

High-performance
components for
active use.
Your move™

omobtc

September 2014

**Your
move**

Your wheelchair is not just about high-quality components. Not just about carefully engineered metal and rubber. Built tough for high-performance in all terrain. For hiking. For rugby. Forever. Well, at least not if you ask us. You see. We understand that your wheelchair is really all about you. Your lifestyle. Your choices. Your story. Your freedom. Unleashed. To play an active part. To make the perfect **move.**



Part of your movement

At MBL, we empower people and partners to move forward. With the aspiration to constantly push for progress in rehab. The dedication to move people for life. And the commitment to keep growing stronger together with our partners.

We're 1,650 experienced and skillful people operating in Denmark, Poland, and China — driven by a mutual can-do attitude, a keen respect for people, and the ambition to be a defining part of your movement.



HANDRIMS

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HANDRIMS

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The Touch

INSIGHT: Handrim surface treatments

There are many options for handrim surface treatments and each type has its own pros and cons.

Not all treatments apply to all materials.

The below table can help the user select the right handrim treatment. We have rated them from X to XXXXX (X is low performing, XXXXX the top).

It is important to note that the process a handrim has been through might be different from producer to producer, and in some cases the difference can be felt by a critical or sensitive user.

With that in mind, below is a comparison made between the Omobic surface treatments.

Surface treatment	Price	Scratch resistance	Grip Dry/Wet	Comments
Hard black anodized sand blasted aluminium	€€	XXXX	XX / XX	Sandblasted then anodized
Shiny silver anodized aluminium	€€	XX	XX / XX	Not as shiny as polished steel, but more shiny than normal silver anodized.
Silver or black anodized aluminium	€	XXX	XX / XX	Good balance between price, weight and function
Titanium – brushed	€€€€	XXXX	XXXX / XXXX	Can cause skin reaction, such as black hands, for some users.
Steel – polished	€	XXXXX	XXXX / XX	Very durable – suitable also for contact sports.
Steel – brushed	€	XXXXX	XXX / XX	Very durable – suitable also for contact sports.
Powder coating	€	X	XXX / XXX	Can be applied on various materials in any color.
Coated – Lizard grip	€€€	XX	XXXXX+ / XXX	Can be applied on various materials. The coating has a noticeable weight. Can cause burning when braking. The sticky surface attracts dust and so hands can get dirty.
Coated – Standard grip	€€€	XX	XXXXX / XXX	Can be applied on various materials. The coating has a noticeable weight. Can cause burning when braking. The sticky surface attracts dust and so hands can get dirty.

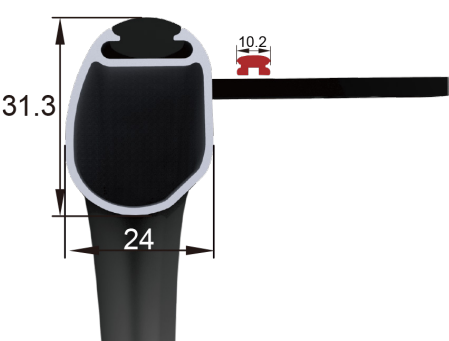
omobic nova



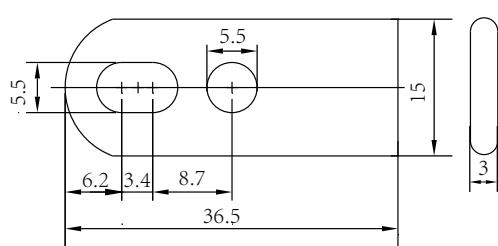
NOVA handrims with anti-slip insert

The NOVA handrim is a good choice for users with full or slightly reduced hand strenght. The anti-slip insert made of environmentally friendly food grade silicone provides an excellent grip which makes the wheelchair more maneurable and easier to drive.

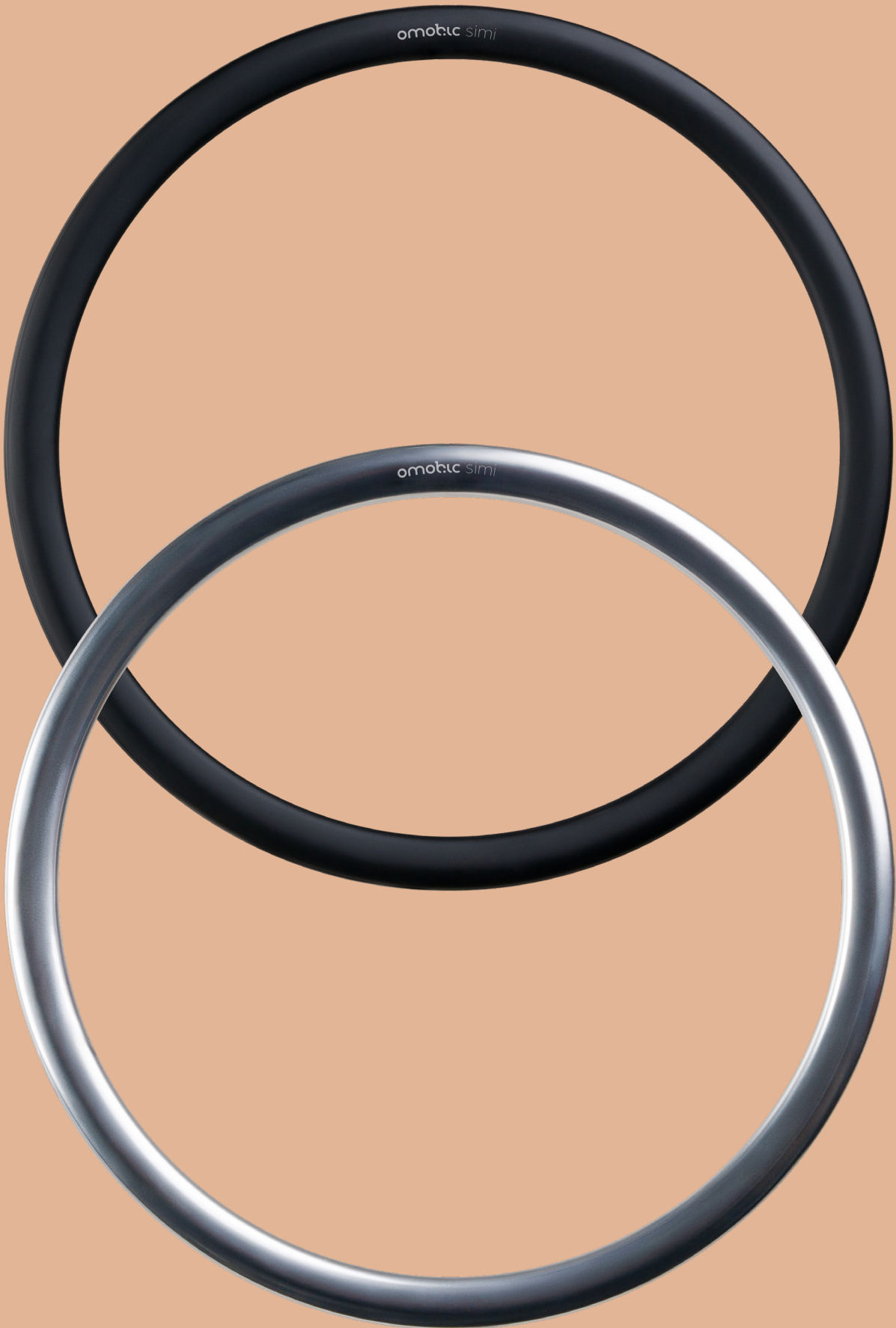
- High sides of hard anodized aluminium for easier braking
- The silicone insert is not too sticky which results in a reliable and comfortable grip as sand and other materials do not stick onto it.
- Good anti-slip performance even when wet.
- 6 splices (39210Q)
- Available in black hard anodized – shiny silver anodized on request
- Replaceable silicone insert



Wheel Size	SD fitting distance mm	Fit Omobloc rim types	Weight g	Black hard anodized NOVA H
24"	472	Challenger 24" (507)	-	on request
24"	510	DW2	-	on request
24"	515	DW2 + DW4 + DW7	590	34248S
25"	535	DW2 + DW4 + DW7	630	34258S
26"	565	DW2 + DW4 + DW7	690	34268S



omobic simi



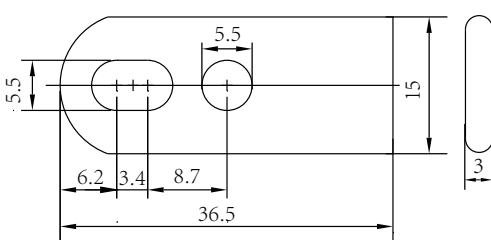
SIMI handrims with anti-slip insert

The SIMI handrim is an excellent choice for users with full or slightly reduced handstrenght as it has a large surface and a shape that fits well into the hand. The height of the profile is 34 mm. On the top it has an anti-slip, yet not too sticky silicone insert made of environmentally friendly food grade silicone which provides an excellent grip.

- Large aluminium surface for easier braking
- The silicone insert is not too sticky which results in a reliable and comfortable grip as sand and other materials do not stick onto it.
- Good anti-slip performance even when wet.
- 6 splices (39210Q)
- Available in black hard anodized or shiny silver anodized, Silver is slightly more soft to touch but not hard anodized, so it scratches easier.
- Replaceable silicone insert



Wheel Size	SD fitting distance mm	Fit Omobic rim types	Weight g	Silver anodized (shiny) SIMI S	Black hard anodized SIMI H
24"	510	DW2	-	on request	on request
24"	515	DW2 + DW4 + DW7	825	3424DB	3424DA
25"	535	DW2 + DW4 + DW7	860	3425DB	3425DA
26"	565	DW2 + DW4 + DW7	900	3426DB	3426DA



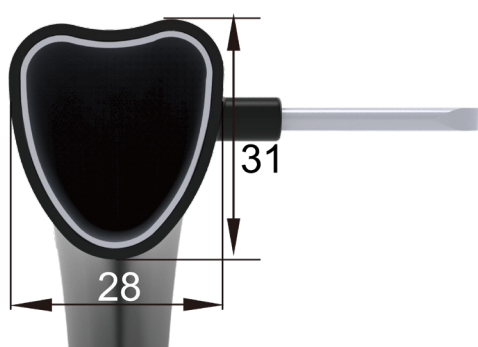
OPTIMUM

Our OPTIMUM handrims provides optimum contact for more easy propelling and braking and are very suitable for users with reduced hand strenght.

Both profiles are available with a 1,5 mm anti-slip, high friction coating which makes them optimal for wheelchair users with tetraplegia.



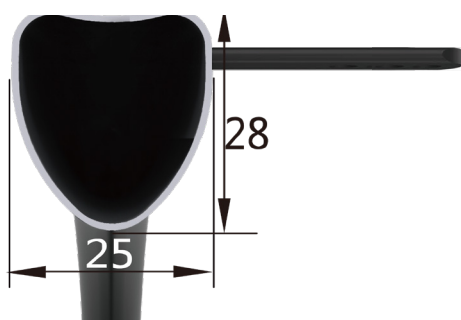
Optimum F with anti-slip coating



- Optimal for users with reduced hand strength
- Available with 6 splices (39210Q) or 6 rivnuts
- 1,5 mm anti-slip coating, Lizard grip

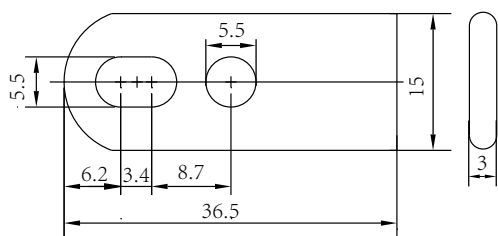
Surface treatment	Wheel Size	Type of fitting	SD / Rivnut Fitting distance	Fit Rim Type	Weight g	Item no. Produced in Poland
Optimum F - Anti-slip coating	24	6 splices	510	DW2	-	on request
Optimum F - Anti-slip coating	24	6 splices	515	DW2 + DW4 + DW7	520	34244S-D
Optimum F - Anti-slip coating	25	6 splices	535	DW2 + DW4 + DW7	540	34254S-D
Optimum F - Anti-slip coating	26	6 splices	565	DW2 + DW4 + DW7	560	34264S-D
Optimum F - Anti-slip coating	24	6 rivnuts	515	SW1	510	32244R-D
Optimum F - Anti-slip coating	24	6 rivnuts	520	DW5	520	32244P-D

Optimum



- The large and ergonomic shape gives the user a good and comfortable grip
- Available with 6 splices (39210Q) or 6 rivnuts
- Black hard anodized aluminium - very scratch resistant

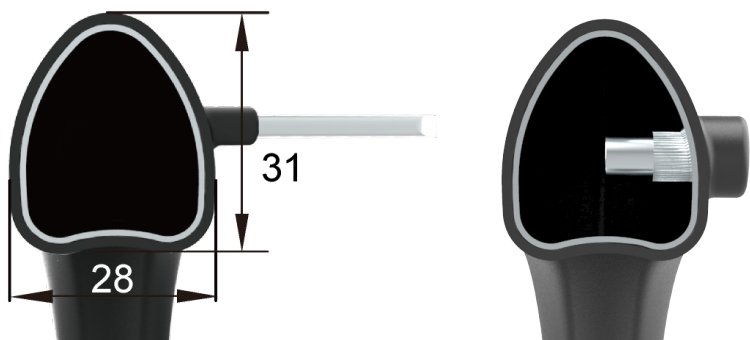
Surface treatment	Wheel Size	Type of fitting	SD / Rivnut Fitting distance	Fit Rim Type	Weight	Item no.
Optimum H - Black hard anodized	24	6 splices	510	DW2	-	on request
Optimum H - Black hard anodized	24	6 splices	515	DW2 + DW4 + DW7	275	34244S
Optimum H - Black hard anodized	25	6 splices	535	DW2 + DW4 + DW7	290	34254S
Optimum H - Black hard anodized	26	6 splices	565	DW2 + DW4 + DW7	300	34264S
Optimum H - Black hard anodized	24	6 rivnuts	515	SW1	270	32244R



omobic optimum



Optimum ZF with anti-slip coating



- Optimal for users with reduced hand strength
- Available with 6 splices (39210Q) or 6 rivnuts
- 1,5 mm anti-slip coating, Lizard grip

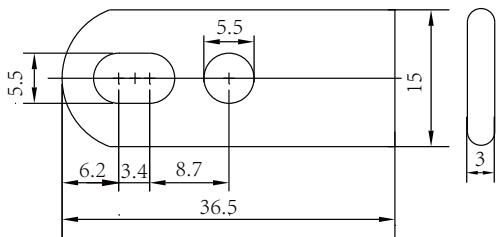
Surface treatment	Wheel Size	Type of fitting	SD / Rivnut Fitting distance	Fit Rim Type	Weight g	Item no. Produced in Poland
Optimum ZF – Anti-slip Coating	24"	6 splices	510	DW2	–	on request
Optimum ZF – Anti-slip Coating	24"	6 splices	515	DW2 + DW4 + DW7	560	3424F5-D
Optimum ZF – Anti-slip Coating	25"	6 splices	535	DW2 + DW4 + DW7	550	3425F5-D
Optimum ZF – Anti-slip Coating	26"	6 splices	565	DW2 + DW4 + DW7	560	3426F5-D
Optimum ZF – Anti-slip Coating	24"	6 rivnuts	515	SW1	535	32244M-D
Optimum ZF – Anti-slip Coating	24"	6 rivnuts	520	DW5	550	32244N-D

Optimum Z



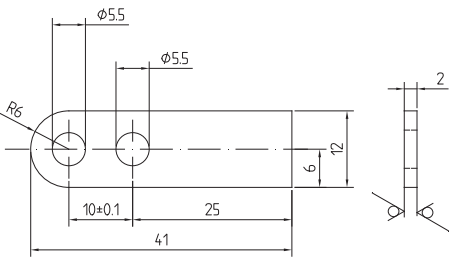
- The large and ergonomic shape gives the user a good and comfortable grip
- Available with 6 splices (39210Q)
- Black hard anodized aluminium – very scratch resistant

Surface treatment	Wheel Size	SD Fitting distance	Fit Rim Type	Weight	Item no.
Optimum ZH – black hard anodized	24	510	DW2	–	on request
Optimum ZH – black hard anodized	24	515	DW2 + DW4 + DW7	275	3424F5



Handrims Titanium

Titanium – brushed

- Very durable, yet lightweight
- Brushed, luxury looking surface
- 6 splices (D39005), 2 mm thick
- Splices can be adjusted +/- 2 mm
- Ø19 mm

Wheel Size	SD fitting distance mm	Fit Omobic rim types	Weight g	Fitting	Part. no. Brushed
22"	466	DW4 & DW7	370	6 splices	352282
24"	510	DW2	404	6 splices	352493
24"	517	DW4 & DW7	409	6 splices	352482
25"	535	DW4 & DW7	423	6 splices	352582
26"	567	DW4 & DW7	444	6 splices	352682



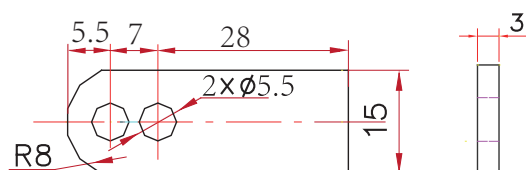
Looking for
something
special?

Ask sales for
customized
handrims!

Aluminium handrims

Special features

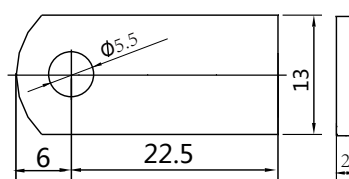
Black hard anodized aluminium



- Very scratch resistant
- 6 splices (392114) with two holes
- Ø19 x 1,25
- Splices can be adjusted +/- 2 mm

Wheel Size	SD fitting distance mm	Fit rim types	Weight g	Fitting	Splice Type	Hard Black anodized
24"	510	DW2	-	6 splices	392114	on request
24"	519	DW4 + DW7	215	6 splices	392114	34240YH
25"	536	DW4 + DW7	220	6 splices	392114	34250YH

Ultralight aluminium



- 6 splices (392108) with one hole
- Ø19 x 0,8 mm
- Splices can be adjusted +/- 2 mm

Wheel Size	SD fitting distance mm	Fit Omobic Rim types	Weight g	Fitting	Silver anodized	Black anodized
20"	429	DW4 & DW7	178	6 splices	342077	342075
22"	466	DW4 & DW7	194	6 splices	342277	342278
24"	512	DW2	211	6 splices	342412	342413
24"	517	DW4 & DW7	212	6 splices	342408	342409
25"	535	DW4 & DW7	221	6 splices	342577	342503

Aluminium handrims

Coated for extra grip

Standard grip (893201)

- Black foam 65 SHA
- Based on PVC
- Thickness 1 mm
- Fulfill all EU regulations
- 1,1 friction coefficient

Lizard grip – Extra sticky (893204)

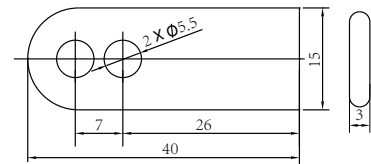
- Extra sticky – good for sport
- Black foam 65 SHA
- Based on PVC
- Thickness 1 mm
- Fulfill all EU regulations
- 0,7 friction coefficient



- Ø19 x 1,25
- Thickness of dipping app 1 mm
- Fitting with 6 splices or rivnuts
- Splices (392115) with two holes
- Splices can be adjusted +/- 2 mm

Wheel Size	SD / rivnuts fitting distance (mm)	Fit rim types	Weight g	Fitting	Standard Grip	Lizard Grip Produced in Poland
20"	428	DW4 & DW7	480	6 splices	342026	-
22"	466	DW4 & DW7	520	6 splices	342214	-
24"	510	DW2	565	6 splices	34249F	-
24"	517	DW4 & DW7	570	6 splices	342489	3424A5
25"	530	DW2	585	6 splices	3425D5	-

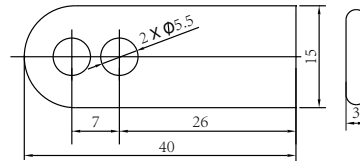
Other sizes on request



Aluminium handrims

The classics

Aluminium

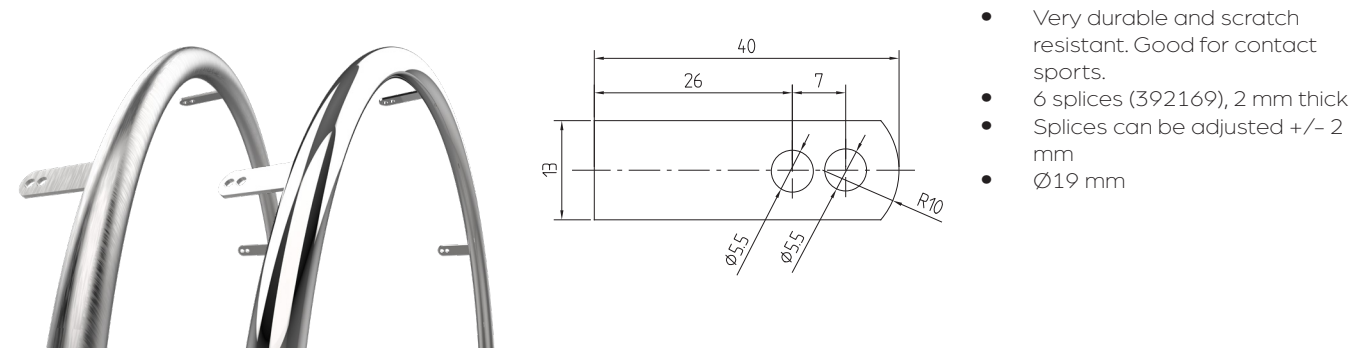


- Ø19 x 1,25
- Splices (392115) with two holes
- Extra long splices used for handrims which fit the Buddy wheels
- Splices can be adjusted +/- 2 mm

Wheel Size	SD /rivnut fitting distance (mm)	Fit rim types	Weight g	Fitting	Splice Type	Silver anodized	Black anodized
20"	434	SW1	292	6 splices	392115	342051	342052
22"	466	DW4 & DW7	311	6 splices	392115	342255	342256
22"	472	SW1	315	6 splices	392115	342251	342252
24"	480	Buddy SW Wide	-	6 splices	392144	-	3424E4
24"	510	DW2	338	6 splices	392115	344458	342458
24"	517	DW4 & DW7	343	6 splices	392115	342455	342456
24"	523	SW1	350	6 splices	392115	342451	342452
25"	530	DW2	351	6 splices	392115	342568	342567
25"	535	DW4 & DW7	355	6 splices	392115	342555	342556
25"	542	SW1	359	6 splices	392115	342561	342558
26"	567	DW4 & DW7	374	6 splices	392115	342655	342656
26"	573	SW1	378	6 splices	392115	342651	342652
22"	469	DW5	298	6 rivnuts	-	322284	322285
24"	515	SW1	327	6 rivnuts	-	322452	322450
24"	520	DW5	330	6 rivnuts	-	322495	32240BX
25"	539	DW5	341	6 rivnuts	-	322595	322594

Handrims

Stainless Steel



Wheel Size	SD fitting distance mm	Fit Omobic rim types	Weight g	Fitting	Shiny polished	Brushed
22"	466	DW4 & DW7	668	6 splices	352258	on request
22"	472	SW1	676	6 splices	352272	352262
24"	510	DW2	727	6 splices	352478	on request
24"	517	DW4 & DW7	736	6 splices	352458	on request
24"	523	SW1	745	6 splices	352472	352462
25"	535	DW4 & DW7	763	6 splices	352558	on request
26"	573	SW1	816	6 splices	352672	352662
26"	567	DW4 & DW7	803	6 splices	352658	on request



Handrim fitting options

Fitting options – Double wall rims

TYPE A:

Handrim with splices fitted on rim with rivnuts



- The handrim can be exchanged without removing the tyre and the tube

Fitting options – Single wall rims

TYPE B:

Handrim with splices fitted with screw and lock nut



- necessary to remove tyre and tube to exchange handrim

TYPE C:

Handrim with rivnuts fitted with anchor-plates



- Distance between handrim and rim is 17 mm as standard. Other lengths on request





REAR WHEELS

SkyLite 24

DayLite 28

SmartLite 30

Tensio Ray 36

Cyclone 40

Hurricane 42

Off-Road Challenger 44

Off -Road Buddy 48

Off-Road Voyager 50

Disc Brake 45

SKYLITE

20"-25"

SKYLITE is your ultimate choice when you want to travel elegant and light. Our engineers have, as the first in the world, developed and tested micro hubs for wheelchair use. Combined with an ultra lightweight rim, where we have used a special CNC milling method between the spoke holes, we have developed a complete wheel weighing only 960 grams.





Black rim with silver cavities to reduce weight (DW7)



Extra light aluminium handrim Ø19 x 0,8 mm.
6 splices, one hole
Black or silver anodized



Polished micro hub (R5)
70/48 mm
18 extra light stainless steel spokes



20", 22", 25": OMOBIC SpeedLite, 25 mm



Max load
40 kg



24. OMOBIC Gazelle
25 mm. Gazelle is optional for the 25" wheel..

Bare wheels

SIZE	SD diameter mm	Weight g	Part no. ø12mm	Part no. ø1/2"
20"	428	410	230US1	230US2
22"	466	430	232US1	232US2
24"	517	455	234US1	234US2
25"	536	490	235US1	235US2

Wheels with handrim and tyre

SIZE	Handrim	Tyre	Weight g	Part no. ø12 mm	Part no. ø1/2"
20"	Silver anodized	OMOBIC Speedlite	925	260US1	260US2
20"	Black anodized	OMOBIC Speedlite	925	260US3	260US4
22"	Silver anodized	OMOBIC Speedlite	955	262US1	262US2
22"	Black anodized	OMOBIC Speedlite	955	262US3	262US4
24"	Silver anodized	OMOBIC Gazelle	970	264US11	264US12
24"	Black anodized	OMOBIC Gazelle	970	264US13	264US14
25"	Silver anodized	OMOBIC Speedlite*	990	265US1	265US2
25"	Black anodized	OMOBIC Speedlite*	990	265US3	265US4

* Gazelle ultralight tyre is now available in 25" if you wish the lightest option of tyre

Quick-release axles in steel or titanium

Material	Weight (g) Ø12 mm / Ø1/2"	Length mm	Release button colour	Part. no. Ø12 mm	Part. no. Ø1/2"
Steel	92/103	103	Mirror polished	6180SD	6181SD
Titanium	63/70	103	Mirror polished	6180SA	6181SA

SKYLITE

20"-25"





DAYLITE

24"-25"

The DAYLITE is a beautiful and elegant wheel for everyday use and an absolute favorite among many customers! The complete 24" wheel weighs only 1060 g. The radial lightweight hub was designed by MBL's founder and is now a worldwide classic. Fitted with the OMOBIC lightweight yet durable SpeedLite tyre the DAYLITE is a light, durable and stylish addition to most wheelchairs.





Black rim
(DW4)



Extra light aluminium handrim
Ø19 x 0,8 mm.
6 splices, one hole
Black or silver anodized



Black hub (R1)
70/48mm
24 extra light stainless
steel spokes



Omobic SpeedLite
25 mm



Max load
60 kg

Bare wheels

SIZE	SD diameter mm	Weight g	Part no. Ø12mm	Part no. Ø1/2"
24"	517	525	234L11	234L61
25"	536	540	235L11	235L61

Wheels with handrim and tyre

SIZE	Handrim	Weight g	Part no. Ø12 mm	Part no. Ø1/2"
24"	Silver anodized	1060	264L11	264L61
24"	Black anodized	1060	264L12	264L62
25"	Silver anodized	1080	265L11	265L61
25"	Black anodized	1080	265L12	265L62

Quick-release axles in steel or titanium

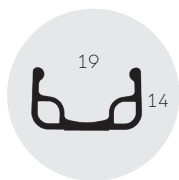
Material	Weight (g) Ø12 mm / Ø1/2"	Length mm	Release button colour	Part. no. Ø12 mm	Part. no. Ø1/2"
Steel	97/108	108	Black	6180L1	6181L1
Titanium	66/73	108	Black	6180L8	6181L8

SMARTLITE

24"-25"

The SMARTLITE is an elegant wheel with a single wall rim for everyday use. The radial lightweight hub was designed by our founder and is now a worldwide classic. Now fitted with the Omobic lightweight yet durable SpeedLite tyre the SMARTLITE will be a light and stylish addition to most wheelchairs (Weight with OMOBIC SpeedLite tyre and handrim: 24"/1250 g)





Black rim
(SW1)



Extra light aluminium handrim
Ø19 x 0,8 mm.
6 splices, one hole
Black or silver anodized



Black hub (R1)
70/48mm
24 extra light stainless
steel spokes



Omobic SpeedLite
25 mm



Max load
60 kg

Bare wheels

SIZE	SD diameter mm	Weight g	Part no. Ø12mm	Part no. Ø1/2"
24"	523	670	234ES11	234ES61
25"	542	700	235ES11	235ES61

Wheels with handrim and tyre

SIZE	Handrim	Weight g	Part no. Ø12 mm	Part no. Ø1/2"
24"	Silver anodized	1240	264ES11	264ES61
24"	Black anodized	1240	264ES12	264ES62
25"	Silver anodized	1300	265ES11	265ES61
25"	Black anodized	1300	265ES12	265ES62

Quick-release axles in steel or titanium

Material	Weight (g) Ø12 mm / Ø1/2"	Length mm	Release button colour	Part. no. Ø12 mm	Part. no. Ø1/2"
Steel	97/108	108	Black	6180L1	6181L1
Titanium	66/73	108	Black	6180L8	6181L8



Customized solutions

Unique solutions are often required to make the perfect wheelchair – fitted with components that meet your standards and design as a producer.

We have developed customized solutions in close collaboration with our partners for decades, and today, a large part of our production consists of those unique products.

Based on standard products, we create unique components that fit customer-specific requirements and needs.

Whether it comes to a making a special design of a front castor, a wheelchair frame curved to perfection, side guards in carbon, a push rim with tailormade dimensions – or simply a wheel in your choice of color.

Omobic Tensio wheels with fibre spokes

You now
have a
choice!

Tensio Ray

Anodized in Dusty Purple
Limited edition



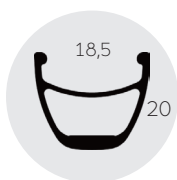


TENSIO RAY

24" -25"

The Omobic TENSIO RAY with 12 x 3,7 mm fibre spokes obtains outstanding test results. Our cutting-edge spoke fitting method ensures lasting rim strength and lasting tension of the spokes. If you are looking for an elegant looking wheel yet strong, flexible and absorbant – then try it out! You now have a choice!





Black
seamless rim



Aluminium handrim
6 splices with two holes
Black anodized
Ø19 mm



Hub type Tensio
Spirit
Black or silver
53/83 mm



12 PBO fibre spokes,
3,7 mm



Max load
75 kg



TPU tube

Bare wheels

SIZE	Hub color	SD diamter mm	Weight g	Part no. Ø12 mm	Part no. Ø1/2"
24"	Silver	510	710	F34Y2S1197	F34Y2S2197
24"	Black	510	710	F34Y2S1196	F34Y2S2196
25"	Silver	530	730	F35E1F2205	F35E2F2205
25"	Black	530	730	F35E1F2206	F35E2F2206

Complete wheels with Traiblazer tyre, TPU tube and black anodized handrim

SIZE	Hub color	SD diamter mm	Weight g	Part no. Ø12 mm	Part no. Ø1/2"
24"/Right	Silver	510	1500	F64B1F1196	F64B1F2196
24"/Left	Silver	510	1500	F64B1F1197	F64B1F2197
24"/Right	Black	510	1500	F64B1F1194	F64B1F2194
24"/Left	Black	510	1500	F64B1F1195	F64B1F2195

Quick-release axlest

Material	Lenght mm	Release button colour	Part. no. Ø12 mm	Part. no. Ø1/2"
Stainless steel	104	Silver	61821T	618303
Stainless steel	104	Black	61821U	618303-1

Bushing

Bushing	Lenght mm	Part. no. Ø12 mm	Part. no. Ø1/2"
M18 x 1	51	62103M	621139



Make it your own!

Choose the tyre and handrim that fit your needs!

When MOQ is met, we can also paint or anodize the rim & hub in your preferred colors.

Please contact our sales department to find out more!



CYCLONE

24"

CYCLONE is a strong yet elegant looking wheel. The slim hub and only 12 spokes give the wheel a light look and fitted with the Omobic SpeedLite tyre it will guarantee the user a very easy run. The hard anodized handrim is durable and generates minimum heat when braking.





Black rim
(DW2)



Aluminium handrim
6 splices with two holes
Black or silver anodized



- Black anodized hub (R6) 48/70mm
- 12 black KTL steel spokes Ø3 mm



Omobic SpeedLite
25 mm



Max load
60 kg

Bare wheels

SIZE	SD diamter mm	Weight g	Part no. ø12 mm	Part no. ø1/2"
24"/Ø540	510	-	234AD3	234AD2

Wheels with handrim and tyre (directional)

SIZE	Handrim	 g	Part no. ø12 mm LEFT	Part no. ø12 mm RIGHT	Part no. ø1/2" LEFT	Part no. ø1/2" RIGHT
24"	Black anodized	1550	264AD8-L	264AD8-R	264AD2-L	264AD2-R
24"	Silver anodized	1550	264ADC-L	264ADC-R	264AD9-L	264AD9-R

Quick-release axles in steel or titanium

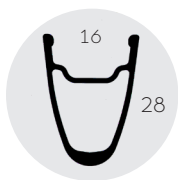
Material	Weight (g) Ø12 mm / Ø1/2"	Lenght mm	Release button colour	Part. no. Ø12 mm	Part. no. Ø1/2"
Steel	97/108	108	Black	618254	618354
Titanium	66/73	108	Black	61825A	61835A

HURRICANE 6 x 3

22"-25"

HURRICANE 6 x 3 is an optimal choice if you are looking for a modern and dynamic looking wheel. The 6 x 3 spokes combined with a 28 mm tall and narrow rim results in a lean and attractive look. HURRICANE is a strong yet light wheel and fitted with Omobic Speedlite tyre it will guarantee the user a very easy ride.





Black KTL
(DW5)



Aluminium handrim
6 splices with two holes
Black or silver anodized
Ø19 mm



Black hub (F3) 53/64 mm
18 x Ø2,3mm stainless steel
spokes



Handrim fitted with
6 round rivnuts



Max load
60 kg



Omobic SpeedLite
25 mm

Bare wheels

SIZE	Rivet Diameter mm	Weight g	Part no. Ø12 mm	Part no. Ø1/2"
22"/Ø489	469	740	232H31	232H81
24"/Ø540	520	790	234H31	234H81
25"/Ø559	550	830	235H31	235H81

Wheels with handrim and tyre

SIZE	Handrim	Weight g	Part no. Ø12 mm	Part no. Ø1/2"
24"/Ø540	Silver anodized aluminium	1530	264H31	264H81
24"/Ø540	Black anodized aluminium	1530	264H32	264H82

Quick-release axles in steel or titanium

Material	Weight (g) Ø12 mm / Ø1/2"	Length mm	Release button colour	Part. no. Ø12 mm	Part. no. Ø1/2"
Steel	110	108	Black	6180S1	6181S3
Titanium	75	108	Black	6180S9	6181S9

VOYAGER
24" (507)



GET OUTDOOR!

Omobic
all-terrain wheels
will take you
anywhere
– also suitable
for power
add-ons!



CHALLENGER with off-set hub 24" also available with drumbrake hub and/or cross spoking

The OFF-ROAD CHALLENGER is an optimal choice for active users who often come across bumpy and challenging roads. The OFF-ROAD CHALLENGER is a strong and durable wheel equipped with a 10 mm off-set high flange hub. The 28 mm tall rim profile results in a dynamic and sporty look.





Black rim
High profile



Aluminium handrim
6 splices with two holes
Black anodized
Ø19 mm



10 mm off-set high flange
hub (F5) 53/64 mm
36 stainless steel spokes.



- Innova tyre
IA2003, 47 mm



Max load
60 kg

Bare wheels

SIZE	SD diameter mm	Weight g	Part no. ø12 mm	Part no. ø1/2"
24"/Ø507	472	970	234EZA	234EZA

Wheels with handrim and tyre

SIZE	Tyre DIRECTIONAL	Weight g	Part no. ø12 mm	Part no. ø1/2"
24"/Ø507	LEFT	2120	264EXG-L	264EZG-L
24"/Ø507	RIGHT	2120	264EXG-R	264EZG-R

Quick-release axles in steel or titanium

Material	Weight (g) Ø12 mm / Ø1/2"	Lenght mm	Release button colour	Part. no. Ø12 mm	Part. no. Ø1/2"
Steel	97/108	108	Black	618254	618354
Titanium	66/73	108	Black	61825A	61835A

BUDDY

24"

Our off-road wheel BUDDY will safely carry the user and prevent the wheelchair from sinking on soft grounds. The wide rim and fat tyre add style to any wheelchair. Our version with a 507 mm (22") wheel rim fitted with a 60 mm wide tyre has a diameter which is close to a standard 24" wheel and so the setup of the wheelchair remains the same.





Black
extra wide



Aluminium handrim
6 splices with two holes
Black anodized
Ø19 mm



Black hub with high flanges
(F5) 53/64mm
36 stainless steel spokes,
2 mm



Big Apple 24"/507-
24" x 2" - other
DIRECTIONAL tyres
on request



Max load
60 kg

Bare wheels

SIZE	SD diameter mm	Weight g	Part no. Ø12 mm	Part no. Ø1/2"
24"/Ø507	480	1100	23F403	23F404

Wheels with handrim and tyre

SIZE	Tyre DIRECTIONAL	Weight g	Part no. Ø12 mm	Part no. Ø1/2"
24"/Ø507	LEFT	2400	26F405L	26F406L
24"/Ø507	RIGHT	2400	26F405R	26F406R

Quick-release axles in steel or titanium

Material	Weight (g) Ø12 mm / Ø1/2"	Lenght mm	Release button colour	Part. no. Ø12 mm	Part. no. Ø1/2"
Steel	97/108	108	Black	618254	618354
Titanium	66/73	108	Black	61825A	61835A

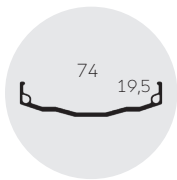
VOYAGER (FAT WHEEL – 507)

24"

The OMOBIC Voyager FAT wheel stands as the ultimate solution for active wheel-chair users seeking unparalleled versatility. Engineered to excel in any environment and crafted with meticulous attention to detail, the OMOBIC Voyager FAT wheel boasts a robust construction built around a 507 mm rim, complemented by an offset hub configuration that ensures optimal clearance from the wheelchair's side.

Here shown with-
out handrim and
powdercoated in
dark green.





Black
extra wide



Aluminium handrim
6 splices with two holes
Black anodized
Ø19 mm



Offset hub, black
anodized, 53/95
36 stainless steel
spokes 2,3 mm



Schwalbe Big Ben
Plus (55-507) other
DIRECTIONAL tyres
on request



Max load
75 kg.

Bare wheels with rim tape

SIZE	SD diameter mm	Weight g	Part no. Ø12 mm	Part no. Ø1/2"
24"/Ø507	480	1100	on request	23F418

Wheels with handrim and Scwhalbe Big Ben Plus (other tyres on request)

SIZE	Tyre DIRECTIONAL	Weight g	Part no. Ø12 mm	Part no. Ø1/2"
24"/Ø507	LEFT	2600	on request	26F418L
24"/Ø507	RIGHT	2600	on request	26F418R

Other cool tyre
options available!



Disc-brake wheel with various options for brake handles 24"

Fast and easy release of the wheels. Simply push the button, lift up the brake system and release your wheel fitted with a QR axle! Available with 120 mm disc and equipped with a safety guard which prevents the rotor from touching the ground when the wheel is deattached. Chose between three options of brake handles for user or attendant activations. **Only available with 12 mm axle.**



Wheels with handrim & tyre – without disc-brake



Please find item numbers for sets with brakes on the next pages!

SIZE	SD diameter mm	Hub type	No. of spokes	 g	Part no. ø12mm
24"/Ø540	523	69650V	18	2330	234AAZ



Black rim (SW1)



Silver anodized aluminium handrim with 6 splices and two holes. Ø19 mmt



Black hub 70/48 mm
18 x ø2,6 mm black KTL spokes



Handrim fitting with 6 splices, screw and lock-nut.



Max load for the system
120 kg



Omobic SpeedLite 25 mm

Complete wheels with brake handle – engaged by the attendant



- Disc-brake system with Ø120 mm rotor
- 12 or 12,77 mm QR axle
- Mounting clamps included (left or right side)
- NB! Item no is for ONE wheel
- Brake handle 69DHD1 (left) 69DHD2 (right) included

SIZE	AXLE	BRAKE HANDLE	Weight g	Part no. ONE wheel RIGHT side	Part no. ONE wheel LEFT side
24"/Ø540	12 mm QR axle	69DHD1 (left)	2330	69D02R	69D02L
24"/Ø540	12,7 mm QR axle	69DHD2 (right)	2330	69D06R	69D06L

Complete wheels with one cable in each brake handle – engaged by the user



- Disc-brake system with Ø120 mm rotor
- 12 mm QR axle
- Including brake handle 67103M
- Mounting clamps included (left or right side)
- NB! Item no is for ONE wheel
- Brake handle 69DHD1 (left) 69DHD2 (right) included

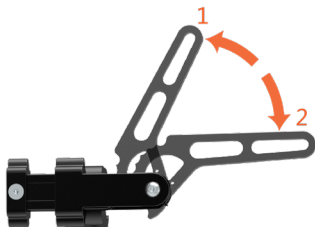
SIZE	AXLE	Weight g	Part no. ONE wheel RIGHT side	Part no. ONE wheel LEFT side
24"/Ø540	12 mm QR axle	2330	69D08R	69D08L

Set of wheels with two cables in 1 brake handle – engaged by the user



- Disc-brake system with Ø120 mm rotor
- 12 mm QR axle
- Including brake handles 67103M (left side) and 67103N (right side)
- Mounting clamps included (left or right side)
- NB! Item no is for TWO wheel

SIZE	AXLE	BRAKE HANDLE	Weight g	Part no. TWO wheels Mounting clamp for han- dle RIGHT side	Part no. TWO wheels Mounting clamp for han- dle LEFT side
24"/Ø540	12 mm QR axle	67103M (left) and 67103N (right)	2330	69D10R	69D10L



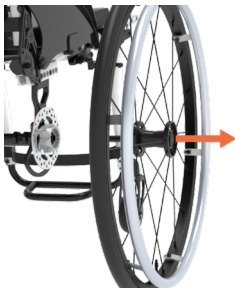
Position 1: Parking brake engaged
 Position 2: Parking brake not engaged



2 cable outlets



The brake handle is assembled to the chair frame by using clamps as shown above.



The wheel is detachable by pressing the quick-release axle.



The safety guard prevents the rotor from touching the ground.



OMOBIC



FRONT WHEELS & FORKS

Lotus Fibrecore 64

Lotus Alucore 65

Tristar Alucore 65

Forks with suspension 66

Forks in aluminium 69

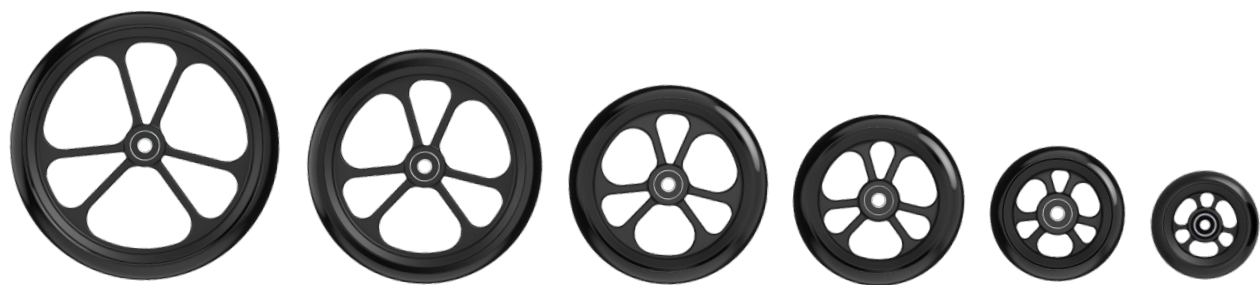
LOTUS FIBRECORE

3"-8", 34 mm or 38 mm

Fitted with non marking hard black rubber tyres or PU tyres. Both options provide very low rolling resistance and high comfort.

Two widths available:

1½" (34 mm) and 1¼" (38 mm)



SIZE	 mm	 mm	 mm	 mm	 g	 kg	RUBBER	PU
3"	80	34 / 1¼"	ø8	26	~/143	40	1403P1	1503P1
4"	100	34 / 1¼"	ø8	26	~/180	40	1404P1	1504P1
5"	125	34 / 1¼"	ø8	26	~/255	40	1405P1	1505P1
6"	150	34 / 1¼"	ø8	26	~/315	40	1406P1	1506P1
7"	175	34 / 1¼"	ø8	26	~/369	40	-	1507P1
8"	200	34 / 1¼"	ø8	26	~/438	40	-	1508P1



38 mm

SIZE	 mm	 mm	 mm	 mm	 g	 kg	PU
4"	100	38 / 1½"	ø8	26	~/207	40	1504P2
5"	125	38 / 1½"	ø8	26	~/270	40	1505P2
6"	150	38 / 1½"	ø8	26	~/357	40	1506P2

LOTUS ALUCORE 3"-6", 34 mm

Fitted with non marking hard black rubber tyres or PU tyres. Both options provide very low rolling resistance and high comfort.



Color rim	SIZE	 mm	 mm	 mm	 mm	 g	 kg	RUBBER	PU
Silver anodized	3"	80	34	ø8	26	160	40	1403A1	1503A1
Silver anodized	4"	100	34	ø8	26	191	40	1404A1	1504A1
Silver anodized	5"	125	34	ø8	26	268	40	1405A1	1505A1
Silver anodized	6"	150	34	ø8	26	284	40	1406A1	1506A1

TRISTAR ALUCORE 4"-6", 35 mm PU extreme

Our new high performing PU tyre has an extremely low rolling resistance and is very durable. The TRISTAR wheels are available as standard in polished aluminium or black anodized aluminium, but can be anodized in any color if MOQ is met.



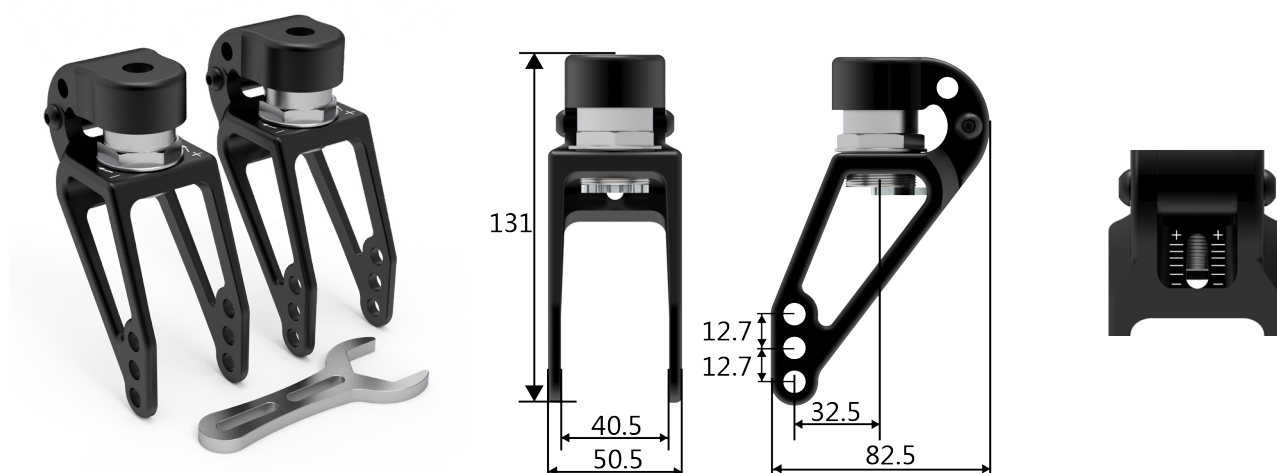
SIZE	 mm	 mm	 mm	 mm	 g	 kg	Black	Polished
4"	100	35,3/1,4"	ø8	26	255	50	1504A9-B	1504A9
5"	125	35,3/1,4"	ø8	26	325	50	1505A9-B	1505A9
6"	150	35,3/1,4"	ø8	26	385	50	1506A9-B	1506A9

JAZZ – Shock absorbing front fork with very easy adjustment of the level of suspension

To be customized to the chair

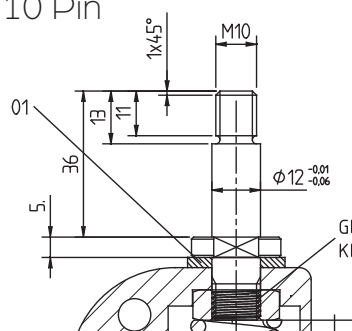
The Jazz front castors absorb shocks and reduce rolling resistance when driving on uneven surfaces. On the JAZZ fork it is very easy to adjust the level of suspension to fit the users weight and the terrain which makes it very user-friendly.

- For wheel sizes 3" - 6"
- The JAZZ fork comes with a caster stem and needs to be customized in order to fit the chair
- Suitable for all manual wheelchairs with bearing housings fitted on the frame

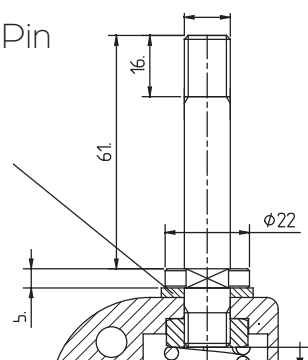


Description	Weight g	Part. no.
SINGLE fork assembled with axle D12/ M10, without assembly wrench	-	6540A1
SINGLE fork assembled with axle D12/ M10, with assembly wrench	-	6580A1
SET of two forks assembled with axle D12/M12, with one assembly wrench	-	6580A2
SET of two forks without axle, with one assembly wrench	-	65801U
SINGLE fork without axle	307	65455S
Assembly wrench	-	65454Y

M10 Pin



M12 Pin





JAZZ

Front fork with adjustable
suspension

SWING – shock absorbing front forks with bearing housings – very easy adjustment of the level of suspension

Compared to normal forks, suspension forks can effectively reduce the rolling resistance when driving. The SWING forks are designed for 4", 5" and 6" front wheels and it is very easy on both models to adjust the level of suspension to fit the users's weight and the terrain .

Your best choice depends on the wheelchair frame for better fit – please contact our sales department.

SWING-A



SWING-B



Description	Weight g	Part. no. LEFT side	Part. no. RIGHT side
Swing-A: can be adjusted more than SWING-B	-	65456L	65456R
SWING-B	-	65455L	65455R



- Use an Allen key to adjust the spring tension according to the user's weight to increase or decrease the resistance to load.

Front forks

Our range of machined forks are made of strong hardened aluminium. They are durable, light and modern and they will surely look good fitted with one of our front wheels. The forks come as standard in black anodized but they can be surface treated to your taste and style.



SOLO

- Max size of wheel: 6"
- Side holes 3 x ø 8,2 mm
- Pin hole 12 or 14 mm
- Black anodized

Inner width W (mm)	Height H (mm)	Top thickness T (mm)	Outer width (mm)	Weight g	Part. no. M12		Part. no. M14	
					Side A	Side B	Side A	Side B
53	106	8	66	105	65530D	65530C	655300	655306



MINI

- Max size of wheel: 6" mm
- Side holes 4 x ø8,2 mm
- Pin hole 12 or 14 mm
- Black anodized

Inner width W (mm)	Height H (mm)	Top thickness T (mm)	Outer width (mm)	Weight g	Part. no. M12	Part. no. M14
46	116,5	12	56	120	65454Z	65454ZA



MAX

- Max size of wheel: 10"
- Side holes 4 x ø8,2 mm
- Pin hole 12 or 14 mm
- Black anodized

Inner width W (mm)	Height H (mm)	Top thickness T (mm)	Outer width (mm)	Weight g	Part. no. M12
46	164	12	56	150	65454E



VARIOUS

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Uni-lock brake 81

Tyres

GAZELLE

- Ultralight
- Kevlar bead wire (foldable)
- Dual layer for very high puncture resistance
- Protection belt width: 15 mm
- Puncture resistant material: tightly weaved nylon fabric (named SPL) provides an extraordinary high level of puncture resistance.
- Carcass 127 TPI
- Minimum rolling resistance
- Psi: 85-145, recommended 110
- Bar: 6.0-10.0, recommended 7.5
- Max load 70 kg



Size	ETRTO	Weight approx. g	Part no.
24" x 1"	23-540	195 g +/- 10 g	41240A
25" x 1"	23-559	200 g +/- 10 g	41250A

SPEEDLITE

- Steel bead wire
- Dual layer for very high puncture resistance
- Protection belt width: 15 mm
- The main material used for the protection belt is natural rubber (named PTR) and is exceptionally puncture resistant.
- Carcass 67 TPI
- Low rolling resistance
- Psi: 85-145, recommended 110
- Bar: 6.0-10.0, recommended 7.5
- Max load 70 kg



Size	ETRTO	Weight approx. g	Part no.
20" x 1"	25-451	245 (+/- 15 g)	41200B
22" x 1"	25-489	260 (+/- 15 g)	41220B
22" x 1"	25-501	265 (+/- 15 g)	41220BL
24" x 1"	25-540	265 (+/- 15 g)	41240B
25" x 1"	25-559	280 (+/- 15 g)	41250B
26" x 1"	25-590	300 (+/- 15 g)	41260B

TRAILBLAZER

- Steel bead wire
- Dual layer for extremely high puncture resistance
- Protection belt width: 18 mm
- Protection belt height: 4,5 mm
- The main material used for the protection belt is natural rubber (named PTR) and is exceptionally puncture resistant.
- Carcass 67 TPI
- Low rolling resistance
- Psi: 85-145, recommended 110
- Bar: 6.0-10.0, recommended 7.5
- Max load 70 kg



Size	ETRTO	Weight approx. g	Part no.
20" x 1"	25-451	410 g (+/-30 g)	41200C
22" x 1"	25-489	440 g (+/-30 g)	41220C
22" x 1"	25-501	455 g (+/-30 g)	41220CL
24" x 1"	25-540	490 g (+/-30 g)	41240C
25" x 1"	25-559	510 g (+/-30 g)	41250C
26" x 1"	25-590	536 g (+/-30 g)	41260C

Our popular Cyclone wheel fitted with Omobloc SpeedLite.



TPU tubes – made of thermoplastic polyurethane. Ultralight and extremely durable.

Check out all of the advantages!

- Recyclable material
- Extremely durable – even under sustained high pressure and load
- Puncture resistant and highly resistant to abrasion and wear
- The material is extremely flexible, elastic and heat/cold resistant
- Applicable to any air pressure
- Weight is about half of conventional rubber tyres
- Easy handling & easy to assemble
- Small package size
- Low rolling resistance
- Water resistant



Tubes



TPU tubes (Thermoplastic Polyurethane)

Description	20"	22"	24"	25"	26"
Box with tube and tape	45200B-P	45220B-P	45240B-P	45240B-P1	45250B-P
TPU tube	45200B	45220B	45240B	45250B	45250B
Rim tape	492911	492912	492914	492914	492916
Empty box	Same item number for all: 92908EA				
Tyre patch	Same item number for all: 4526000				

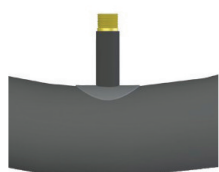
Tubes for GAZELLE and SPEEDLITE

Size	ETRTO	Valve	Part no. INNOVA	Part no. CST
20" x 1"	25-451	Shrader/straight	452005	-
22" x 1"	25-489	Shrader/straight	452202	-
24" x 1"	25-540	Shrader/straight	452406	452401
25" x 1"	25-559	Shrader/straight	452501	-
26" x 1"	25-590	Shrader/straight	452601	-

Tubes for TRAILBLAZER

Size	ETRTO	Valve	Part no. INNOVA	Part no. CST
20" x 1"	25-451	Shrader/straight	452019	-
22" x 1"	25-489/501	Shrader/straight	452219	-
24" x 1"	25-540	Shrader/straight	452419	452401
25" x 1"	25-559	Shrader/straight	452519	-
26" x 1"	25-590	Shrader/straight	452619	-

Valve type



Schrader / Car valve

Quick-release axles in titanium

Compared to steel they are:

- 42% lighter
- more corrosion resistant

Please contact sales if you are interested in this product. We have various options for push buttons. Other lengths and diameters of the QR axle can be produced on request.



For hub type	For wheel name	Weight (g) Ø12 mm / Ø1/2"	Length mm	Release button colour	Part. no. Ø12 mm	Part. no. Ø1/2"
R5	MagniLite, SkyLite	63/70	103	Black	6180SF	6181SF
R5	MagniLite, SkyLite	63/70	103	Mirror polished	6180SA	6181SA
R6, F5	Challenger, Buddy, Cyclone	66/73	108	Black	61825A	61835A
R1	SmartLite, DayLite	66/73	108	Black	6180L8	6181L8
R4, F3	Cyclone	66/73	108	Black	6180S9	6181S9

Compact and lightweight air inflator

Its advantage over traditional solutions are many:

- The inflator measures only 234 x 57 x 45 mm
- Weight: 430 g
- Easy use, it inflates the air automatically. All you need is to press the button
- No battery requirement. The air inflator is charged from a socket (type-C input). Charging time 2 hours
- Up to 10BAR inflating
- Due to the fact that the set contains adapters for different types of valves, the air inflator has a wide range of purposes
- The above features of our inflator give the user the possibility to instantly inflate deflated wheelchair wheels and regain mobility and independence

Charging cable, inflating attachment with valve type and ball converters and users manual are included with the product.



Description	Part no.
Air inflator A10, Black, Max Pressure: 150 PSI, with LED display	EBE01D-O

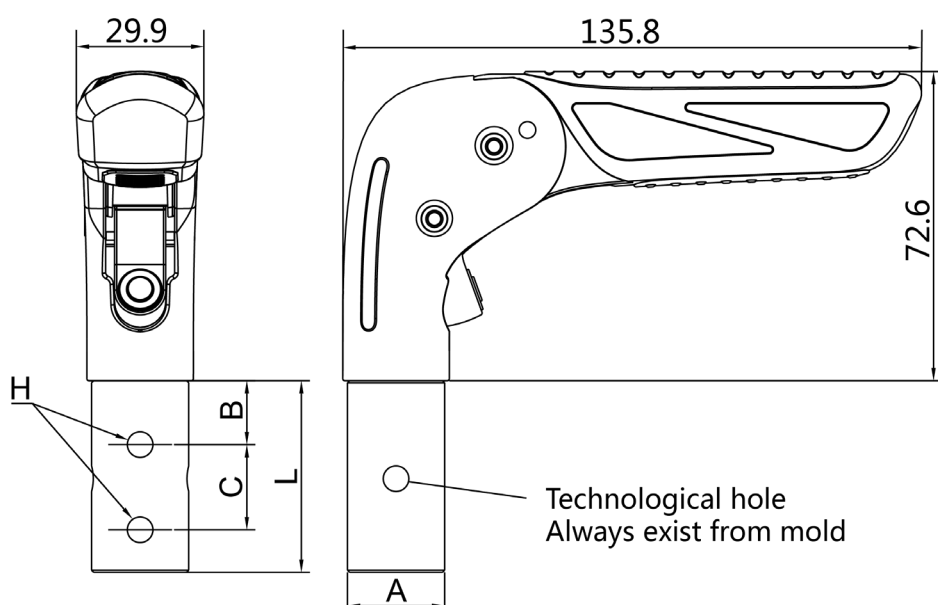
TRIP

Folding handle



Features

- The push handle is foldable to save packing and storage space
- The handle has an ergonomic shape which makes it comfortable for the wheelchair assistant.
- TPR stripes on the top and the bottom of the handle provide a better grip and relieve hand pain and soreness
- The metal tube can be customized to fit specific dimensions of wheelchair back canes



A Tube diameter mm	B mm	C mm	H mm	L mm	Part no.
ø22,8	without	without	without	45	67325R
ø14,5	10,1	25	2 x M6	45	67325G
ø14,5	8	-	1 x M5	25	67325X
ø14,7	10,1	25	2 x M6	45	67325B
ø16	without	without	without	45	67325C
ø20	12	22	2 x M6	45	67325J
ø15	10	15	2 x M5	45	67325N
ø21	without	without	without	25	67325S

Wheel bags

BAGG 2 – for two wheels

- Moisture proof material
- Pocket for QR axle
- User friendly zipper, easy to grab



Wheel Size	Bag Size	Weight g	Part. no. with Omobic Logo
24"	Ø 61 cm x 15 cm	800	9311KG
25"	Ø 63,5 cm x 15 cm	850	9311JP
26"	Ø 66 cm x 15 cm	900	9311JX

BAGG 4 – optimized for 4 wheels with fixed axle size 25"-26"

- Oval shape to make space for wheels with fixed axle
- 5 mm foam padding
- Moisture proof material
- Pocket for QR axle
- User friendly zipper, easy to grab



Wheel Size	Bag Size	Weight g	Part. no. with Omobic Logo
optimal for 25"-26"	Ø 75 cm X 70 cm x 40 cm	-	9311KK

LOCK-A wheel lock in aluminium



- Luxury and very efficient wheel-lock
- Easy and smooth operation – can be used also by users with reduced hand strength
- Easy to install on any existing clamp systems
- Ergonomic hand grip
- Fit on most chairs and suitable for all kind of wheelchairs
- 90 degrees angle

Description	Weight g	Part no.
Activate brake with LEFT hand	130	67303Z
Activate brake with RIGHT hand	130	67303Y

LOCK-P wheel lock in plastic



- Easy to install on any existing clamp systems
- Can be installed on both sides of wheelchair, to the users preference
- Ergonomic hand grip
- Easy and smooth operation
- Fit on most chairs and suitable for all kind of wheelchairs
- 90 degrees angle

Description	Weight g	Part no.
Activate brake with LEFT hand	100	67303MA
Activate brake with RIGHT hand	100	67303NA

Clamp



Fitting Tube Dimension	Part. no.
Ø19/Ø20	674005
Ø19/Ø22	674004
Ø19/Ø25	674001
Ø19/Ø30	674003

Unlock brake – brake both wheels with one hand



- Brake two wheels with one hand
- Two versions: activate brake with LEFT or RIGHT hand
- Parking brake function
- Used with OMOBIC clamps 674001/3/4/5
- Passed 96 salt spray test

Description	Part no.
Activate brake with LEFT hand	C00000L
Activate brake with RIGHT hand	C00000R





Growing stronger together.

Collaborating closely together is how we boost our partners' businesses — while boosting our very own.

We believe in the power of growing together. In creating win-win results. For decades. And over the years, we've grown together with some of the industry's leading producers and wholesalers.

As a trusted and market-leading partner, we have the engineering expertise, production setup, and portfolio to match every need. With state-of-the-art technology and superior quality testing.

However, what truly makes us — and our partners — stand out is our can-do mentality. Our involvement. Our flexibility. We're problem solvers by nature, and designing new and smarter solutions is what ignites our engineering fire — and fuels our shared journey forward.



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