

Technique & Performance



Endurance & Durability



PRODUCT CATALOG



Know-how & Customization



Safety & Quality













With this cataloque it is our goal to ease the understanding of ROLTEC 's productline in order to be able to choose the best solution when building an electric wheelchair.

Nothing is perfect but ROLTEC always strives to find the optimal solution for the end-user.

Our solutions and different chair-constructions are the result of 40 years of experience working closely with clients and therapists.

For more than 40 years ROLTEC has gained experience by gathering input from wheelchair users and therapists and for many years we have been the market leader for rear-wheel drive wheelchairs.



FLemming Enevoldsen
Owner - Prodution Manager



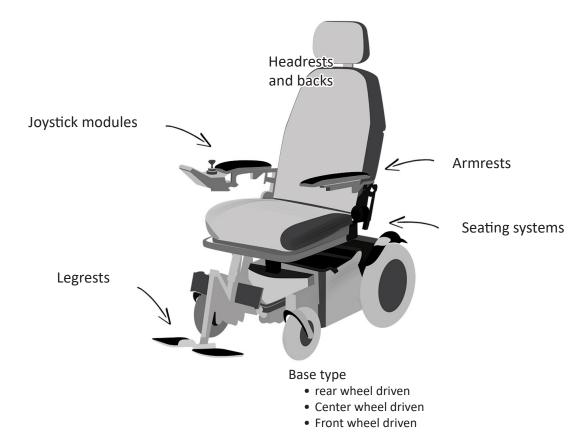
Dennis Holmgaard Owner -Technical Development



Thomas Pedersen Owner - Sales and Marketing



How to build your ROLTEC chair...



ROLTEC's electric wheelchair are build upon a module-system that can be combined to the exact need of the client.

The clients physique and needs - where and how the chair must perform - all issues that must be addressed, discussed and dealt with in order to build the optimal chair.

Give and take when deciding in which direction to go... but never compromize on quality...!

At Roltec we look forward to offer you the very best the market can offer. We will guide you through the decision process to achieve not only a usable chair - but a chair that in performance, usability, and quality will accommodate the clients physique and daily needs.

Our consultants are ready to guide you - to adjust and customize your choises until the optimal chair is decided on and build.





BASES PREPARED FOR LIFT	Moveo FRONT WHEEL DRIVE	CT4 REAR WHEEL DRIVE	HD- HEAVY DUTY REAR WHEEL DRIVE	PYTHON REAR WHEEL DRIVE	VIPER FRONT WHEEL DRIVE	BOA2 * CENTER WHEEL DRIVE
WHEELS + MOTORS + SHIELD INCLUDED (Excl. batteries)	71881	70655	70674*	71090	71083	71492

^{*} The Heavy Duty base is complete with 400W motors - 80 Ah batteries - massive flex tires and electronically reduced to a maximum speed of 9km/h. The lift is reinforced and reduced reg. height and backward tilt.

ADAPTIVE BASE	Moveo FRONT WHEEL DRIVE	CT4 REAR WHEEL DRIVE	HD- HEAVY DUTY REAR WHEEL DRIVE	PYTHON REAR WHEEL DRIVE	VIPER FRONT WHEEL DRIVE	BOA2 CENTER WHEEL DRIVE
ELECTRICALLY OPERATED LIFT & TILT	71882	72075	72076 (reinforced)	72075	72077	72065
Extra 14gr/14cm**	72018					72018
Seat displacement**	72129	72130		72130	72130	72129
Manuel base*	69284	69281	69282	69281	69283	69284

^{*} The manuel base must only be chosen when lift and tilt functions and electrically operated seat functions are not required!

^{**} This will increase the chairs height with 2 cm

Control package	Moveo FRONT WHEEL DRIVE	CT4 REAR WHEEL DRIVE	HD- HEAVY DUTY REAR WHEEL DRIVE	PYTHON REAR WHEEL DRIVE	VIPER FRONT WHEEL DRIVE	BOA2 CENTER WHEEL DRIVE
ISM6	72099	72072	72072	72072	72101	72063
ISM8	72100	72074	72074	72074	72102	72064

Website: www.roltec.com 4 Mail: info@roltec.com

Art. nr.



Ass. parts





Extra charge f. punctureproof

Tyres 250 x 3 90007
Tyres 300 x 8 90010

Black tire



Extra charge black tire CLEAN

piece 90011

Wide Front subframe



Extra charge f. wide Front sub-frame normal is 49 cm. The width is 59 cm.

Art. nr.

CT4/Python/HD 67898

Emergency stop

Emergency stop

Emergency stop 90254

Dahl kit



Dahl kit to viper/ CT4/Python/HD

Art. nr.

Viper 70658

Remote emergency stop

Remote emergency stop

Remote emergency stop 90230

Art. nr.



Note:



R-Seat Seatframe

Seat frame	To Boa2- Moveo	To Viper- CT4-HD- Python
W:400-520mm	71432	71951
W:520-640mm	71952	71952

^{*} If the back should to be mounted on the frame then there is needed a mounting-kit - 71954



R-Seat back Tilt Manually or electrically

Tilt of back	W:400-	W:520-
	520mm	640mm
Tilting (actuator) 45°	71526	71957
Tilting (actuator) 80°	71579*	71956
Manuel tilting of back	71491	71955

* If on Boa2 needed the seat to be folded down to horisontal position. (Ask our consultants)

NB

Trap protection for the BOA and Moveo as a kit - 71580



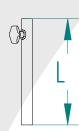




Headrest mounting tube	Art. no
Length 20cm	71958
Length 30cm	71959

20cm is used for standard electric back





Headrest

The standard, junior and high model headrest is suitable for the active and passive wheelchair user and ensures a correct seating position that provides the head support.



Headrest	Art. no
Standard - Height 13 cm/width 26 cm	A80021-13-26
Junior - Height 11 cm/width 22 cm	A80021-11-22
High - Height 16 cm/width 26 cm	A80021-16-26

Flexible headrest

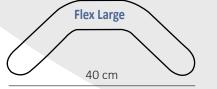
This headrest is suitable for the passive wheelchair user and ensures a correct seating position. The adjustable, flexible wings support the head backwards and sideways.



14 cm

18 cm





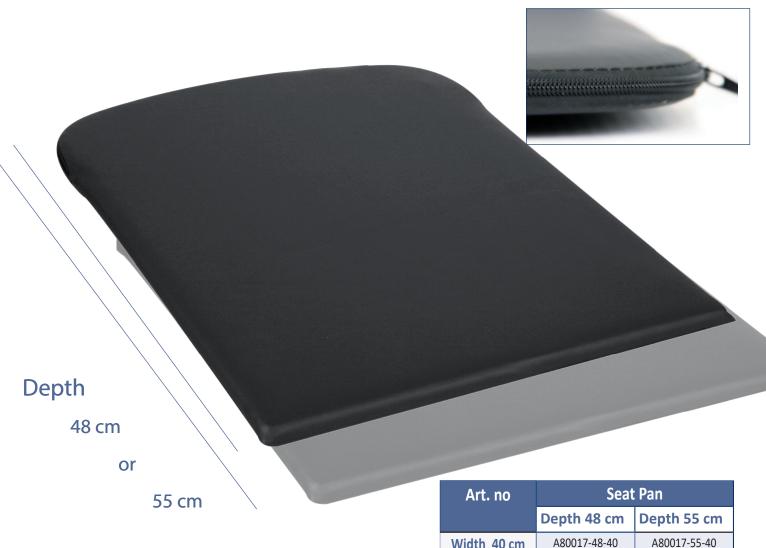


Headrest type "Flex"	Art. no
Flex Small - Height 9 cm/width 25 cm	A80022-09-25
Flex Medium - Height 12 cm/width 35 cm	A80022-12-35
Flex Large - Height 12 cm/width 40 cm	A80022-12-40



Webbed seat pan

This seat pan is suitable as a universal solution, making it possible for various separate seating cushions to be positioned on different fixed-frame wheelchairs. Suitable for wheelchair users with a very high risk of developing pressure ulcers (decubitus ulcers). The mounting holes for the thresholds are pre-drilled, making it easy to mount a front or rear threshold.





Art. no	Seat Pan		
	Depth 48 cm	Depth 55 cm	
Width 40 cm	A80017-48-40	A80017-55-40	
Width 42 cm	A80017-48-42	A80017-55-42	
Width 44 cm	A80017-48-44	A80017-55-44	
Width 46 cm	A80017-48-46	A80017-55-46	
Width 48 cm	A80017-48-48	A80017-55-48	
Width 50 cm	A80017-48-50	A80017-55-50	
Width 52 cm	A80017-48-52	A80017-55-52	
Width 54 cm	A80017-48-54	A80017-55-54	
Width 56 cm	A80017-48-56	A80017-55-56	
Width 58 cm	A80017-48-58	A80017-55-58	
Width 60 cm	A80017-48-60	A80017-55-60	
Width 62 cm	A80017-48-62	A80017-55-62	
Width 64 cm	A80017-48-64	A80017-55-64	



SEATS cushion AND BACKS

ProAir®

For all our backs and seats we have as a standard chosen the new and innovative fabric Pro Air® that ensures good airflow, high comfort and durability.



Guarantee for identical replacement

Every cushion, backrest, neck support etc. is from our factory labeled with a unique code that ensures that we at all times can replace worn out or destroyed parts with identical items.



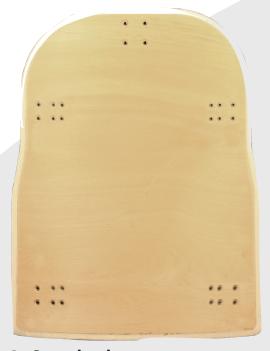
(Height of cushion 9 cm)





Seat	Standard	Cushion	Optimum	Comfort	Comfo	rt Visco
width	Seat dept 48 cm	Seat dept 55 cm	Seat dept 48 cm	Seat dept 55 cm	Seat dept 48 cm	Seat dept 55 cm
40 cm	A80012-48-40	A80012-55-40	A80014-48-40	A80014-55-40	A80015-48-40	A80015-55-40
42 cm	A80012-48-42	A80012-55-42	A80014-48-42	A80014-55-42	A80015-48-42	A80015-55-42
44 cm	A80012-48-44	A80012-55-44	A80014-48-44	A80014-55-44	A80015-48-44	A80015-55-44
46 cm	A80012-48-46	A80012-55-46	A80014-48-46	A80014-55-46	A80015-48-46	A80015-55-46
48 cm	A80012-48-48	A80012-55-48	A80014-48-48	A80014-55-48	A80015-48-48	A80015-55-48
50 cm	A80012-48-50	A80012-55-50	A80014-48-50	A80014-55-50	A80015-48-50	A80015-55-50
52 cm	A80012-48-52	A80012-55-52	A80014-48-52	A80014-55-52	A80015-48-52	A80015-55-52
54cm	A80012-48-54	A80012-55-54	A80014-48-54	A80014-55-54	A80015-48-54	A80015-55-54
56 cm	A80012-48-56	A80012-55-56	A80014-48-56	A80014-55-56	A80015-48-56	A80015-55-56
58 cm	A80012-48-58	A80012-55-58	A80014-48-58	A80014-55-58	A80015-48-58	A80015-55-58
60 cm	A80012-48-60	A80012-55-60	A80014-48-60	A80014-55-60	A80015-48-60	A80015-55-60
62 cm	A80012-48-62	A80012-55-62	A80014-48-62	A80014-55-62	A80015-48-62	A80015-55-62
64 cm	A80012-48-64	A80012-55-64	A80014-48-64	A80014-55-64	A80015-48-64	A80015-55-64

4 Different back bases...



A. Standard Stable base without adjustment.



C. StrappedStable top with multible straps of adjustability for posture correction.



B. WebbedSpring base which adapts itself to the contours of the body.



D. Flexible strapped

Flexible still stable back with multible straps that gives additional possibilities for correct adjustability and positioning.



4 Different back cushions...

"Free"

The Free backrest is suitable for the active wheelchair user and ensures a lot of freedom of movement.

"Active"

The active backrest is suitable for the active wheelchair user and ensures a lot of freedom of movement and a correct seating position by its low shaped lateral support.

"Xtra deep active"

This backrest is like the "Active" developped for the active user who has a need for even more lateral support without loosing the freedom of movement in the shoulder and arm region.

"Passive"

The passive backrest is suitable for the passive wheelchair user and ensures a stable seating position by its high shaped lateral Ssupport.



A Standard

Stable base without adjustment.





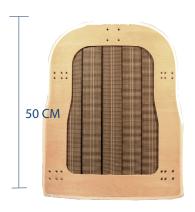
SEAT WIDTH	A - Standard back base height 50 cm					
WIDIN	Free	Active	Deep Active	Passive		
40 cm	A80000-50-40	A80004-50-40	A80029-50-40	A80008-50-40		
42 cm	A80000-50-42	A80004-50-42	A80029-50-42	A80008-50-42		
44 cm	A80000-50-44	A80004-50-44	A80029-50-44	A80008-50-44		
46 cm	A80000-50-46	A80004-50-46	A80029-50-46	A80008-50-46		
48 cm	A80000-50-48	A80004-50-48	A80029-50-48	A80008-50-48		
50 cm	A80000-50-50	A80004-50-50	A80029-50-50	A80008-50-50		
52 cm	A80000-50-52	A80004-50-52	A80029-50-52	A80008-50-52		
54 cm	A80000-50-54	A80004-50-54	A80029-50-54	A80008-50-54		
56 cm	A80000-50-56	A80004-50-56	A80029-50-56	A80008-50-56		
58 cm	A80000-50-58	A80004-50-58	A80029-50-58	A80008-50-58		
60 cm	A80000-50-60	A80004-50-60	A80029-50-60	A80008-50-60		
62 cm	A80000-50-62	A80004-50-62	A80029-50-62	A80008-50-62		
64 cm	A80000-50-64	A80004-50-64	A80029-50-64	A80008-50-64		

SEAT WIDTH	A - Standard back base height 57cm				
WIDIH	Free	Active	Deep Active	Passive	
40 cm	A80000-57-40	A80004-57-40	A80029-57-40	A80008-57-40	
42 cm	A80000-57-42	A80004-57-42	A80029-57-42	A80008-57-42	
44 cm	A80000-57-44	A80004-57-44	A80029-57-44	A80008-57-44	
46 cm	A80000-57-46	A80004-57-46	A80029-57-46	A80008-57-46	
48 cm	A80000-57-48	A80004-57-48	A80029-57-48	A80008-57-48	
50 cm	A80000-57-50	A80004-57-50	A80029-57-50	A80008-57-50	
52 cm	A80000-57-52	A80004-57-52	A80029-57-52	A80008-57-52	
54 cm	A80000-57-54	A80004-57-54	A80029-57-54	A80008-57-54	
56 cm	A80000-57-56	A80004-57-56	A80029-57-56	A80008-57-56	
58 cm	A80000-57-58	A80004-57-58	A80029-57-58	A80008-57-58	
60 cm	A80000-57-60	A80004-57-60	A80029-57-60	A80008-57-60	
62 cm	A80000-57-62	A80004-57-62	A80029-57-62	A80008-57-62	
64 cm	A80000-57-64	A80004-57-64	A80029-57-64	A80008-57-64	



B

Spring base which adapts itself to the contours of the body.



SEAT WIDTH	B - Webbed back base height 50cm			
WIDIII	Free	Active	Deep Active	Passive
40 cm	A80001-50-40	A80005-50-40	A80030-50-40	A80009-50-40
42 cm	A80001-50-42	A80005-50-42	A80030-50-42	A80009-50-42
44 cm	A80001-50-44	A80005-50-44	A80030-50-44	A80009-50-44
46 cm	A80001-50-46	A80005-50-46	A80030-50-46	A80009-50-46
48 cm	A80001-50-48	A80005-50-48	A80030-50-48	A80009-50-48
50 cm	A80001-50-50	A80005-50-50	A80030-50-50	A80009-50-50
52 cm	A80001-50-52	A80005-50-52	A80030-50-52	A80009-50-52
54 cm	A80001-50-54	A80005-50-54	A80030-50-54	A80009-50-54
56 cm	A80001-50-56	A80005-50-56	A80030-50-56	A80009-50-56
58 cm	A80001-50-58	A80005-50-58	A80030-50-58	A80009-50-58
60 cm	A80001-50-60	A80005-50-60	A80030-50-60	A80009-50-60
62 cm	A80001-50-62	A80005-50-62	A80030-50-62	A80009-50-62
64 cm	A80001-50-64	A80005-50-64	A80030-50-64	A80009-50-64



SEAT WIDTH	B - Webbed back base height 50cm			
VVIDIII	Free	Active	Deep Active	Passive
40 cm	A80001-57-40	A80005-57-40	A80030-57-40	A80009-57-40
42 cm	A80001-57-42	A80005-57-42	A80030-57-42	A80009-57-42
44 cm	A80001-57-44	A80005-57-44	A80030-57-44	A80009-57-44
46 cm	A80001-57-46	A80005-57-46	A80030-57-46	A80009-57-46
48 cm	A80001-57-48	A80005-57-48	A80030-57-48	A80009-57-48
50 cm	A80001-57-50	A80005-57-50	A80030-57-50	A80009-57-50
52 cm	A80001-57-52	A80005-57-52	A80030-57-52	A80009-57-52
54 cm	A80001-57-54	A80005-57-54	A80030-57-54	A80009-57-54
56 cm	A80001-57-56	A80005-57-56	A80030-57-56	A80009-57-56
58 cm	A80001-57-58	A80005-57-58	A80030-57-58	A80009-57-58
60 cm	A80001-57-60	A80005-57-60	A80030-57-60	A80009-57-60
62 cm	A80001-57-62	A80005-57-62	A80030-57-62	A80009-57-62
64 cm	A80001-57-64	A80005-57-64	A80030-57-64	A80009-57-64



Strapped

Stable top with multible straps of adjustability for posture correction.





SEAT WIDTH	C - Strapped back base height 50 cm			
WIDIII	Free	Active	Deep Active	Passive
40 cm	A80002-50-40	A80006-50-40	A80031-50-40	A80010-50-40
42 cm	A80002-50-42	A80006-50-42	A80031-50-42	A80010-50-42
46 cm	A80002-50-44	A80006-50-44	A80031-50-44	A80010-50-44
44 cm	A80002-50-46	A80006-50-46	A80031-50-46	A80010-50-46
48 cm	A80002-50-48	A80006-50-48	A80031-50-48	A80010-50-48
50 cm	A80002-50-50	A80006-50-50	A80031-50-50	A80010-50-50
52 cm	A80002-50-52	A80006-50-52	A80031-50-52	A80010-50-52
54 cm	A80002-50-54	A80006-50-54	A80031-50-54	A80010-50-54
56 cm	A80002-50-56	A80006-50-56	A80031-50-56	A80010-50-56
58 cm	A80002-50-58	A80006-50-58	A80031-50-58	A80010-50-58
60 cm	A80002-50-60	A80006-50-60	A80031-50-60	A80010-50-60
62 cm	A80002-50-62	A80006-50-62	A80031-50-62	A80010-50-62
64 cm	A80002-50-64	A80006-50-64	A80031-50-64	A80010-50-64

SEAT	C - Strapped back base height 57 cm			
WIDTH	Free	Active	Deep Active	Passive
40 cm	A80002-57-40	A80006-57-40	A80031-57-40	A80010-57-40
42 cm	A80002-57-42	A80006-57-42	A80031-57-42	A80010-57-42
44 cm	A80002-57-44	A80006-57-44	A80031-57-44	A80010-57-44
46 cm	A80002-57-46	A80006-57-46	A80031-57-46	A80010-57-46
48 cm	A80002-57-48	A80006-57-48	A80031-57-48	A80010-57-48
50 cm	A80002-57-50	A80006-57-50	A80031-57-50	A80010-57-50
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54 cm	A80002-57-54	A80006-57-54	A80031-57-54	A80010-57-54
56 cm	A80002-57-56	A80006-57-56	A80031-57-56	A80010-57-56
58 cm	A80002-57-58	A80006-57-58	A80031-57-58	A80010-57-58
60 cm	A80002-57-60	A80006-57-60	A80031-57-60	A80010-57-60
62 cm	A80002-57-62	A80006-57-62	A80031-57-62	A80010-57-62
64 cm	A80002-57-64	A80006-57-64	A80031-57-64	A80010-57-64



Flexible strapped

Flexible still stable back with multible straps that gives additional possibilities for correct adjustability and positioning.





SEAT WIDTH	D - Flexible Strapped back base height 50 cm			
WIDIN	Free	Active	Deep Active	Passive
40 cm	A80003-50-40	A80007-50-40	A80032-50-40	A80011-50-40
42 cm	A80003-50-42	A80007-50-42	A80032-50-42	A80011-50-42
44 cm	A80003-50-44	A80007-50-44	A80032-50-44	A80011-50-44
46 cm	A80003-50-46	A80007-50-46	A80032-50-46	A80011-50-46
48 cm	A80003-50-48	A80007-50-48	A80032-50-48	A80011-50-48
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54 cm	A80003-50-54	A80007-50-54	A80032-50-54	A80011-50-54
56 cm	A80003-50-56	A80007-50-56	A80032-50-56	A80011-50-56
58 cm	A80003-50-58	A80007-50-58	A80032-50-58	A80011-50-58
60 cm	A80003-50-60	A80007-50-60	A80032-50-60	A80011-50-60
62 cm	A80003-50-62	A80007-50-62	A80032-50-62	A80011-50-62
64 cm	A80003-50-64	A80007-50-64	A80032-50-64	A80011-50-64

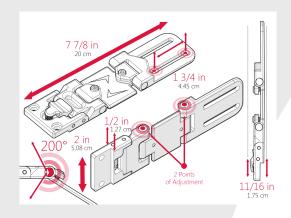
SEAT WIDTH	D - Flexible Strapped back base height 57 cm			
WIDIN	Free	Active	Deep Active	Passive
40 cm	A80003-57-40	A80007-57-40	A80032-57-40	A80011-57-40
42 cm	A80003-57-42	A80007-57-42	A80032-57-42	A80011-57-42
44 cm	A80003-57-44	A80007-57-44	A80032-57-44	A80011-57-44
46 cm	A80003-57-46	A80007-57-46	A80032-57-46	A80011-57-46
48 cm	A80003-57-48	A80007-57-48	A80032-57-48	A80011-57-48
50 cm	A80003-57-50	A80007-57-50	A80032-57-50	A80011-57-50
52 cm	A80003-57-52	A80007-57-52	A80032-57-52	A80011-57-52
54 cm	A80003-57-54	A80007-57-54	A80032-57-54	A80011-57-54
56 cm	A80003-57-56	A80007-57-56	A80032-57-56	A80011-57-56
58 cm	A80003-57-58	A80007-57-58	A80032-57-58	A80011-57-58
60 cm	A80003-57-60	A80007-57-60	A80032-57-60	A80011-57-60
62 cm	A80003-57-62	A80007-57-62	A80032-57-62	A80011-57-62
64 cm	A80003-57-64	A80007-57-64	A80032-57-64	A80011-57-64



Side support



You can configure your side support.















Ass. parts









Armrest base

The armrest consists of two separate art. no. (metalpart/base + cushion) which must be chosen:

Armrest base Fixed

The fixed armrest is adjustable vertically and horisontally



	Armrest base Fixed
Right	69278
Left	69279

Armrest base Collapsable

The complete collapsable armrest consists of the metal

1: The hard part – comlete adjustable metalbase.

The fixed armrest is adjustable vertically and horisontally



	Armrest base Collapsable	
Right	69276	
Left	69277	

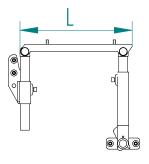


Armrest base, Foldable

The metal part – comlete adjustable metalbase.



	Choose length			
	25 cm	30 cm	35 cm	40 cm
Right	66101	66102	66103	66104
Left	66105	66106	66107	66108

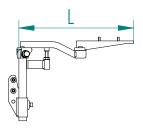


Armrest base, Upfoldable Obliquely

The metal part – comlete adjustable metalbase.



	Choose length		
	30 cm	35 cm	40 cm
Right	68930	68970	68971
Left	68972	68931	68973





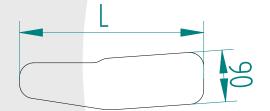
Armrest cushion with leather upholstery

The cushion can be positioned on base in different locations.

If reinforcement is needed a strong metalplate can be mounted under the wooden base.

For further finish and protection the armrest is available with complimentary aluminium edges.

Armrest	Choose length		
cushion, leather	32 cm	42 cm	
Right	66604	66603	
Left	66606	66605	





Armrest ass.

Reinforcement metal sheet for armrest



Shaped black metal sheet mounts under wooden base of armrest cushion

	ALL III.
Longth 22 cm	70012
Length 32 cm.	70912
Length 42 cm.	70913

Alu. protection for armrest



Aluminium rim for armrest - 32 cm for finish and protection

Art. nr.

Length 32 cm. 66608

Alu. protection for armrest



Aluminium rim for armrest - 42 cm for finish and protection

Art. nr.

Length 42 cm. 66610

Upper arm support



Art. nr.

Right 72127

Left 72128

Upper arm support



Upper arm pillow for bracket

Art. nr.

Pillow A80037-7-8



Multi adjustable Thigh/hip support



The removable Thigh/hip support can be placed at the knee or at the hip. The adjustment possibilities in the bracket, ensures variable positioning of the pad.

	Art. no
Thigh/hip support base	71498

Cushion for Thigh/hip support

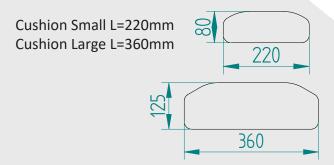


	Art. no
Support cushion - right or left - Standard	A80028-22
Support cushion - right or left - leather - Large	A80028-36

The standard Thigh/hip cushion is suitable for both the active and passive wheelchair user and ensures a correct seating position.

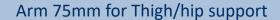
By lining up the back of the side cushions with the pelvis and the front of the cushions with the knees, their wedge-shaped, flat design and comfortable foam offer the wheelchair user stability and correct posture.

The pillow is available in 2 sizes.





Support/hold ass.





Bracket for Thigh/hip support - Arm 75mm

Art. nr.

One piece 69293

Arm 50mm for Thigh/hip support



Bracket for Thigh/hip support - Arm 50mm

Art. nr.

One piece 69294

Fixation Plug for Thigh/hip support



Fixation Plug for Thigh/hip support

Art. nr.

One piece 71028

90° angle for Thigh/hip support



One piece

90° angle for Thigh/hip support

69296

Art. nr.

N.B

The screws must be ordered next to, with Art nr. 60833.

Legrest elevation - Seperate

This legrest can be operated individually electrically or manually



Electric elevation w. calf support	Art. no	
Right	68701	
Left	68702	
Complete set – right & left	67631	

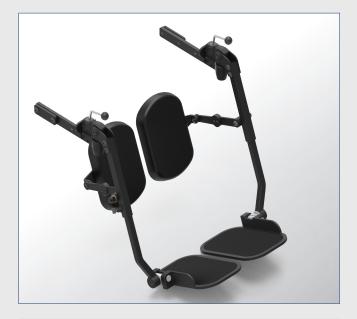
Side mounted powered legrests left and right. The legrest is "cordless" and connects automatically when mounted.

The legrest can be swung out to the side or completely removed.

No visible plugs or connecting wires - everything is hidden internally.

The leg supports can be mechanically adjusted up / down and backwards and forwards. The strong aluminum footrests are adjustable in angle - and back and forth.

The base plate is made of a strong aluminum plate with non-slip pattern on the top.



Manual elevation w. calf support	Art. no
Right	70996
Left	70997
Complete set – right & left	71038

Side mounted legrest is manually adjustable. Right and left.

The leg supports can swing out to the side or be completely removed as required.

The footrests fold up the sides, allowing additional space in front of the chair during transfers. The leg supports can be mechanically adjusted up / down and backwards and forwards. The position controling the leg angle is adjustable. The strong aluminum footrests are also adjustable in angle.



Leg elevation - Centerlift

This leg support can only be operated parallel – electrically or manually



Center elevation - electrically controlled	Art. no
Model B20 W: 400-520mm	71383
Model B20 W: 520-640mm	71618

Central mounted powered center legrest with length compensation.

This highly adjustable solution provides optimal space in front of the wheelchair as the footplates are collapsable.

The legrest can be adjusted in length and angle.

The leg support is equipped with two motors - one which elevates the leg rest and one that takes care of the displacement providing the desired and needed lenght compensation.

The two motors can be operated separately, or simultaneusly achieving desired positions for driving, resting etc.

The leg supports can be elevated from zero to almost 90 degrees allowing the user to obtain a close to horizontal position.



Center elevation - manually controlled	Art. no
Model B00 W: 400-520mm	71394
Model B00 W: 520-640mm	71619

Manually adjustable central mounted legrest.

This manual legrest from ROLTEC can be adjusted forward, backwards and up and down.

The footplate foldes up against the chair.

The central mono legrest allows the user to be positioned in his chair with the knees bend as wished.





You can configure your Central legrest electric. The legrest must be composed of 4 parts, choice C can be avoided if there is no need for it.

Select below:

Choice A:base Width





Choice B: Bracket for mounting



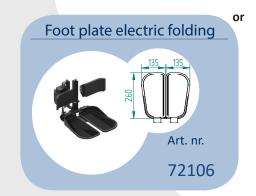


or

Choice C: Calfsupport

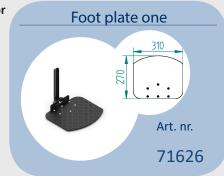


Choice D: footrest



Choice D: footrest









Choice A:base Width



You can configure your Central legrest manuel. The legrest must be composed of 4 parts, choice C can be avoided if there is no need for it.

Select below:



Central legrest Base

Central legrest manuel BASE (B00) W520-640mm

Art. nr.

71632

Choice B: Bracket for mounting





or

Choice C: Calfsupport



Choice D: footrest









Leg elevation ass.

Foot plate leather cushioned



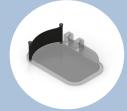
Foot plate - foam and leather for higher comfort - avoids pressure wounds (1 pc. for "seperate" footrest)

Art. nr.

69324

supersoft 7 cm

Soft heelcounter



Soft leather heel caps 48 mm - attaches with straps (complete set - incl. 2 pc. for "seperate" footrest)

Art. nr.

Set for "seperate" foot rest 90122

Foot plate leather cushioned



Foot plate - foam and leather for higher comfort - avoids pressure wounds (1 pc. for "seperate" footrest)

Art. nr.

soft 2 cm 69323

Amputation leg support



Amputation leg support

Left 71971 Right 71970

Spacer



Spacer bushing for leg support 2-piece

Art. nr.

One piece 66483

30





R-net is a multi-module control system for the control of rehab-type power-chairs.

While being simple and easy to install and use, the system is highly flexible and expandable with connection of up to fifteen modules being possible.

A key feature is the ability to provide a simple, two module solution at a competitive price, but maintaining the ability to address even the most complex rehab requirements. There are no restrictions on compatibility between Joystick Modules, Power Modules and Intelligent Seating/Lighting Modules. In short, modules can be mixed-and-matched to provide the optimum of performance and cost.





The LED Joystick Modules offer an entry-level product that is both stylish and ergonomic.

- Ergonomic and stylish design
- Easy to operate pushbuttons
- High visibility LEDs
- With lighting control
- Charging socket

The LED Joystick Modules offer an entry-level product that is both stylish and ergonomic. The positions of the LEDs and the buttons, as well as the operating forces of the buttons, have been chosen to make the Joystick Module as user-friendly as possible. Furthermore, high-intensity LEDs have been used to ensure they are visible in even the very brightest light.

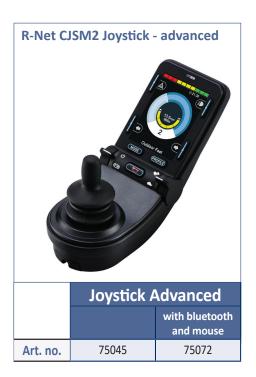
The joystick module can control drive and seating, as well as any other system mode as long as there is a suitable display. Of course, both versions also contain a convenient, industry-standard charging port.

R-Net CJSM Joystick with display & light Joystick display/light Art. no. 75000

Color LCD Joystick Modules provide a modern and highly aesthetic user display, which enhances the appearance of the whole powerchair.

- · Ergonomic and stylish design
- Easy-to-operate pushbuttons
- Hi-resolution graphics color LCD
- Large and clear screen icons
- · Two jack sockets as standard
- On-Board Programming (OBP) option
- With lighting control
- Charging socket

The size of the graphics on the screen has also been optimized to make them as large as possible to reflect the operating condition of the wheelchair. The positions of the display and the buttons, as well as the operating forces for the buttons, are chosen to make the Joystick Module as user-friendly as possible.



The World's Most Advanced Joystick Module

The next-generation R-net Joystick Modules set new standards in user-interfaces – not least from the inclusion of a large, high-resolution and modern LCD screen. Crisp graphics are made as large as possible to reflect the operating condition of the wheelchair. Large, high-resolution 3.5" VGA color display.

- Infra-Red (IR) Control as standard
- Integrated Bluetooth control as an option
- Stylish and ergonomic design
- Built-in light sensor to automatically adjust screen brightness
- Paddle switches for easy access to user controls
- Enhanced programming and customization options
- Speaker for enhanced horn volume
- Metal case for improved robustness
- Connect-and-Go

Additionally, easy-to-operate paddles switches are included as standard for on/off, profile, mode and speed adjustment selection, meaning that existing joystick module variants which include toggle switches and potentiometers are no longer required. There is also a significant amount of new programmability related to the user controls; for example the speed adjustment paddle can be programmed to momentary or continuous operation.









Attendant Module

The R-net Attendant Module can be connected to any point in the system communications bus and can then provide control of drive, seating and any other function that is present.

- Simple transfer to/from user control
- Attendant speed control and display
- Attendant control of seating functions
- Attendant control of all other modes

The R-net Attendant Module can be connected to any point in the system communications bus and to provide control of drive, seating and any other function that is present. Transfer of control between user and attendant is via a simple pushbutton, with additional keys for setting the attendant's drive speed and accessing other system modes.

Traditional attendant systems are set so that the user can never gain control from the attendant. However, for maximum flexibility, the R-net can be programmed to allow this exception to happen should it be required.

Gyro Module

Gyro technology adds an extra dimension to controlling a wheelchair, by maintaining the desired drive direction irrespective of the external forces acting on the wheelchair. Gyro technology adds an extra dimension to controlling a wheelchair, by maintaining the desired drive direction irrespective of the external forces acting on the wheelchair.

- Gyro technology for superior drive control
- Supports faster drive speeds on front-wheel-drive wheelchairs
- Eliminates spin-out
- Eliminates fish-tailing
- Perfect control on cambers
- Straight line driving over obstacles
- Dual gyros for enhanced safety
- Multiple mounting orientations
- Operates with standard Power Module

Straight Line Control

If the wheelchair is driving across an non-level surface, for example a camber, then to achieve straight line driving the user has to make frequent steering corrections. This is inconvenient when using a joystick, but becomes difficult when using a switch-type controlling device, such as a switch pad or head array. A further challenge in maintaining straight line driving is presented by obstacles, such as kerbs or door thresholds, particularly if they are of uneven height. The Gyro Module vastly improves control in all of these situations.

R-Net relay box for actuator output 2 relays.

R-Net relay box that makes one actuator output switches to 2 relays outputs





The R-net Omni provides a universal Specialty Input Device interface with a large, easy-to-read, color LCD screen.

- General R-net interface for specialty controls
- Large, hi-resolution color display
- Dual channel inputs
- User selectable display indoors/outdoors
- Customizable user menu
- Large, easy-to-read icons
- Programmable user text
- On-board configuration/programming
- Compatible with all R-net Input Devices
- Can control all powerchair functions
- Infra-Red (IR) control as standard

The next-generation Omni2 sets new standards in universal specialty control – not least from the inclusion of a high-resolution, 3.5" full VGA screen. Reflecting a family-look with the recently introduced CJSM2, the clear and crisp graphics are made as large as possible to indicate the operating status of the powerchair. The new, aesthetically-pleasing, two-section design, features an ultra-slimline display. This includes an in-built light sensor that automatically adjusts screen brightness for improved visibility in sunlight or reduced glare in environments such as the cinema. All of the Specialty Input Device (SID)



Two connection	All round Joystick	
options	R-NET bus	Omni
Art. no.	75062	75051

The All-round Joystick is a compact version of the standard electronic wheelchair joystick module. As the name suggests, this joystick has been developed for all-round use and is suitable for the major part of wheelchair users. This fully proportional joystick has a compact housing and 2 jack inputs for switches

- Fully proportional joystick with standard amplitude and power requirement (250 gr)
- Also available in a light version : see "All-round Joystick Light"
- Built in a compact and discreet housing with possibility of 1 or 2 "satellite switches" to connect directly via integrated insert parts
- Switches for on/off function or mode button, so directly connectable
- All-round use: can be used as a chin joystick, standard joystick, attendant joystick
- Built-in interface with sophisticated electronics: joystick adaptable to individual capabilities and needs
- Free downloadable software to configure joystick via PC (equipped with a mini USB port)
- Delivered with Quick-to-mount (Q2M) Rods and Clamps
- Omni, R-net, Easy Rider, e-fix Alber, Otto Bock Curtis and DX compatible (for Easy Rider, Efix, Otto Bock Curtis or DX, a supplementary interface is required)



Satellite Twister (short cable)

- Required activation force: 30 gr
- Easy to mount in different positions by using the Quick-to-mount (Q2M) system
- Available in two different cable lengths: 300 mm or 1500 mm
- 3.5 mm mono jack plug





This Micro Joystick is a small proportional joystick, especially designed for people with poor or weak muscular power and/or restricted movement.

- Very small proportional joystick which can be controlled with minimal force (+- 8.5 gr)
- Joystick can be controlled by finger, lip, tongue, ...
- Ergonomic design for easy use
- Supplied with two ends: a small ball and a tub
- Due to the high sensitivity mainly to be used by people with neuromuscular diseases
- Separate interface with sophisticated electronics: joystick adaptable to individual capabilities and needs
- Free downloadable software to configure joystick via PC (equipped with a mini USB port)
- Delivered with Quick-to-mount (Q2M) Rods and Clamps
- Omni, R-net, Easy Rider, e-fix Alber, Otto Bock Curtis and DX compatible (for Easy Rider, Efix, Otto Bock Curtis or DX, a supplementary interface is required)



The Multi Joystick is designed to be used as chin joystick, but thanks to its flexibility, it can easily be controlled by other parts of the body. As the name says, this joystick is multifunctional and can be controlled by chin, finger, lip etc..

In our product range, the Multi Joystick is situated between the Micro Joystick and the standard All-round Joystick.

- Pure proportional joystick with reduced amplitude and force requirement (50 gr)
- Built in a compact and discreet housing with two 3.5 mm jack inputs for switch input
- 1 or 2 switches (like e.g. Twister) can be immediately plugged as on/off or mode switch
- Recommended for people with tetraplegia or neuromuscular diseases (ALS, MS..)
- Light version of the standard joystick and therefore ideal for use as a chin-, lip- or finger joystick
- Separate interface with sophisticated electronics: joystick adaptable to individual capabilities and needs
- Free downloadable software to configure joystick via PC (equipped with a mini USB port)
- Delivered with Quick-to-mount (Q2M) Rods and Clamps
- Omni, R-net, Easy Rider, e-fix Alber, Otto Bock Curtis and DX compatible (for Easy Rider, Efix, Otto Bock Curtis or DX, a supplementary interface is required)



The All-round Heavy Duty Joystick is a durable version of the standard All-round Joystick with enlarged throw and force.

As the name suggests, this joystick has been developed for persons with excessive force development like spasticity, dystonia or users with extreme hypertonicity.

This fully proportional joystick has a compact and solid housing with 2 jack inputs for switches.

- Fully proportional joystick with increased amplitude and high power requirement (650gr - 22.93 oz)
- All-round Heavy Duty use: can be used as joystick to be operate with the hand, the foot....
- Switches for on/off function or mode button, so directly connectable
- Fully adjustable to individual possibilities and needs
- Easily configurable with the free mo-Vis Configuration software
- Omni, R-net, Easy Rider, e-fix Alber, Otto Bock Curtis and DX compatible (for Easy Rider, Efix, Otto Bock Curtis or DX, a supplementary interface is required)





(R-net) Dual Port isolated USB Charger, 3 Amp

The Dual Port isolated USB Charger can be used to charge any USB-powered device with a power consumption of up to 3 A. The unit is powered by the wheelchair (24 V) and will transform the 24 V input voltage to an USB output voltage.

N.E

The charger only functions when the chair is turned on.



This Power Supply adj. 7-20V, 3 Amp is intended to be fitted on any powered wheelchair with 24V connection and can be used to power any device with a DC voltage from 7 to 20 V and a power consumption of up to 3 A.

The unit is powered by the wheelchair (24V) and will transform the 24V input voltage to an adjustable (7-20V) output voltage.

The Adjustable Fused Power Supply is double fused: the power and ground wire of the output are fused. This is to prevent from accidents in case of a damaged load or cables.



The Multi Switch unit enables the use of a single input device to control up to four outputs. This offers more operating options to the user with just one single input.

One 3.5 mm stereo input jack to connect a mechanical switch Two 3.5 mm stereo jacks to connect up to four separate outputs Usb powered (usb charger, power bank, laptop, tablet,...)
Fully adjustable to individual possibilities and needs
Easily configurable with the free mo-Vis Configuration software
Different select modes: Click, Start & Scan, Hold and Scan
Different output modes: momentary/timed or switched
2 operation modes: locked/unlocked in any output
Maximum 4 active outputs
Auditory and visual feedback
Different time settings: debounce, select, close and quit time





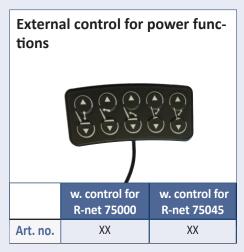
External control for power functions

The keypad allows to control the actuator's axes (lifts) 1 to 5 on an R-net system. The keypad is available in two versions: with buttons or with paddles. There are two different versions of keypads available for CJSM1 or CJSM2 joysticks. Simple connection: via a 3.5 mm stereo jack into the mode socket of the joystick. Some R-net parameters need to be set correctly before the keypad is operational. For these settings we refer to the Curtiss-Wright manual.



External control for power functions

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External control for power functions (Model 2008)

This unit allows the driver to operate all the chairs functions directly on the separate control panel allowing the chairs joystick to stay in driving mode.

If the chair is equipped with R-nets most sophisticated joystick-solution (75045) the functions unit can be operated simultaneously with driving the chair. Can be mounted on either side of the chair. (Typically on the armrest)



Ass. parts

R-net Connector



R-net Connector Block

Art. nr.

R-net Connector Block 75019

Mounting bracket



Bracket for R-Net Bus splitter to CT4/ Python/HD /VIPER

Art. nr.

Bracket-CT4/ Python/HD VIPER

71279

R-net Cables



R-net Cables

	Art. nr.
0.3 meter	75003
0.5 meter	75004
1.0 meter	75005
1.2 meter	75006
1.5 meter	75007
2.0 meter	75008
2.5 meter	75009
3.5 meter	75010

Mounting bracket



Holder for Omni2 without mounting arm

Art. nr.

Bracket 72027

RAM mounts



RAM mounts

Art. nr.
90229
90227
90228



Mounts

Swing mount



Bracket
Swing mount for
Joystick Module

	Art. nr.
Right	71682
Nigrit	71002
Left	71683

Fixed mount



Bracket fixed mount for Joystick Module

	Art. nr.
D'. Lu	70204 B
Right	70291-R
Left	70291-L

Mounting bracket



Bracket mounting for External control for power functions on a fixed bracket

	ALC: III.
Mount f. controlbox Movis	72087
Mount f. controlbox 2008	71429
Mounting tube f. swing	71963

Mounting bracket



Bracket mounting joystick for dual attendant Joystick Module

	Art. nr.
Right	71891-R
Left	71891-L

Mounting bracket



1-hand operated attendant module without control box Roltec / R-net

	Art. nr.
Attendant module	71076

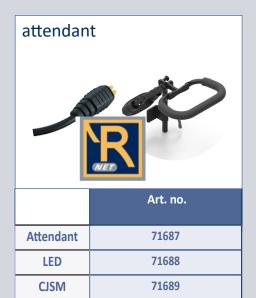




	Art. no.		
Attendant	71507		
LED	71508		
CJSM	71509		
CJEM2	71510		

attendant control packages

Fittings, control box and cable.



CJEM2

71690

attendant packages

1-Hand operated attended modul, with controlbox and cable.



Scoot Control R-net packages with fittings

Fully proportional handle bar with 2 rubber handles and 2 configurable thumb throttles.

Built in compact housing, with a 3.5 mm stero jack to connect an external actuator keypad (Curtiss-Wright CJSM2 compatible). (E.g. mo-Vis' Actuator Keypad)

Full access to wheelchair functions such as Lights, Horn and Speed settings.

Battery and speed display via LEDs.

On-board configuration possible.

Compatible with multiple types of wheelchair equipped with R-net electronics.





Ass. parts

Twister Basic



The Twister basic can be mounted on a plate of metal/plastic with 2 screws or can be integrated in a tray or other flat surface.

Art. nr.

150cm cabel

75056

Twister button



The Twister basic is mounted in a plastic holder for mounting.

Art. nr.

plastic holder

75057

Piko Button



30mm in diameter 75g pressure

Art. nr.

Black 20cm cabel Black 150cm cabel 90244

90245

Twister on bend-



The Twister is attached to a mo-Vis Quick-to-mount bended tube of 10 cm (3,94 in) and 6 mm (0,236 in) diameter. Twister on bended tube can be mounted using the Quick-to-mount clamps to attach to other rods or wheelchair.

Art. nr.

150cm cabel 30cm cabel 75054 75055

Piko button - water resistant



Waterproof

30 mm or 50 mm in diameter 125 g pressure

Art. nr.

Black 150cm cabel 90246

Satellite Twister



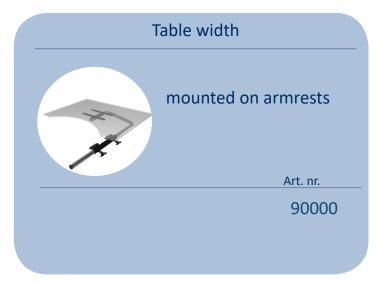
The Twister is equipped with an insert to mount on the All-round Joystick.

Art. nr.

75053



Table











Ass. parts

Lights and indicators

Lights - front and rear



Led lights - front and rear (led)

71071
, 10, 1
70950
69280
71883

Separate Indicator Lights



Separate Indicator Lights (led)

	Art. nr.
CT4/ Python/HD	71475
VIPER	71475
BOA/BOA2	69320
MOVEO	71940

Chargers

Chargers



EC-Buddy 10A - lader/XLR

Art. nr.

CT4/HD/VIPER/BOA 71066

Joystick Knob Options



Joystick knob options available to fit the PGDT

	Art. nr.
Grab (standard)	75031
Ball B38	75040
Chin C38	75038
Mushroom M48	75037
Soft Ball SB70	75036
Stick S30	75041
Stick S80	75039
T-Bar T80	75042



Gel Batteries From Exide/Sonnenschein for CT4/HD/VIPER/BOA

Battery



Battery 38 Ah*/33 Ah (single)

Art. nr.

69236

CT4/HD/VIPER/BOA

(You must order a set of 2)

Battery



Battery 56 Ah*/51 Ah (single)

Art. nr.

CT4/HD/VIPER/BOA

(You must order a set of 2)

60735

Battery



Battery 70 Ah*/63 Ah (single)
On Boa2 and Moveo also requires "bat kit"

Art. nr.

CT4/HD/VIPER/BOA

63248

(You must order a set of 2)

Battery



Battery 80 Ah*/72 Ah (single)

Art. nr.

CT4/HD/VIPER

60337

(You must order a set of 2)

C20 = Discharging the battery for 20 hours at a constant currant until to its terminal voltage (usually about 1.75 volts)

Battery capacity varies. Manufacturers will normally specify several discharge rates (in amperes) along with the associated discharge time (in hours). When the battery is discharged at a constant rate of current over a number of hours, this is referred to as the "C" rating. Many batteries are rated at the C20 rate, which means that they will deliver their amp hour capacity if discharged over 20 hours.

Battery pack	Moveo FRONT WHEEL DRIVE	CT4 REAR WHEEL DRIVE	HD- HEAVY DUTY REAR WHEEL DRIVE	PYTHON REAR WHEEL DRIVE	VIPER FRONT WHEEL DRIVE	BOA2 CENTER WHEEL DRIVE
Battery 38 Ah/33 Ah	72103	72071		72071	72105	72062
Battery 56 Ah/51 Ah	72092	72069		72069	72067	72066
Battery 70 Ah/63 Ah	72104**					69297**
Battery 80 Ah/72 Ah		72070		72070	72068	

^{**}BOA and Moveo if needed choose 70 Ah batteries, this will increase the chairs height with 2 cm.

^{*}Ah of the battery tested according to the C20 standard.







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