	-10° to +35°	-10° to +35°
Seat height	48 cm / 18.9"	54 cm / 21.3"
Turning range of seat	180°	180°
Safe static stability up to max.	10°	10°
Push bar height	92 - 114 cm / 36.2 - 44.9"	92 - 120 cm / 36.2 - 47.2"
Turning circle	83 cm / 32.7"	99 cm / 39"
Wheel size swivel wheels (front)	7,5"	7,5"
Wheel size fixed wheels (front)	10"	10"
Wheel size (rear)	10"	10"
Overall dimensions (l x w x h), in running order only A chassis	75 x 60 x 77 cm 29.5 x 23.6 x 30.3"	81 x 73 x 79 cm 31.9 x 28.7 x 31.1"
Folded dimensions (l x w x h) only A chassis	83 x 64 x 41 cm 32.7 x 25.2 x 16.1"	78 x 73 x 44 cm 30.7 x 28.7 x 17.3"
Overall dimensions (l x w x h), in running order with seat unit EASyS Modular	83 x 59 x 99 cm 32.7 x 23.2 x 39"	83 x 64 x 99 cm 32.7 x 25.2 x 39"
Folded dimensions (l x w x h) with seat unit EASyS Modular	83 x 59 x 59 cm 32.7 x 23.2 x 23.2"	99 x 64 x 75 cm 39 x 25.2 x 29.5"
Weight (without seat unit)	8.2 kg / 18.1 lb	9.2 kg / 20.3 lb
Carrying capacity (incl. seat unit)	45 kg / 99.2 lb	50 kg / 110.2 lb
Material	aluminium tubular frame, powder-coated, rim: PP (polypropylene); tire equipment: composition rubber	



A chassis, crash-version transit tie down included	Size 1	Size 2
Item code chassis (swivel wheels) + seat unit	6202 + 6210	6402 + 6410
Item code stroller with swivelling front wheels	6208	6408
Seat tilt-in-space	-10° to +35°	-10° to +35°
Seat height	48 cm / 18.9"	54 cm / 21.3"
Turning range of seat	180°	180°
Safe static stability up to max.	10°	10°
Push bar height	92 - 114 cm / 36.2 - 44.9"	92 - 120 cm / 36.2 - 47.2"
Turning circle	83 cm / 32.7"	99 cm / 39"
Wheel size swivel wheels (front)	7,5"	7,5"
Wheel size fixed wheels (front)	10"	10"
Wheel size (rear)	10"	10"
Overall dimensions (l x w x h), in running order only A chassis	75 x 60 x 77 cm 29.5 x 23.6 x 30.3"	81 x 73 x 79 cm 31.9 x 28.7 x 31.1"
Folded dimensions (l x w x h) only A chassis	83 x 64 x 41 cm 32.7 x 25.2 x 16.1"	78 x 73 x 44 cm 30.7 x 28.7 x 17.3"
Overall dimensions (l x w x h), in running order with seat unit EASyS Modular	83 x 59 x 99 cm 32.7 x 23.2 x 39"	83 x 64 x 99 cm 32.7 x 25.2 x 39"
Folded dimensions (l x w x h) with seat unit EASyS Modular	83 x 59 x 59 cm 32.7 x 23.2 x 23.2"	99 x 64 x 75 cm 39 x 25.2 x 29.5"
Weight (without seat unit)	8.2 kg / 18.1 lb	9.2 kg / 20.3 lb
Carrying capacity (incl. seat unit)	45 kg / 99.2 lb	50 kg / 110.2 lb
Material	aluminium tubular frame, powder-coated, rim: PP (polypropylene); tire equipment: composition rubber	

Features

- Chassis:** lightweight and stable aluminium chassis, foldable (compact folded dimensions), tilt-in-space lever at push bar; lockable seat suspension, continuously adjustable seat tilt-in-space, height adjustable push bar with biocompatible soft grip, foot brake, rim: PP (polypropylene); tire equipment: composition rubber, swivelling or fixed front wheels (with locking option); crash-version with transit tie down system; removable basket
- Seat unit:** see page 3, both front and rear facing seat



Q chassis hi/low base for indoor use

	Size 1	Size 2
Item code chassis + seat unit	6666 + 6210	6666 + 6410
Seat tilt-in-space	-7° to +31°	-7° to +31°
Seat height (including seat unit)	29 - 69 cm / 11.4 - 27.2"	29 - 69 cm / 11.4 - 27.2"
Overall dimensions (l x w x h) only Q chassis	76 x 54 x (25 - 62) cm 29.9 x 21.3 x (9.8 - 24.4)"	76 x 54 x (25 - 62) cm 29.9 x 21.3 x (9.8 - 24.4)"
Adapter height	21 - 60 cm / 8.3 - 23.6"	21 - 60 cm / 8.3 - 23.6"
Wheel size swivel wheels (front)	100 mm / 4"	100 mm / 4"
Wheel size swivel wheels (rear)	100 mm / 4" (brake)	100 mm / 4" (brake)
Weight (without seat unit)	13.5 kg / 29.7 lb	13.5 kg / 29.7 lb
Carrying capacity (incl. seat unit)	50 kg / 110.2 lb	50 kg / 110.2 lb
Material	aluminium tubular frame, powder-coated, PU castors	

Features

Hi / low base: comfortable indoor base, easy height and seat tilt-in-space adjustment with gas spring (foot engaged), 4 swivelling castors (2 lockable)

Seat unit: see page 3



Z chassis standard underframe for indoor use

	Size 1	Size 2
Item code chassis + seat unit	6691 + 6210	6691 + 6410
Seat tilt-in-space	-15° to +35°	-15° to +35°
Seat height	39 - 58.5 cm / 15.4 - 23"	39 - 58.5 cm / 15.4 - 23"
Overall dimensions (l x w x h)	65 x 54 x (33 - 51) cm 25.6 x 21.3 x (13 - 20.1)"	65 x 54 x (33 - 51) cm 25.6 x 21.3 x (13 - 20.1)"
Wheel size swivel wheels (front / rear)	3"	3"
Weight (without seat unit)	7.2 kg / 15.9 lb	7.2 kg / 15.9 lb
Carrying capacity (incl. seat unit)	40 kg / 88.2 lb	40 kg / 88.2 lb
Material	aluminium tubular frame, powder-coated, PU castors	

Features

Chassis: lightweight and versatile indoor base, mechanical height and seat tilt-in-space adjustment, 4 swivelling castors (2 lockable)

Seat unit: see page 3

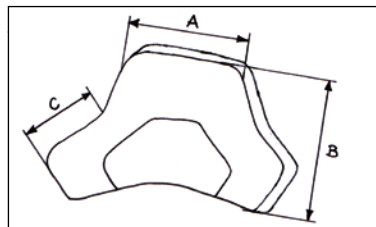
MODELS optional basic configuration



Headrest, standard	Size 1	Size 2
Item code	6260	6460
Size (w x h)	23 x 12 cm 9.1 x 4.7"	28 x 15 cm 11 x 5.9"
Height headrest (from upper edge of seat unit)	12 - 27 cm 4.7 - 10.6"	16 - 31 cm 6.3 - 12.2"
Depth adjustment (forward / backward)	+14 cm / - 4 cm + 5.5" / - 1.6"	+14 cm / - 4 cm + 5.5" / - 1.6"



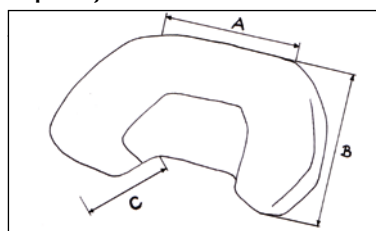
Headrest, neck support	Size 1	Size 2
Item code	6262	6262
Height headrest (from upper edge of seat unit)	14 - 31 cm 5.5 - 12.2"	14 - 31 cm 5.5 - 12.2"
Depth adjustment (forward / backward)	+ 14 cm / -6 cm + 5.5" / - 2.4"	+14 cm / - 6 cm + 5.5" / - 2.4"



A	12 cm / 4.7"
B	14 cm / 5.5"
C	9 cm / 3.5"



Headrest, shell	Size 1	Size 2
Item code	6261	6261
Height headrest (from upper edge of seat unit)	14 - 22 cm 5.5 - 8.7"	14 - 22 cm 5.5 - 8.7"
Depth adjustment (forward / backward)	+ 14 cm / - 4 cm + 5.5" / - 1.6"	+ 14 cm / - 4 cm + 5.5" / - 1.6"



A	16 cm / 6.3"
B	15,5 cm / 6.1"
C	13,5 cm / 5.3"

MODELS optional basic configuration



Upholstery set, classic grey	Size 1	Size 2
Item code	6264	6464
Measurements (w x h)	ca. 9 x 22 cm approx. 3.5 x 8.7"	ca. 9 x 30 cm approx. 3.5 x 11.8"



Upholstery set, berry	Size 1	Size 2
Item code	6263	6463
Measurements (w x h)	ca. 9 x 22 cm approx. 3.5 x 8.7"	ca. 9 x 30 cm approx. 3.5 x 11.8"

ACCESSORIES for EASyS Modular



Foot straps	Size 1	Size 2
Item code	6648	6648
Belt length	86 cm / 33.9"	86 cm / 33.9"



Calf strap	Size 1	Size 2
Item code	6635	standard
Size (w x h)	30.5 x 7.5 x 0.5 cm 12 x 3 x 0.2"	-



Abduction block	Size 1	Size 2
Item code	6620	6720
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"



Grip rail	Size 1	Size 2
Item code	6621	6721
Height to seating surface	11.5 / 14 / 16.5 cm 4.5 / 5.5 / 6.5"	17 / 19 / 22 cm 6.7 / 7.5 / 8.7"
Width (inner dimension)	34 cm / 13.4"	38 cm / 15"

ACCESSORIES for EASyS Modular



Grip rail, strong curved Size 1

Item code	6621/41
Height to seating surface	10.5 / 13 / 15.5 cm
	4.1 / 5.1 / 6.1"
Width (inner dimension)	34 cm / 13.4"



Therapy tray, transparent Size 1 Size 2

Item code	6628	6728
Size (w x l)	56 x 33.2 cm	60 x 36.2cm
	22 x 13.1"	23.6 x 14.3"
Height to seat surface	15 - 22 cm	15 - 22 cm
	5.9 - 8.7"	5.9 - 8.7"
Inner edge height	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	45.5 x 17.5 cm
	16.1 x 5.5"	17.9 x 6.9"
Material thickness	8 mm / 0.3"	8 mm / 0.3"
Colour tray plate	transparent / uncoloured	transparent / uncoloured



Lateral trunk support, flexible with chest belt Size 1 Size 2

Item code	6633	6633
Support surface (h x d)	10 x 22 cm	10 x 22 cm
	3.9 x 8.7"	3.9 x 8.7"



Lateral trunk support Size 1 Size 2

Item code	6634	6734
Size (h x d)	13 x 13 cm	17 x 15 cm
	5.1 x 5.1"	6.7 x 5.9"

ACCESSORIES for EASyS Modular



Frame padding	Size 1	Size 2
Item code	6622	6622
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"



2-point pelvic belt with front pull	Size 1	Size 2
Item code	8420	8470
Size of pad (w x l)	15 x 5 cm 5.9 x 2"	17 x 6 cm 6.7 x 2.4"
Belt length	120 cm / 47.2"	120 cm / 47.2"



4-point pelvic belt with front pull	Size 1	Size 2
Item code	8421	8471
Size of pad (w x l)	15 x 5 cm 5.9 x 2"	17 x 6 cm 6.7 x 2.4"
Rear belt length	120 cm / 47.2"	120 cm / 47.2"
Front belt length	50 cm / 19.7"	50 cm / 19.7"



Soft pelvic harness	Size 1	Size 2
Item code	6614	6714
Width rear cover surface	21 cm / 8.3"	26.5 cm / 10.4"
Belt length	45 cm / 17.7"	45 cm / 17.7"

ACCESSORIES for EASyS Modular



Butterfly/chest harness		Size S	Size M	Size L
Item code		6616	6617	6717
A		18.5 cm / 7.3"	25 cm / 9.8"	26.5 cm / 10.4"
B		31 cm / 12.2"	33.5 cm / 13.2"	45 cm / 17.7"
C		15 cm / 5.9"	18.5 cm / 7.3"	23 cm / 9.1"
D		16 cm / 6.3"	17 cm / 6.7"	23.5 cm / 9.3"
E		11.5 cm / 4.5"	10.5 cm / 4.1"	12 cm / 4.7"
F		17.7 cm / 7"	21.5 cm / 8.5"	25 cm / 9.8"



Butterfly/chest harness, flexible, neoprene		Size S	Size M
Item code		6385	6585
A		12 cm / 4.7"	18 cm / 7.1"
B		21 cm / 8.3"	31 cm / 12.2"
C		11.5 cm / 4.5"	13.5 cm / 5.3"
D		9.5 cm / 3.7"	17.5 cm / 6.9"
E		5 cm / 2"	10 cm / 3.9"
F		21 cm / 8.3"	25 cm / 9.8"



Seat waistcoat		Size S	Size M	Size L
Item code		6631	6632	6731
Size of pad (w x d)		29 x 29 cm 11.4 x 11.4"	36 x 37 cm 14.2 x 14.6"	41 x 44 cm 16.1 x 17.3"
Belt length, top		90 cm / 35.4"	90 cm / 35.4"	90 cm / 35.4"



H-belt, padded		Size 1	Size 2
Item code		6629	6629
Size of shoulder pad (w x l)		5 x 15 cm 2 x 5.9"	5 x 15 cm 2 x 5.9"
Length of shoulder harness		90 cm / 35.4"	90 cm / 35.4"
Length of pelvic harness		90 cm / 35.4"	90 cm / 35.4"

ACCESSORIES for EASyS Modular



	Size 1	Size 2
Sun and rain cover with leg blanket		
Item code	6637/6	6637/6
Hood (w x h, inner dimension)	43 x 51 cm 16.9 x 20.1"	43 x 51 cm 16.9 x 20.1"
Hood pocket (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"
Size leg blanket (w x l)	43 x 100 cm 16.9 x 39.4"	43 x 100 cm 16.9 x 39.4"
Hint	suitable up to max. 71 cm / 28" crown height	



	Size 1	Size 2
Sun and rain cover without leg blanket		
Item code	6637/61	6637/61
Hood (w x h, inner dimension)	43 x 51 cm 16.9 x 20.1"	43 x 51 cm 16.9 x 20.1"
Hood pocket (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"
Hint	suitable up to max. 71 cm / 28" crown height	



	Size 1	Size 2
Rain shield (transparent) for sun and rain cover		
Item code	6739	6739
Hood (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 12.9 x 13.4"	33 x 34 cm 12.9 x 13.4"
Size leg blanket (w x l)	60 x 120 cm 23.6 x 47.2"	60 x 120 cm 23.6 x 47.2"

ACCESSORIES for EASyS Modular



Transparent cover with leg blanket	Size 1	Size 2
Item code	6638	6638
Hood (w x h, inner dimension)	43 x 51 cm 16.9 x 20.1"	43 x 51 cm 16.9 x 20.1"
Size leg blanket (w x l)	43 x 100 cm 16.9 x 39.4"	43 x 100 cm 16.9 x 39.4"
Hint	suitable up to max. 71 cm / 28" crown height	



Umbrella	Size 1	Size 2
Item code	6594	6594
Diameter Ø	65 cm / 25.6"	65 cm / 25.6"
Height	75 cm / 29.5"	75 cm / 29.5"



Sleeping bag, padded	Size 1	Size 2
Item code	6619	6719
Bottom part of leg blanket (w x l)	35 x (68 - 80) cm 13.8 x (26.8 - 31.5)"	40 x (90 - 104) cm 15.7 x (35.4 - 40.9)"
Leg blanket (lower leg length)	31 cm / 12.2"	43 cm / 16.9"

Sleeping bag, woven fur	Size 1	Size 2
Item code	6618	6718
Bottom part of leg blanket (w x l)	35 x (68 - 80) cm 13.8 x (26.8 - 31.5)"	40 x (90 - 104) cm 15.7 x (35.4 - 40.9)"
Leg blanket (lower leg length)	31 cm / 12.2"	43 cm / 16.9"

ACCESSORIES for A Chassis



Pneumatic wheels

Item code surcharge	6646
Item code upgrade kit	6647
Wheel size swivel wheels (front)	7.5"
Wheel size (rear)	10"



Tip assist

Item code	6750
Tread (w x l)	4 x 8 cm / 1.6 x 3.1"



Transit tie down system

Item code	67839
Norm	ISO 7176/19 and ANSI/RESNA WC/vol. 1 - Section 19 6/22/99 Draft
Hint	restraint system not included in delivery For further information please call: +49 (0) 47 61 / 8 86-68 or -63

ACCESSORIES for Q Chassis



Push bar	Size 1	Size 2
Item code	6660	6660



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



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