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Catalog printed colors may differ slightly from the actual colors.



2023 THE FIRST EDITION



Performance becomes possibility.

Matsunaga's knowledge, experience and technology are all packed into the performance of the MP series products. That leads to the possibility of broadening your horizons.



PHOTO: K-MAX MINAMO FRAME

LINE UP

STANDARD



5P

siid



7P

Suai II



9P

E-MAX



11P

C-MAX



13P

K-MAX

K-MAX MINAMO FRAME



15P

H-MAX

H-MAX FLAT FRAME
H-MAX WAVE FRAME



19P

S-MAX

S-MAX FLAT FRAME
S-MAX WAVE FRAME



23P

A-MAX

A-MAX
A-MAX JR
A-MAX SWING

SPORTS



29P

B-MAX NEW

For wheelchair basketball

B-MAX DT B-MAX TK
B-MAX DTX B-MAX AJ



33P

T-MAX

For wheelchair tennis

T-MAX TK
T-MAX ADJUST



33P

Y-MAX

For wheelchair softball

Y-MAX ADJUST



33P

F-MAX

For wheelchair Fencing



34P

U-MAX

For wheelchair badminton

U-MAX TK
U-MAX ADJUST



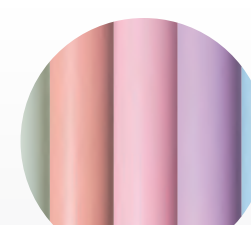
34P

TRY-PO

Introduction model
For basketball, tennis

TRY-PO
TRY-PO KIDS
TRY-PO AJ

OPTION



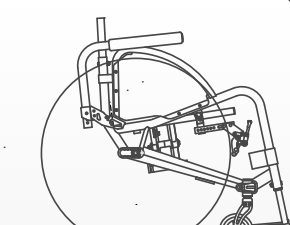
35P

BODY COLOR



37P

**OPTION PARTS
LIST**



45P

**SPECIFICATION
SHEET**

LINE UP

STANDARD

GROW IT TOGETHER

Simple design allows you to grow



Product No 52054029

Si:D

- CUSTOMIZABLE FRAME ■ WEIGHT : 9.00kg~
- FLDING WHEELCHAIR ■ CAMBER ANGLE 2°SELECTABLE
- FRAME PIPE SIZE Φ22
- 24/25 INCH WHEELS SELECTABLE



OPTION

- CARBON WHEELS
- MBL SCISSOR LOCK BRAKES
- 8 CASTER FORK COLOUR
- FOOT TAPARING

Concept of Si:D

"Matsunaga" brand (SEED:seed) , which is new to UK and Europe with fans of "Matsunaga". The plant "seeds" sown by using water and fertilizer to sprout, bloom flowers and create new "seed" . Si:D wants to create like this good cycle in this market with YOU.



ONLINE ORDER FORM



美 FRAME for lighter and Durability

Both sides from footrest area to top of frame are built without welding which makes the frame lighter and durable. Matsunaga calls it 美 (Bi) FRAME. 美 means beauty in japanese.

Stability and Comfortable driving

MP original pipe, Minamo, is both rigid and light. Si:D has adopted it on the important parts for driving due to enhance strength and rigidity, which wheeling can be comfortable.

Individual purchase order form available Made in Japan

※ For detailed specifications and options, please check the individual purchase order form.
※ Specifications may change due to product improvement or quality improvement.

LINE UP

STANDARD



Product No 20004001

Suai II

- SHORT FLAME / LONG FLAME ■ WEIGHT : 9.4kg~
- FLDING WHEELCHAIR ■ CAMBER ANGLE 2°SELECTABLE
- FRAME PIPE SIZE Φ26
- SEMI ADJUSTABLE



Manufacturer's suggested retail price

The Main Body Frame

OPTION

CARBON WHEEL

TITANIUM PUSH RIM

4inches LIGHTNING CASTER

3D CARBON ARM SUPPORT

GRIP(R type)

SPECIAL COLOR / SATIN BLACK

FALL PREVENTION TOOL

Suai has a wish that will bring out elegant and beauty in women.
And it is also particulor about easy rowing.



The lid of the bag is magnetic.
The inside pocket also has dividers for quick access to small items.
The bag can be attached to the back upholstery of the wheelchair to prevent the bag from swinging too far when rowing.



● Minamo pipe
MP original pipe that has both rigidityand light weight was provenon theSuai 2 model.

Individual purchase order form available Made in Japan

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LINE UP

STANDARD

E



Stylish Pipework
22 Φ pipe

Product No. 20019000

E-MAX

- CUSTOMIZABLE FRAME ■ WEIGHT : 9.00kg~
- FLDING WHEELCHAIR ■ CAMBER ANGLE 2°SELECTABLE
- FRAME PIPE SIZE Φ22
- 24/25 INCH WHEELS SELECTABLE

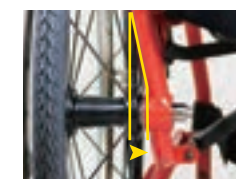


OPTION

CARBON WHEELS
C-SCISSOR LOCK BRAKES
3D ARM SUPPORT
ANTI-TIP

Find Your Best Position!

Equipped with 22Φ diameter main pipes and customizable backrest and legrest angles, you can find the ideal wheelchair position for you.



● Wheelchair Axle

The wheelchair axle are inset to keep the total width more compact.



● Stylish Pipework

The 22Φ diameter main pipes are enhanced by fine pipework for reduced weight.



Individual purchase order form available Made in Japan

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LINE UP
STANDARD

Product No. 20017000

C-MAX

- CUSTOMIZABLE FRAME ■ WEIGHT : 8.5kg~
- FIXED WHEELCHAIR ■ CAMBER ANGLE 2°SELECTABLE
- FRAME PIPE SIZE Φ28
- 24/25 INCH WHEELS SELECTABLE



OPTION

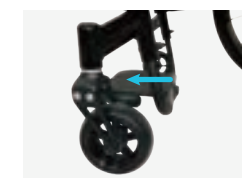
CARBON WHEELS
C-SCISSOR LOCK BRAKES
3D ARM SUPPORT
ANTI-TIP

Simple is the Best

The main frame consists of 28mm diameter pipes. From the backrest down to the legrest, the frame is made of a single pipe. The fewer the number of welds, the stronger the wheelchair. The backrest angle can be selected to meet the needs of a wide range of users.



● **Partial Use of Minamo Pipes**
The legrest and caster pipes are made of minamo pipes designed for both high frame rigidity and a lightweight finish.



Reduced Risk of Falling Forward
The casters are set farther forward than the footrests to reduce the risk of falling forward.



● **Beetle Foot Supports**
The footrests come in a newly updated, more lightweight design.

Individual purchase order form available Made in Japan

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K

LIGHTEST WEIGHT

WEIGHT
9.4 ~ kg

Mascot : Minamo



Product No. 52054026

K-MAX

MINAMO FRAME

Daily wheelchair for active user

- LONG FLAME
- SHORT FLAME
- WEIGHT: 9.4kg~
- FOLDING WHEELCHAIR
- CAMBER ANGLE 2° SELECTABLE
- FLAME PIPE SIZE Φ26
- SEMI ADJUSTABLE



Manufacturer's suggested retail price

The Main Body Frame

OPTION

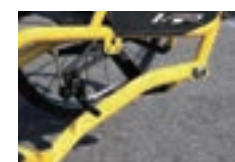
- CARBON WHEEL
- TITANIUM PUSH RIM
- 4inches LIGHTNING CASTER
- 3D CARBON ARM SUPPORT
- GRIP(R type)
- SPECIAL COLOR / SATIN BLACK
- FALL PREVENTION TOOL

Introducing the new MP series, our lightest weight model using Minamo pipe!

The name 'Minamo Pipe' came from the fact that its cross-section resembles the Gifu Prefecture mascot character: Seiryu Minamo's face. This pipe, officially recognized by Seiryu Minamo is both light weight and rigid.



- MP Logo Plate**
Attached to the pipe between the leg pipe and the caster case.



- Minamo pipe**
MP original pipe that has both rigidity and light weight was proven on the Suai 2 model.



- Utilized black resin for side plate**
The same shape as Suai 2 model.

Individual purchase order form available Made in Japan

※ For detailed specifications and options, please check the individual purchase order form.
※ Specifications may change due to product improvement or quality improvement.

LINE UP
STANDARD

H



Product No. 20012002

H-MAX

FLAT FRAME

Daily wheelchair for active user

- LONG FLAME
- SHORT FLAME
- WEIGHT: 10.4kg~
- FOLDING WHEELCHAIR
- CAMBER ANGLE 2° SELECTABLE
- FLAME PIPE SIZE Φ26
- SEMI ADJUSTABLE



Manufacturer's suggested retail price

The Main Body Frame

OPTION

SPINERGY LXL / SPOKE COLOR WHITE

3D CARBON FENDER

OVAL EIGHT HAND RIM

4inches LIGHTNING CASTER

3D CARBON ARM SUPPORT

SPECIAL COLOR / LIGHT BLUE FLAKES

Beauty and Strength

In this model, you can enjoy the beauty and rigidity of original hydroforming pipe in the framework. Purchase of a wheelchair is recommended for active users after the second one.



● 3D CARBON FENDER

We also adopted a newly developed carbon side guard on the flat frame model. Integrated with the finger guards in a shape that eliminates interaction with wheels.



● Flat frame

Horizontal framework and straight type foot-pipe with no aperture.



● Original hydroforming pipe

By setting the pipe in a mold and applying high hydraulic pressure to the inside, complex shapes can be formed integrally. The attraction is a frame combining rigidity and beauty.

Individual purchase order form available Made in Japan

※ For detailed specifications and options, please check the individual purchase order form.
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LINE UP
STANDARD

H



Product No. 20012001

H-MAX

WAVE FRAME

Daily wheelchair for active user

- LONG FLAME
- FOLDING WHEELCHAIR
- FLAME PIPE SIZE Φ26
- SHORT FLAME
- CAMBER ANGLE 2° SELECTABLE
- SEMI ADJUSTABLE
- WEIGHT: 10.4kg~



Manufacturer's suggested retail price

The Main Body Frame

OPTION

- CARBON WHEEL
- 3D CARBON FENDER
- 4inches SOFT ROLL
- CARBON ARM SUPPORT
- GRIP(Low type / right angle)
- SPECIAL COLOR / SPARKLE BLUE

Beauty and Strength

The attraction of this design is the beauty and rigidity of hydraulic pipe and the framework which extends above the seat.

Rolling property & steering ability are also improved dramatically.

Purchase of this wheelchair is recommended for active users after their second one.



3D CARBON FENDER

Newly developed carbon side guard. Is integrated with the finger guards in a shape that eliminates interaction with wheels.



Original hydroforming pipe

By setting the pipe in a mold and applying high hydraulic pressure to the inside, complex shapes can be formed integrally. The attraction is a frame combining rigidity and beauty.



Wave frame

It features a dynamic framework which extends above the seat and a leg pipe drawing the inward curve. It also helps for push-up when transferring.

Individual purchase order form available Made in Japan

※ For detailed specifications and options, please check the individual purchase order form.
※ Specifications may change due to product improvement or quality improvement.

LINE UP
STANDARD

S



Product No. 20005006

S-MAX

FLAT FRAME

Daily wheelchair for active user

- LONG FLAME
- SHORT FLAME
- WEIGHT: 10.5kg~
- FOLDING WHEELCHAIR
- CAMBER ANGLE 2° SELECTABLE
- FLAME PIPE SIZE Φ26
- SEMI ADJUSTABLE



Manufacturer's suggested retail price

The Main Body Frame

OPTION

SPINERGY LXL / WHITE

HAND RIM / TITANIUM

4inches LIGHTNING CASTER

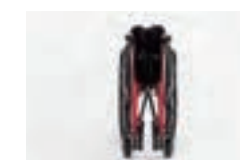
ALUMINUM ARM SUPPORT

GRIP(Low type / R type)

STANDARD COLOR / MAX RED

Sporty & Simple

In the sporty form, a simple framework is an attractive one. We achieved lightweight by minimizing adjustment functions. Because it is a leg pipe shape without squeezing, it is recommended for people who can stand upright or those with hemiplegia.



- **Folded Width 285mm min.**
Depending on options, the width may vary.



- **Flat frame**
Simple framework of horizontal seat.



- **Brake stay adjusts steplessly**

Individual purchase order form available Made in Japan

※ For detailed specifications and options, please check the individual purchase order form.
※ Specifications may change due to product improvement or quality improvement.

LINE UP
STANDARD

S



Sporty & Sharp

Product No. 20005003

S-MAX

WAVE FRAME

Daily wheelchair for active user

- LONG FLAME
- SHORT FLAME
- WEIGHT: 10.5kg~
- FOLDING WHEELCHAIR
- CAMBER ANGLE 2° SELECTABLE
- FLAME PIPE SIZE Φ26
- SEMI ADJUSTABLE



Manufacturer's suggested retail price

The Main Body Frame

OPTION

4inches SOFT ROLL

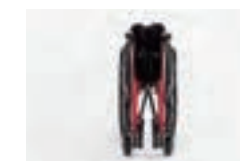
ALUMINUM ARM SUPPORT

GRIP(Low type / right angle)

SPECIAL COLOR / LIGHT BLUE FLAKES

Sporty & Sharp

The framework which extends above the seat can also be used as a push-up when transferring.
Leg pipe with 20 mm inset on each side creates stylishness.
We achieved lightweight by minimizing adjustment functions.



● **Folded Width 285mm min.**
Depending on options, the width may vary.



● **Wave frame**
Designed to a height of 60 mm from the seat framework.



● **Leg pipe design which describes inward form.**

Individual purchase order form available Made in Japan

※ For detailed specifications and options, please check the individual purchase order form.
※ Specifications may change due to product improvement or quality improvement.

LINE UP
STANDARD

Product No. 20006000

A-MAX

Daily wheelchair for active user

- LONG FLAME
- SHORT FLAME
- WEIGHT: 11.2kg~
- FOLDING WHEELCHAIR
- FULLY ADJUSTABLE
- FLAME PIPE SIZE Φ26



"This has everything for
all first time users."



Manufacturer's suggested retail price

The Main Body Frame

OPTION

SCLSSOR BRAKE

ALUMINUM ARM SUPPORT

GRIP(Low type / right angle)

SPECIAL COLOR / RED FLAKES

Optional pocket can be sewed on

Fully Adjustable

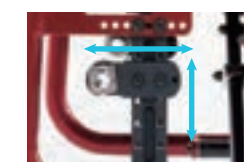
Equipped with adjustable function that can change the vertical axle position (rear seat height). It's finished with an attraction to design and cost performance. It is recommended for users who purchase a wheelchair for the first time or who do not have stable physical condition.



- **Folded width 285mm min.**
Depending on options, the width may vary.



- **Optional Equipment**
(assistance specification example)
Appealing variety of options available



- **Adjustable unit**
Adjustment of axle position is possible. According to needs, it is possible to adjust the forward or back seat position as well as the height.



Junior model appeared in the MP series!
Please check the price on the special purchase order form.

Product No. 20006009



Individual purchase order form available Made in Japan

※ For detailed specifications and options, please check the individual purchase order form.
※ Specifications may change due to product improvement or quality improvement.

LINE UP
STANDARD

A

**SWING
PARTS**

→ IN ←
← OUT →



Product No. 20006001

A-MAX

SWING

Daily wheelchair for active user

- LONG FLAME
- SHORT FLAME
- WEIGHT: 11.5kg~
- FOLDING WHEELCHAIR
- FULLY ADJUSTABLE
- FLAME PIPE SIZE Φ26
- SWING UNIT



Manufacturer's suggested retail price

The Main Body Frame

OPTION

FALL PREVENTION TOOL

CARBON ARM SUPPORT

GRIP(High type R)

FB Tackle brake extension rod

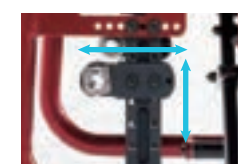
SPECIAL COLOR / SPARKLE BLUE

Fully Adjustable

Equipped with adjustable function that can change the vertical axle position (rear seat height). It's finished with attention to design and cost performance. Smooth transfer with installed swing unit. It is also recommended for users who have severe paralysis, Hemiplegia and those who can stand or walk.



● **Folded Width 285mm min.**
Depending on options, the width may vary.



● **Adjustable unit**
Adjustment of axle position is possible. According to needs, it is possible to adjust the forward or back seat position as well as the height.



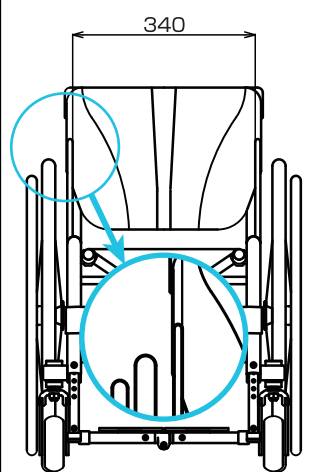
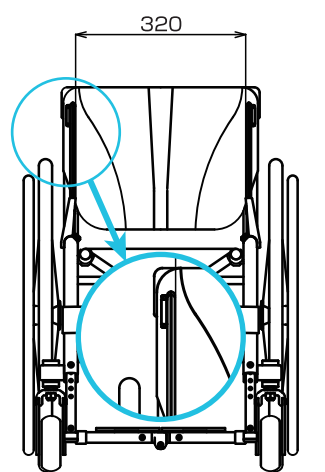
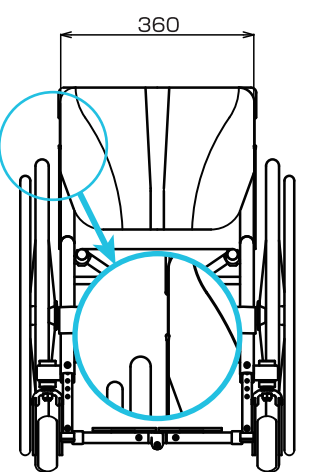
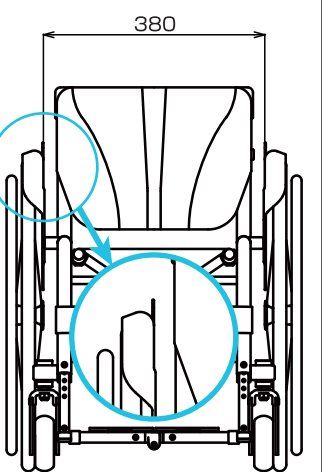




● **Swing Unit**
Swing out/swing in, removable.

Individual purchase order form available Made in Japan

※ For detailed specifications and options, please check the individual purchase order form.
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SEAT WIDTH About seat width

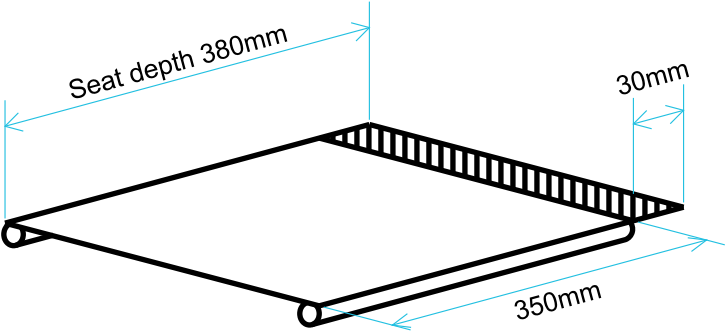
The seat width of the MP series current model (K-MAX / H-MAX / S-MAX / A-MAX / A-MAX swing) is based on the type of 3D resin molding side guards selected. In the figure below, the dimensions archived when changing the side plate of a base wheelchair with a width of 340 mm are described.

Side Guard Type			
3D resin molded side guard	Fabric made	Carbon plate	3D Carbon Fender
			
			
Standard			
*an example Arm pipe Inside 340 mm	Compared to the 3D resin molded side guard, the width of the seat is narrowed by about 20 mm at the place where the seat is narrowest.	Compared to the 3D resin molded side guard, the seat is widened by about 20mm at the place where the seat is narrowest. *The shape varies depending on the model.	Compared to the 3D resin molded side guard, the seat is widened by about 40mm at the place where the seat is narrowest. *This can only be installed on the S-MAX wave flat and H-MAX wave flat.
Back support hight: low type or high type can be selected.	When mounting back support, high type (370 mm ~ 450 mm) can not be selected.		

■ Seat width table

Seat width of 3D resin molded side guard	Cloth made	Carbon plate	3D Carbon Fender	Seat width of JAY EASY BACK
300	280	320	340	360
320	300	340	360	360
340 (Dimension)	320	360	380	360
360	340	380	400	360
380	360	400	420	360
400	380	420	440	410
420	400	440	460	410

SEAT About seat depth




The over all seat depth and seat sheet depth.

(Example) This figure shows the selection of 380 depth.

A space of 30mm is designed as part of the seat depth. The sheet is designed to be flexible and to smoothly open and close with the wheelchair.

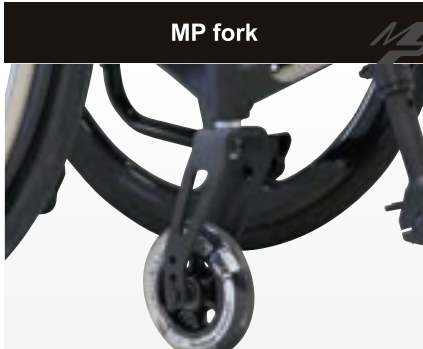
MP FEATURE Features of the MP series

Utilizing folding frame




X-Frame has further improved its single / double, with many achievements. We are also concerned about safety so the fixing method on the lower side of the frame is a through bolt. Even if the X frame is damaged, it is hard to fall apart.

MP fork



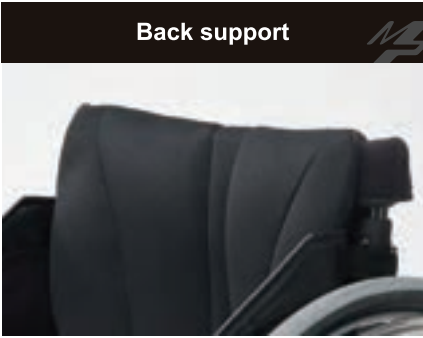
We renewed the mechanism and design to adopt the new MAX fork. By setting the inner dimension of the fork to be 45mm horizontal, wide casters can be mounted. In addition, the vertical adjustment of the caster regulates the front seat height. Also, by reviewing the amount of eccentricity on the rotating side, shimmy of the fork has been greatly reduced, and stable running performance has been realized.

3D caster system




Running straight is one of the basic performance of wheelchairs. However, the straightness deteriorates due to changes in the user's body shape, years of use, etc. We redesigned the smart caster system so that it can easily be modified. Caster bearings insertion is tapered with respect to the outside diameter. Adjusting the toe-in and toe-out is possible by rotating the caster case right and left inside the clamp.

Back support




We changed the back support pipe of the frame from the conventional curved shape to a straight shape. As a benefit of that, it is possible to allow the pusher's hand grip to be set in, even with the low type back. Furthermore it is easy to install a hard back. In addition, an optional inner pipe (for pusher's hand grip) can be bent backward by 5° and 10°.

Adjustable unit



We have adopted an adjustment system that has gained popularity in the current MAX series. The front and rear position of the axle can be easily adjusted in increments of 10mm. Also in S-MAX, the axle position was created for adjustment from -30mm to -70mm, and more emphasis was placed on "mobility".

Abundant frame colors



- Powder coat (powder paint) 44 colors
- Color aluminited : 8 colors can be selected

We changed the back support pipe of the frame from the conventional curved shape to a straight shape. As a benefit of that, it is possible to allow the pusher's hand grip to be set in, even with the low type back. Furthermore it is easy to install a hard back. In addition, an optional inner pipe (for pusher's hand grip) can be bent backward by 5° and 10°.

※Back seat hight: high type only

We have adopted an adjustment system that has gained popularity in the current MAX series. The front and rear position of the axle can be easily adjusted in increments of 10mm. Also in S-MAX, the axle position was created for adjustment from -30mm to -70mm, and more emphasis was placed on "mobility".

- Powder coat (powder paint) 44 colors
- Color aluminited : 8 colors can be selected

DT SERIES

挑戦

What is my full potential?
I can't help but think "That's all I can do" and close doors to opportunities.
But there's also an athlete deep within, ready to take on any challenges towards a new me.

Maximum Performance
This is what we aspire for our wheelchairs.
We walk hand-in-hand with athletes, unleashing their maximum potential.
An ever-evolving wheelchair manufacturer -
This is what we aspire for us.



LINE UP SPORTS

NEW

B-MAX DT

Wheelchair Basketball

Basketball

The main frame consists of 50Φ diameter pipes.
We updated the wheelchair bearings from a welded to clamp-mounted type.

This model is designed for high frame rigidity while maintaining the flexibility of a semi-rigid frame. Curved with a flexibility unique to semi-rigid frames, it allows you to enjoy turning at top speeds.

TYPE
DT

DT 1 SEMI-RIGID 1/2 AXLE

DT 2 1/2 AXLE WHEELLESS

TYPE
DTR

DT 1R SEMI-RIGID 5/8 AXLE

DT 2R DT 2R 5/8 AXLE WHEELLESS



B-MAX DT1R

Individual purchase order form available Made in Japan

※ For detailed specifications and options, please check the individual purchase order form.
※ Specifications may change due to product improvement or quality improvement.

NEW

B-MAX DTX

Wheelchair Basketball

Basketball

The main frame consists of pipes of 50Φ diameter. We updated the wheelchair bearings from a welded to clamp-mounted type.

This model is of a lightweight design due to the fixed frame. Select between a 1/2 shaft for a more lightweight finish, or a 5/8 shaft for a more rigid finish.



B-MAX DTX1

TYPE
DTX

DTX 1 DT 1 FIXED 1/2 AXLE

DTX 2 DT 2 1/2 AXLE WHEELLESS

TYPE
DTXR

DTX 1R DT 1R FIXED 5/8 AXLE

DTX 2R DT 2R 5/8 AXLE WHEELLESS

Individual purchase order form available Made in Japan

※ For detailed specifications and options, please check the individual purchase order form.
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B-MAX TK

Wheelchair Basketball
Basketball

When Flexibility Delivers High Turning Performance and Maneuverability

B-MAX TK: Our Semi-Adjustable Model with Separable Upper-Lower Structure

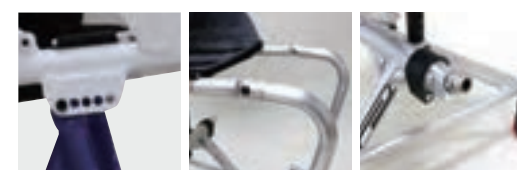
The fore-aft axle position, foot supports, and external wheel dimensions are all adjustable. This model can be customised to find an optimal position meeting the user's physical needs, delivering a superior user-friendly experience.

B-MAX TK

Spinergy Standard / wheelless

Individual purchase order form available Made in Japan

※ For detailed specifications and options, please check the individual purchase order form.
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TK POINT

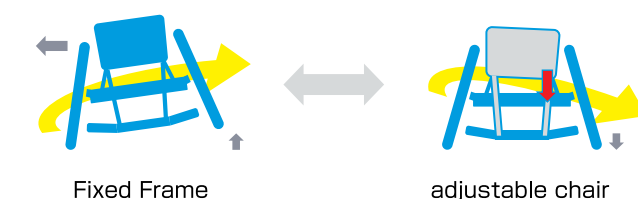


01 Separable Upper-Lower Structure

02 Foot support position

03 Center of gravity

04 Out / Inward rear wheels



The subtle flexibility of the frame boosts tire traction for tight cornering and precise turns. This model is recommended for low-pointers with turning-centric playing styles.



Ratchet Belt for sports wheelchair

Your body is fixed by this strap.



Wrist band

B-MAX AJ

Wheelchair Basketball
Basketball

Total Adjustability: Find Your Optimal Position

B-MAX AJ: Our Full-Adjustable Model

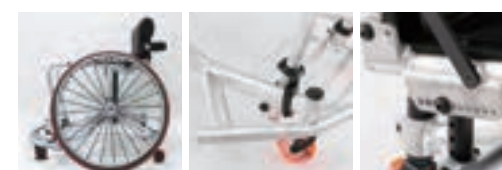
The front seat-to-floor height, rear seat-to-floor height, backrest frame angle, and the axle position are fully adjustable. This model is recommended for users still in search of their optimal position. Ideal for all users from novices to experienced players, or for use by club teams and facilities.

B-MAX AJ

Spinergy Standard / wheelless

Individual purchase order form available Made in Japan

※ For detailed specifications and options, please check the individual purchase order form.
※ Specifications may change due to product improvement or quality improvement.



AJ POINT



01 Rear seat height

02 Seat angle

03 Backrest angle

04 Backrest height

05 Foot support position

06 Center of gravity

07 Out / Inward rear wheels

08 Rear caster height

Matsunaga is the official suppliers for British Wheelchair Basketball and Japan Wheelchair Basketball Federation.

LINE UP SPORTS

T-MAX

Wheelchair Tennis



Tennis

T-MAX - A First Choice for World Athletes!
Unleash Your Full Potential Out on the Court!

T-MAX TK T-MAX ADJUST

Spinergy Standard / wheelless



Y-MAX

Wheelchair Softball



Softball

This model is equipped with tires and casters suitable for outdoor use on asphalt. The framework is designed for both defence- and batting-related movements to unleash your maximum potential.

Y-MAX ADJUST

Spinergy Standard / wheelless



F-MAX

Wheelchair Fencing



Fencing

The wheelchairs are fastened in place in wheelchair fencing.

This model supports rigorous upper body movement unique to fencing, such as reaching forward to attack and pulling back to defend. The arm supports can be adjusted for an optimal fit.

F-MAX

Spinergy Standard



U-MAX

Wheelchair Badminton



Badminton

JPBF OFFICIAL SUPPLIER

Ukyu (Badminton in Japanese) ➔ **U-MAX!**

Athlete feedback is actively incorporated into our U-Max model. Equipped with our company's specialty of adjustable systems and detailed settings, this model is also designed for the back-and-forth movements unique to badminton. Just one ride, and you will feel the difference!

U-MAX TK U-MAX ADJUST

Spinergy Standard / wheelless



Matsunaga is the official supplier for Japan Para Badminton Federation.

TRY-PO

Club sports

Try-Po, Short for Try Sports: An Entry-Level Model for Beginner Athletes!

The frame colour comes in MP white, MP red, MP yellow, MP blue, or MP black. Please refer to the colour sample page. Ideal for wheelchair basketball, wheelchair tennis, and more.

TRY-PO TRY-PO KIDS

Spinergy (RED) Standard



Easier to participate Para-Sports
This product is designed to make it easy and safe for everyone to play in affordable price.
There are only 2 size (seat width 34cm / 37cm) then can adjust some measurements than TRY-PO.

TRY-PO AJ

25 inch : Lenco steel spoke standard
26 inch : Spinergy standard



BODY COLOR

MP BODY COLOR MP DEDICATED COLOR Standard color 8 colors / Special color 33 colors



You can check the frame color from these QR codes.

Standard color (Powder coating)



MP01 / WHITE



MP02 / BLACK



MP03 / RED



MP04 / YELLOW



MP05 / PINK



MP06 / BLUE



MP07 / LIME GREEN



MP08 / DARK METALLIC SILVER

Special color A (Powder coating)



MP09 / MUD WHITE



MP10 / MUD BLACK



MP11 / MUD SILVER



MP12 / MUD RED



MP13 / MUD YELLOW



MP14 / MUD PINK



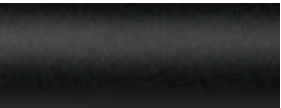
MP15 / MUD BLUE



MP16 / MUD COYOTE BROWN

Matte black may appear slightly bluish in direct sunlight.

Special color B (Powder coating)



MP17 / GRAINY BLACK

If Fine Tex Black is selected, MP stickers will not be available.

Special color C (Powder coating)



MP18 / COPPER GLITTER



MP19 / ORANGE GLITTER



MP20 / RED GLITTER



MP21 / BLUE GLITTER



MP22 / SKY BLUE GLITTER



MP23 / GREEN GLITTER



MP24 / SILVER GLITTER



MP25 / LIME GLITTER

Special color D (Powder coating)



MP26 / PEARL WHITE



MP27 / RASPBERRY CANDY



MP28 / RED CANDY



MP29 / BLUE CANDY



MP30 / TEAL CANDY



MP31 / COPPER CANDY



MP32 / RED FLAKE



MP33 / LIGHT BLUE FLAKE

■ Powder coat (powder coating)

Excellent adhesion, high texture and durability, it is adopted for some luxury European cars. Also, unlike liquid painting, it has reduced harmful substances, therefore it is a paint that is friendly to humans and the environment.

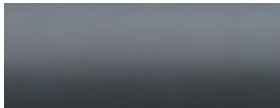
Satin Alumite Some color unevenness will occur depending on the particular parts anodized.



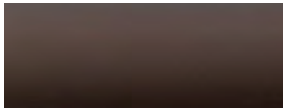
S01 / SATIN BLACK



S02 / SATIN SILVER



S03 / SATIN GRAY



S04 / SATIN BROWN



S05 / SATIN RED



S06 / SATIN BLUE



S07 / SATIN GOLD



S08 / SATIN PURPLE

■ Alumite (anodizing treatment)

It is a surface treatment that artificially produces an oxide film (oxide of aluminum) by electrolytically treating aluminum with an anode (+ pole).

※It differs from the actual color due to printing on paper. Please refer to the color sample.
※If you choose to order other Matsunaga colors, it will be a separate estimate. (All models)

OPTION &
PARTS LIST

SPOKE WHEEL

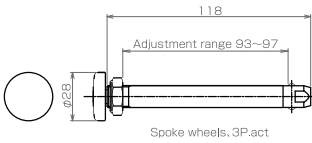


28 spoke black wheels as standard equipment. We chose a wheel which is easy to match with various frame colors.

22 inch (detachable)
No.W-5 Black

24 inch (detachable)
No.W-6 Black

QUICK RELEASE SHAFT



Old type carbon wheel

The length of the quick release shaft is different from the old type carbon wheels. Please be aware.

3P.ACT Three Spoke.Active Carbon Wheel



Dynamically optimized design arrangement of the carbon fiber structure with wall sickness to accommodate sporty high pressure WO tires and weights comparable to wire wheels.

High precision & glamorous body created by advanced internal pressure molding technology that minimizes the voids that are common during general molding, making it possible to ensure light weight and reliability strength.

High elastic carbon fiber is used for the spoke part. The peripheral part is made of high strength T700 carbon fiber originally pre-preged with special epoxy resin. We also used 3K carbon cloth to protect the carbon structure. In addition, we applied a nice coating of 300 to 400 micron PU paint, creating a finish with the finest glossy texture.

3P.act

22 inch
No.W-1 Black

24 inch
No.W-3 Black

SPINERGY LXL SPINERGY Lite Extreme Lite



The comparable weight of wire wheel spokes for sporty wheels were mainstream metal such as stainless steel, but SPINERGY is the world's first manufacturer to introduce fiber spokes.

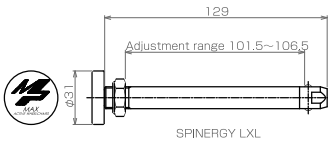
The synthetic fiber used: Zylon, has the highest level of tensile strength and modulus among organic fibers so that it is adopted for bulletproof vests. It has excellent qualities of vibration absorption as well as strength required for spokes.

SPINERGY

24 inch
No.W-7BLL Black

No.W-7WL White

No.W-7RL Red



※When fitted with the SPINERGY wheel, the gap between the frame and the tire is greater compared to spoke wheel.

TIRES

Product Name	SIZE · INCH	COLOR				
IRC EXERACER	25-501 22 inch OD(560mm) ※Outside Diameter(OD)	 GRAY No.T-2G	 BLACK No.T-2BL			
	25-540 24 inch OD(595mm)	 GRAY No.T-3G	 RED No.T-3R	 YELLOW No.T-3Y	 BLUE No.T-3B	 BLACK No.T-3BL
IRC EXERACER CROSS	32-540 24 inch OD(610mm)	 GRAY No.T-4G				
V-TRAK PRIMO	25-501 22 inch OD(560mm)	 GRAY No.T-5G	 RED No.T-5R	 YELLOW No.T-5Y		
	25-540 24 inch OD(595mm)	 GRAY No.T-6G	 RED No.T-6R	 YELLOW No.T-6Y	 BLUE No.T-6B	

Rich tire variations that can respond to any situation. Selection according to different purposes is possible.

PUSHRIMS Hand Rim, Oval Eight 24inch



The shape of the hand rim is considered important for fit and drive efficiency. As a result of repeatedly verifying the contact area of the palm and the gripping and releasing movements, the MP original shape with the oval cross section tilted by 8 degrees was obtained. Please try our new sense of fit.

No.H-4

PUSHRIMS

※Hand rim spacing 5mm・10mm・15mm・20mm・25mm



Aluminum made (black)

No.H-1



Vinyl coated aluminum

No.H-2



Titanium made

No.H-3



Anti-slip cover

No.H-5

Anti-slip cover that can be attached as retro fit.

OPTION &
PARTS LIST

CAMBER Camber 2°



No.A-1

※Not optional for: A-MAX
and A-MAX Swing.

SHAFT Axle 0



※For H-MAX, S-MAX only
※When selecting the axle 0,
camber 2° can not be used.

CASTER WHEELS



4 inch resin core
105mm
No.C-R2



5 inch resin core
125mm
No.C-R3



4 inch PUW caster
105mm
No.C-P1



5 inch PUW caster
125mm
No.C-P2



6 inch PUW caster
150mm
No.C-P3

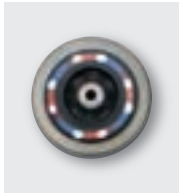
※These are exclusive for
A-MAX, A-MAX Swing.



4 inch soft roll
No.C-Y1



5 inch soft roll
No.C-Y2



4 inch lightning
105mm
No.C-L1

Designed with the aim of
increased visibility from
all directions.



6 inch Super caster
148mm
No.C-S3

※These are exclusive options only for
A-MAX, A-MAX Swing.

CASTER FORKS



MP FORK
No.F-M



Frog Legs Wide fork
No.F-4

※For compatibility, please check the specification table
for each model. (See P.37 - 44)
※Only 4 inch soft roll caster wheel can be installed.

Shock absorber built-in front fork.
Compared to the conventional rigid type front fork, shock and
vibration are greatly reduced.
It also reduces the physical strain on the user's body.

BRAKESTAYS



Upper Stay

No.BS-1



Lower Stay

No.BS-2

BRAKES



Scissor
brake

Upper only

No.B-Z1



M-tackle

50mm

No.B-M1

75mm

No.B-M2

100mm

No.B-M3

The stroke is
short and the
tire lock is sure.
It also reduces rattling.



FB-tackle

100mm

No.B-F1

Newly designed brake that can
be applied either forward or
backward. (Cover : black)



FB tackle brake
exclusive extension
bar

50mm

No.B-31

100mm

No.B-32

150mm

No.B-33



FB tackle (100mm)

FB tackle dual operation caliper brake

It has a special grip for assistance and either a fall prevention or a tipping bar.

A set

No.TB-1

- FB tackle dual operation caliper brake
- Pushing handle
- Fall prevention tool

B set

No.TB-2

- FB tackle dual operation caliper brake
- Pushing handle
- Tipping bar

Corresponding models : K-MAX · H-MAX · S-MAX ·
A-MAX · A-MAX Swing

Corresponding models : S-MAX · A-MAX · A-MAX Swing



Pushing handle



Fall prevention tool



Tipping bar

S-MAX

A-MAX, A-MAX Swing

FOOT BRAKES



S-MAX, A-MAX, A-MAX Swing
Dedicated foot brake

No.UB-1

※Can not be installed on H-MAX.
※In the case of fall prevention part
installed with foot brake, the clearance
may become narrow.

FOOT PIPE



Foot pipe open type
A-MAX Swing special feature

Foot length is adjustable in the range
of 230mm ~ 300mm.

OPTION &
PARTS LIST

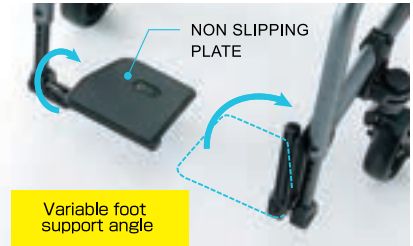
FOOT SUPPORT

K-MAX . H-MAX . S-MAX . A-MAX . A-MAX SWING



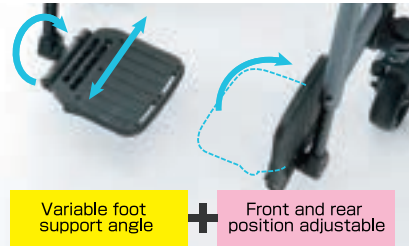
T.S.S IV
No.FP-1

T.S.S IV which evolved from T.S.S III is released! The popular variable foot support angle mechanism was maintained while realizing weight savings. Furthermore, the upper surface was changed to a material that is less slippery. It's a long lasting design.



Separate foot support
No.FP-2

Independent type foot support plate. Like T.S.S, by providing variable foot support angle mechanism as standard, it provides the optimum step angle. This suppresses convulsions/spasms.



Adjustment foot support
No.FP-3

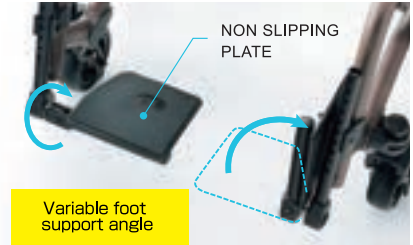
This design is ideal for those for whom the other separate foot step doesn't work. There is a sense of security when the step width is wide.

※Modification (cutting) depends on the seat width.



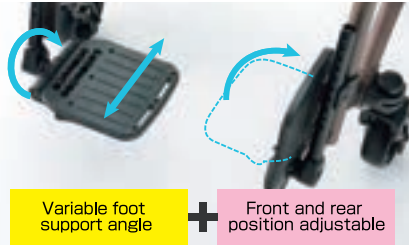
Pipe joint foot support
No.FP-4

It is about 65g lighter than T.S.S IV.



High Mount Separate Foot Support
No.FP-5

You can shorten the foot support length.
※Adjustable foot length 200mm ~ 300mm.



High Mount Adjustment Foot Support
No.FP-6

This design is ideal for those for whom the other separate foot step doesn't work. There is a sense of security when the step width is wide. You can shorten the foot support length.

※Modification (cutting) depends on the seat width.

GRIP

H-MAX . S-MAX . A-MAX . A-MAX SWING

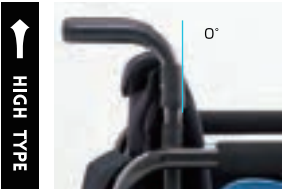


Low type R

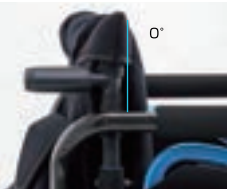


Low type right angle

※Low type 300~380 10cm pitch



High Type R Vertical



High Type Right Angle Vertical

※High type 370~450 10cm pitch



High Type R 5°bending



High Type Right Angle 5°bending

※When selecting a high type grip, carbon side plate, cloth side plate and 3D carbon fender can not be mounted.



High Type R 10°bending



High Type Right Angle 10°bending

ARM SUPPORT

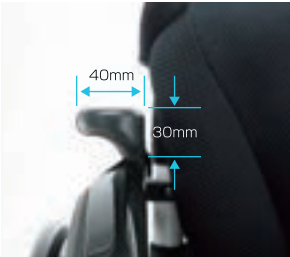


MATSUNAGA ORIGINAL ARM SUPPORT

3D CARBON ARM SUPPORT

Fixed type
No.7

Flip-up type
No.8



Besides the carbon body which makes both strength and light weight compatible, we newly incorporated elastomer tube to improve wear resistance. The arm support fixing part was a new shape to prevent backlash. The grip part is a flat shape, improving usability.

STRAIGHT ARM SUPPORT



ALUMINUM ARM SUPPORT

Fixed type
No.5

Flip-up type
No.6



ARM SUPPORT protective cover

Unmounted for shipment
No.1

Mounted for shipment
No.2

※Can not be installed with side guard.
※If shipped unmounted, you must install by yourself.

OPTION PARTS



Reclining back

No.1

※ Back support height can not be adjusted.
※ Back support height of 340mm or less can not be selected.
※ Back support low type can not be selected for these models: H - MAX, S - MAX, A - MAX, A - MAX Swing.



Door roller

No.1

With the rotating roller attached to the foot support end, it is possible to open and close doors with out damage.

※Can not be installed on Adjust foot support



Stick holder

No.1

K-MAX, H-MAX, S-MAX, A-MAX, A-MAX Swing

※ If you are selecting a fall prevention bar or tipping bar, a stick holder will take additional cost.



Deluxe back support cushion

No.1



Fall prevention bar

No.1

It can be folded in when not in use. K-MAX, H-MAX, S-MAX, A-MAX, A-MAX Swing

※The picture is of an A-MAX.
※There is a left and right set.



Tipping bar

No.1

If you choose fall prevention bar, the tipping bar can not be selected also. S-MAX, A-MAX, A-MAX Swing

※Can not be installed on H-Max.

OPTION &
PARTS LIST



STRETCH BELT

80mm Width **No.1**

120mm Width **No.2**

※Total 1500mm

Wide elastic belt. Assistance for maintaining posture and has various uses.



STRETCH LEG COVER

No.1

This cover protects the frame of the wheelchair. It will also help grip when pushing up.



NONSLIP NET

No.1

300mm~360mm Width
380mm~420mm Width



CATHETER POCKET

No.1

50mm × 60mm × 380mm
※This item will be discontinued when it is sold out.



PLUS POCKET

No.1

※It is smaller than the standard pocket.
※Can be attached by Velcro/hook-and-loop.



POCKET
sewn on to the seat back.

VELCRO TAPE **No.1**

ZIPPER **No.2**



DRINK HOLDER

No.1

This drink holder can be attached to a foot support pipe.



Smart phone case II

No.1

H 176mm X 80mm X 30mm

It is possible that you put big smart phone into the case. It is easy to put case on the foot pipe.

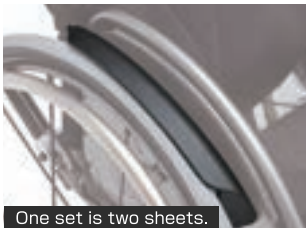


FRONT CARRY

No.1

This carrier is telescopic and convenient for luggage.

(It's rated for a 10 kg load when using both arms)
※It can be mounted on a Φ18 mm, Φ20 mm, Φ22 mm, Φ25 mm pipe.



One set is two sheets.

FIN GUARD

No.1

Can not be installed on fabric side guard.
Mounts with Velcro/hook-and-loop.

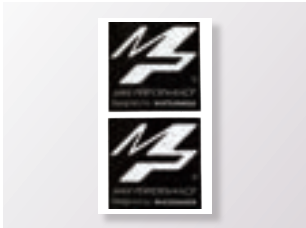


MUDGUARD

No.1

S-MAX, A-MAX, A-MAX Swing

※Adjustment range and setting dimensions may be limited.
※May not match with 3D carbon arm support or aluminum arm support.



STICKER MP ①

No.1

2 sticker set

SIZE 50mm×50mm



MP wheel bag

No.1



Mobile Electronic Air pump

No.1



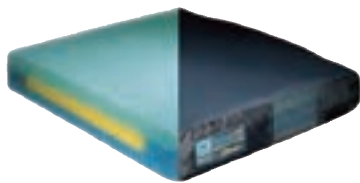
The above price for this part is only valid when purchasing a new chair.
Please contact us to purchase this part by itself.

CUSHIONS Asian Countries Limited Sales

Stimulite® series cushions

Adjustment-free polyurethane preventive cushion for pressure ulcers that has long been endorsed in the United States and Europe. The porous honeycomb structure cushion effectively distributes the seat pressure while releasing moisture. Also, because the sitting position is made stable, it will maintain support for a long time. Since it is machine wash(drum type only) and dry-able, it can be used for a long time. Some cushions are approved by the Ministry of Health, Labor and Welfareas "seating position system completed parts".

Classic



Flat type cushion for people with a high risk of pressure ulcers and relatively stable sitting positions. Seating position system completed parts.

3 layer structure. Height:7cm
Weight: Approximately:1.5kg
Weight limit:110kg

Size	Width x Depth	Product number
14"x16"	(36x41cm)	CL1416
16"x16"	(41x41cm)	CL1616

Contoured

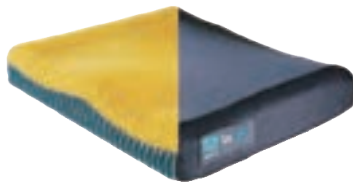


For those who need high level pressure control. It has a firm contoured shape and is excellent in maintaining a sitting position. Seating position system completed parts.

3 layer structure. Height:8~10cm
Weight: Approximately:2kg
Weight limit:130kg

Size	Width x Depth	Product number
14"x16"	(36x41cm)	CD1416
16"x16"	(41x41cm)	CD1616

Slimline

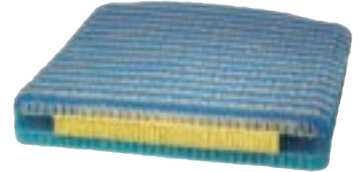


For those who need high level pressure control. Cushion for active users with relatively low ulcer risk. Gentle contoured shape. Seating position system completed parts.

2 layer structure. Height:6cm
Weight: Approximately:1.5kg
Weight limit:120kg

Size	Width x Depth	Product number
14"x16"	(36x41cm)	SM1416
16"x16"	(41x41cm)	SM1616

Classic XS



Classic extra sensitive model. It has a soft surface layer and is ideal for sensitive skin as well as those seeking soft sitting comfort.

3 layer structure. Height:7cm
Weight: Approximately:1.5kg
Weight limit:110kg

Size	Width x Depth	Product number
14"x16"	(36x41cm)	CL1416X
16"x16"	(41x41cm)	CL1616X

※The above 6 types of cushions are also available in larger size. Please contact us for more information.

Contoured XS

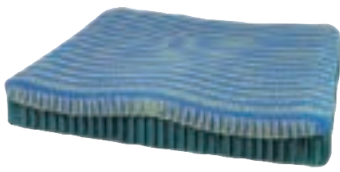


Contoured extra sensitive model. It has a soft surface layer and is ideal for sensitive skin as well as those seeking soft sitting comfort.

3 layer structure. Height:8~10cm
Weight: Approximately:2kg
Weight limit:120kg

Size	Width x Depth	Product number
14"x16"	(36x41cm)	CD1416X
16"x16"	(41x41cm)	CD1616X

Slimline XS

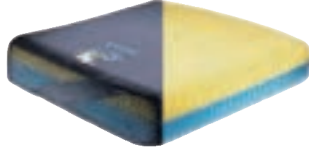


Slimline extra sensitive model. It has a soft surface layer and is ideal for sensitive skin as well as those seeking soft sitting comfort.

2 layer structure. Height:7cm
Weight: Approximately:1.5kg
Weight limit:110kg

Size	Width x Depth	Product number
14"x16"	(36x41cm)	SM1416X
16"x16"	(41x41cm)	SM1616X

Corbee



Recommended cushion for children and light weight people. Seating position system completed parts.

2 layer structure. Height:5cm
Weight: Approximately:0.5kg
Weight limit:70kg

Size	Width x Depth	Product number
10"x10"	(25x25cm)	PD1010
12"x12"	(30x30cm)	PD1212
14"x14"	(36x36cm)	PD1414

Contoured



Contoured cushion to protect children from pressure ulcers. It is the softest surface layer in the Stimulite® series. Seating position system completed parts.

2 layer structure. Height:5cm
Weight: Approximately:0.5kg
Weight limit:60kg

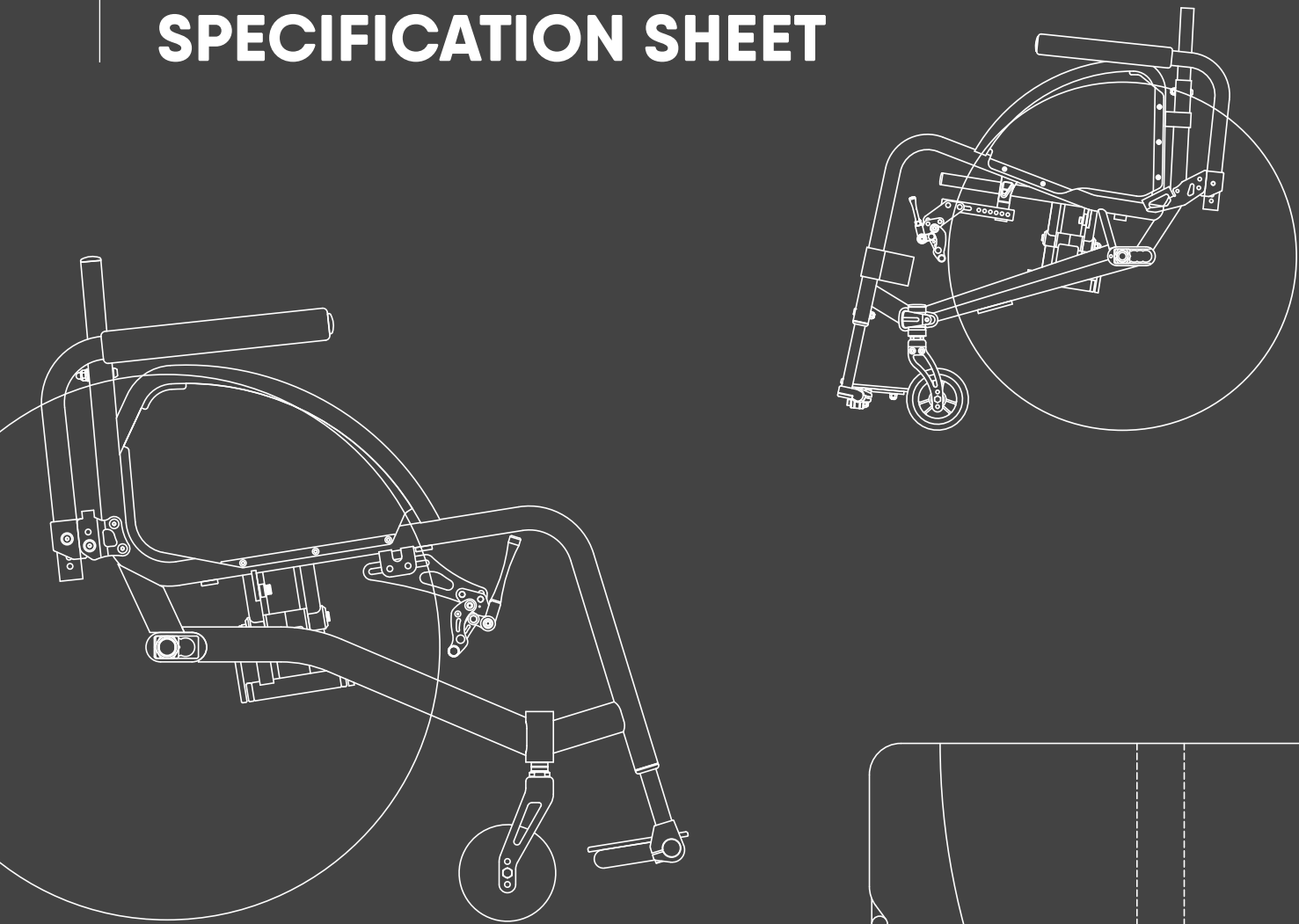
Size	Width x Depth	Product number
10"x10"	(25x25cm)	PD1010
12"x12"	(30x30cm)	PD1212
14"x14"	(36x36cm)	PD1414



Ulcer prevention cushion made in California

Stimulite® series cushions are all manufactured at Supracor® in California. Polyurethane material of special honeycomb structure has been highly evaluated for its safety and functionality. It is widely adopted for seats on Boeing's passenger aircraft.

SPECIFICATION SHEET



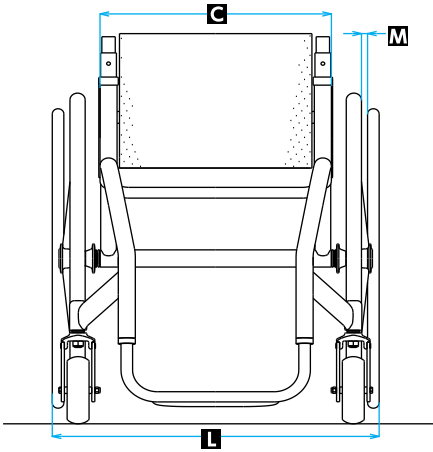
si:b

Specification data (unit : mm)

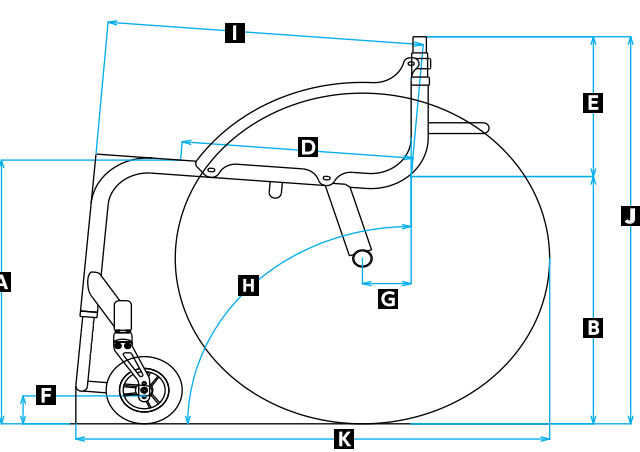
A Front seat height		B Rear seat height												
		380	390	400	410	420	430	440	450	460	470	480	490	500
400	4"・5"	○*1	○*1	○*1										
410	4"・5"	○*1	○*1	○*1	○*1									
420	4"・5"	○*1	○*1	○*1	○*1	○*1								
430	4"・5"	○	○	○	○	○	○							
440	4"・5"	○	○	○	○	○	○	○						
450	4"・5"	○	○	○	○	○	○	○	○					
460	4"・5"		○	○	○	○	○	○	○	○				
470	4"・5"			○	○	○	○	○	○	○	○			
480	4"・5"				○	○	○	○	○	○	○	○		
490	4"・5"					○	○	○	○	○	○	○	○	
500	4"・5"						○	○	○	○	○	○	○	○
510	4"・5"							○	○	○	○	○	○	○
520	4"・5"								○	○	○	○	○	○
530	4"・5"									○	○	○	○	○
540	4"・5"											○	○	○
550	4"・5"											○	○	○
C	Seat width					300, 310, 320, 330, 340, 350, 360, 370, 380, 390, 400								
D	Seat depth					340, 350, 360, 370, 380, 390, 400, 410, 420								
E	Height of back support					240, 250, 260, 270, 280, 290, 300, 310, 320, 330, 340, 350, 360, 370, 380								
F	Length of foot support					30, 40, 50, 60, 70, 80, 90, 100, 110 (from the ground)								
G	Axle position					50, 60, 70, 80, 90, 100								
H	Angle of back support					90° (from the ground)								
I	Frame length					S: 520, M: 560, L: 600								
J	Total height *2					720								
K	Total length *2					778								
L	Total width *2					537								
M	Gap of handrim					5, 10, 15, 20, 25								
	Mass *2					9.0kg								
	Camber					0 degrees, 2 degrees								

*1: The front foot taper cannot be selected.
*2: The value is calculated according to the following spec.
Front seat height 490
Rear seat height 460
Seat width 380
Height of back support 260
Foot support height 50
25-inch Spinergy LXL wheel /
5-inch PUW castor /
Axle position: 80 mm

Front view



Side view



E-MAX

Specification data (unit : mm)

A Front seat height	B Back seat height										
	24 inch · 25 inch										
	360	370	380	390	400	410	420	430	440	450	460
400	<input type="checkbox"/> ※1	<input type="checkbox"/> ※1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	-	-	-	-	-
410	<input type="checkbox"/> ※1	<input type="checkbox"/> ※1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	-	-	-	-
420	<input type="checkbox"/> ※1	<input type="checkbox"/> ※1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	-	-	-
430	<input type="checkbox"/> ※1	<input type="checkbox"/> ※1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	-	-
440	-	<input type="checkbox"/> ※1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	-
450	-	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-
460	-	-	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
470	-	-	-	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
480	-	-	-	-	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
490	-	-	-	-	-	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
500	-	-	-	-	-	-	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

C Seat width

340~420mm (20pitch)

D Seat depth

340~420mm (20pitch)

E Back support height

Frame with excepting 3D resin molded side guard 300~380mm (10pitch)
Frame with 3D resin molded side guard 300~380mm (10pitch)

I Back support angle

90°~100° (1°pitch) From floor

O Foot support height

45~120mm (15pitch) From floor

G Axle position

30~100mm (10pitch)

Straight arm support height

Made of 3D carbon 250~290 (10pitch)
Made of aluminium 260~290 (10pitch)

R Length between Caster and front foot support

85 · 90 · 95 · 100 · 105 · 110 (5pitch)

Q Leg angle

80° · 85° · 90° (5°pitch)

P Caster position

450~530mm (10pitch)

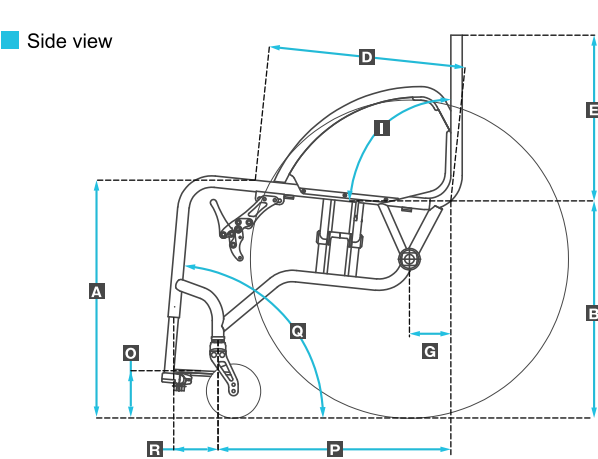
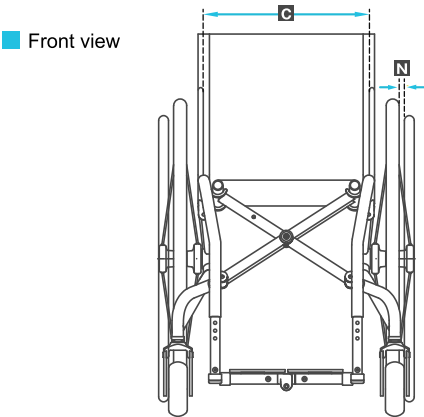
N Hand rim spacing

☐5 ☐10 ☐15 ☐20 ☐25

CAMBER

2° selectable

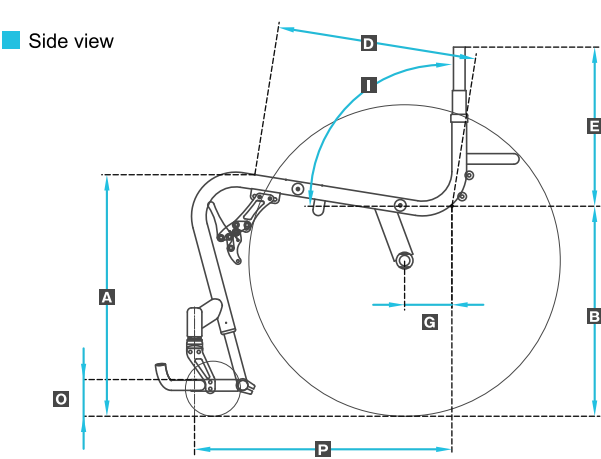
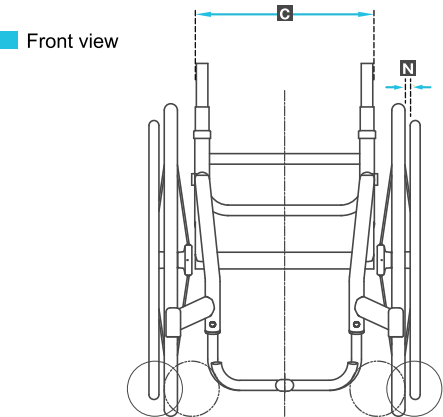
※1 Only 24 inch wheels



C-MAX

Specification data (unit : mm)

A Front seat height		B Back seat height																			
		24 inch										25 inch									
		360	370	380	390	400	410	420	430	440	450	460	380	390	400	410	420	430	440	450	460
400	4inch	<input type="checkbox"/> ※1	<input type="checkbox"/> ※1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	-	-	-	-	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	-	-	-	-	-
410	4inch	<input type="checkbox"/> ※1	<input type="checkbox"/> ※1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	-	-	-	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	-	-	-	-
420	4inch	<input type="checkbox"/> ※1	<input type="checkbox"/> ※1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	-	-	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	-	-	-
430	4inch	<input type="checkbox"/> ※1	<input type="checkbox"/> ※1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	-	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	-	-
440	4inch	-	<input type="checkbox"/> ※1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	-
450	4inch	-	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-
460	4inch	-	-	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
470	4inch	-	-	-	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
480	4inch	-	-	-	-	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	-	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
490	4inch	-	-	-	-	-	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	-	-	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
500	4inch	-	-	-	-	-	-	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	-	-	-	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C Seat width		<input type="checkbox"/> 300 <input type="checkbox"/> 320 <input type="checkbox"/> 340 <input type="checkbox"/> 360 <input type="checkbox"/> 380 <input type="checkbox"/> 400 <input type="checkbox"/> 420										※1 Only 24 inch wheels									
D Seat depth		<input type="checkbox"/> 340 <input type="checkbox"/> 360 <input type="checkbox"/> 380 <input type="checkbox"/> 400 <input type="checkbox"/> 420																			
E Back support height		<input type="checkbox"/> 300 <input type="checkbox"/> 320 <input type="checkbox"/> 340 <input type="checkbox"/> 360 <input type="checkbox"/> 380																			
O Foot support height		<input type="checkbox"/> 45 <input type="checkbox"/> 60 <input type="checkbox"/> 75 <input type="checkbox"/> 90 <input type="checkbox"/> 105 <input type="checkbox"/> 120 (15pitch) From floor																			
G Axle position		<input type="checkbox"/> 30 <input type="checkbox"/> 40 <input type="checkbox"/> 50 <input type="checkbox"/> 60 <input type="checkbox"/> 70 <input type="checkbox"/> 80 <input type="checkbox"/> 90 <input type="checkbox"/> 100																			
Straight arm support height		Made of 3D carbon 250~290 (10pitch) Made of aluminium 260~290 (10pitch)																			
I Back support angle		<input type="checkbox"/> 90° <input type="checkbox"/> 91° <input type="checkbox"/> 92° <input type="checkbox"/> 93° <input type="checkbox"/> 94° <input type="checkbox"/> 95° <input type="checkbox"/> 96° <input type="checkbox"/> 97° <input type="checkbox"/> 98° <input type="checkbox"/> 99° <input type="checkbox"/> 100° From floor																			
P Caster position		<input type="checkbox"/> 450 <input type="checkbox"/> 460 <input type="checkbox"/> 470 <input type="checkbox"/> 480 <input type="checkbox"/> 490 <input type="checkbox"/> 500 <input type="checkbox"/> 510 <input type="checkbox"/> 520 <input type="checkbox"/> 530																			
N Hand rim spacing		<input type="checkbox"/> 5 <input type="checkbox"/> 10 <input type="checkbox"/> 15 <input type="checkbox"/> 20 <input type="checkbox"/> 25																			
CAMBER		2° selectable																			



K-MAX MINAMO FRAME

Specification data (unit : mm)

A Front seat height ※4		B Back seat height					
		24 inch			22 inch		
		380	400	420	360	380	400
FRAME SIZE		Short / Long					
390	4 inch (Caster wheel)	-	-	-	□	-	-
	5 inch (Caster wheel)	-	-	-	□※6	-	-
	Frog Legs (Caster fork)	-	-	-	□	-	-
410	4 inch	□	-	-	-	□	-
	5 inch	□	-	-	-	□※6	-
	Frog Legs	□	-	-	-	□	-
420	4 inch	-	-	-	□	-	-
	5 inch	-	-	-	□※6	-	-
	Frog Legs	-	-	-	□	-	-
430	4 inch	-	□	-	-	-	□
	5 inch	-	□	-	-	-	□※6
	Frog Legs	-	□	-	-	-	□
440	4 inch	□	-	-	-	□	-
	5 inch	□	-	-	-	□※6	-
	Frog Legs	□	-	-	-	□	-
450	4 inch	-	-	□	-	-	-
	5 inch	-	-	□	-	-	-
	Frog Legs	-	-	□	-	-	-
460	4 inch	-	□	-	-	-	□
	5 inch	-	□	-	-	-	□※6
	Frog Legs	-	□	-	-	-	□
480	4 inch	-	-	□	-	-	-
	5 inch	-	-	□	-	-	-
	Frog Legs	-	-	□	-	-	-
C Seat width		□300 □320 □340 □360 □380 □400					
D Seat depth		□340 □360 □380 □400 Seat depth 400mm is set for long frame only.					
E Back support height		□320 □330 □340 □350 □360 □370 □380 □390 □400					
F Foot support length ※1※5		□330 □345 □360 □375 □390 □405					
G Axle position		Stable type (20 to 40 adjustable) □20 □30 □40					
		Light weight type (20 to 40 adjustable) □40 □50 □60					
H Straight arm support height ※2		3D carbon arm support 250~290 (10pitch)					
		Aluminium arm support 260~290 (10pitch)					
I Back support angle		86°					
J Frame length		Long frame 492mm Short frame 452mm					
K Total height ※3		723mm					
L Full length ※3		Long 863 Short 825					
M Full width ※3		513mm					
N Hand rim spacing		5•10•15•20•25					
Camber		2° selectable					
Weight ※3		9.5kg					
Load bearing capacity		75kg					

※1 There is a condition in which the length can not be guaranteed due to the front seat height.

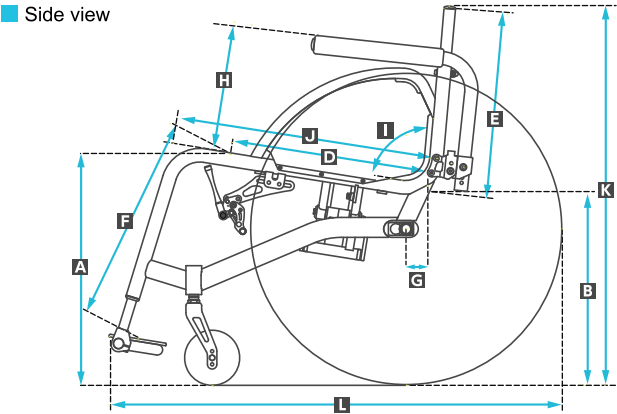
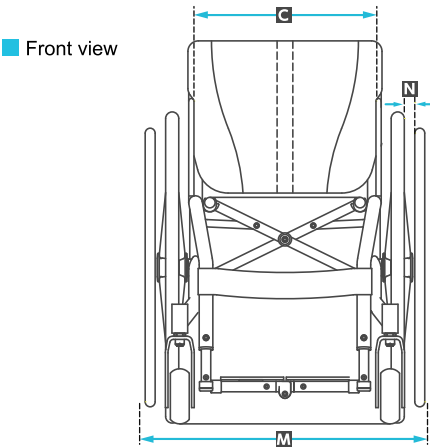
※2 It may not be possible to set due to the wheel size and the back seat height.

※3 Calculated based on the following specifications.
Long frame
Front seat height 440
Back seat height 380
Seat width 340
Back support height 340
Foot support length 375
24 SPINERGY LXL WHEEL
4inches LIGHTNING CASTER
Axle position 40mm
Hand rim aluminum spacing 10mm
Foot support TSS4

※4 Seat depth 380mm settings.
Depending on the seat depth setting, the size may change by about 5mm.

※5 Depending on seat depth and the selection parts of foot support, dimensions may vary by about 5mm.

※6 5inch resin core can not be installed.



Suai II

Specification data (unit : mm)

A Front seat height ※4		B Back seat height					
		24 inch			22 inch		
		380	400	420	360	380	400
FRAME SIZE		Short / Long					
390	4 inch (Caster wheel)	-	-	-	□	-	-
	5 inch (Caster wheel)	-	-	-	□※6	-	-
	Frog Legs (Caster fork)	-	-	-	□	-	-
410	4 inch	□	-	-	-	□	-
	5 inch	□	-	-	-	□※6	-
	Frog Legs	□	-	-	-	□	-
420	4 inch	-	-	-	□	-	-
	5 inch	-	-	-	□※6	-	-
	Frog Legs	-	-	-	□	-	-
430	4 inch	-	□	-	-	-	□
	5 inch	-	□	-	-	-	□※6
	Frog Legs	-	□	-	-	-	□
440	4 inch	□	-	-	-	□	-
	5 inch	□	-	-	-	□※6	-
	Frog Legs	□	-	-	-	□	-
450	4 inch	-	-	□	-	-	-
	5 inch	-	-	□	-	-	-
	Frog Legs	-	-	□	-	-	-
460	4 inch	-	□	-	-	-	□
	5 inch	-	□	-	-	-	□※6
	Frog Legs	-	□	-	-	-	□
480	4 inch	-	-	□	-	-	-
	5 inch	-	-	□	-	-	-
	Frog Legs	-	-	□	-	-	-
C Seat width		□340 □360 □380 □400					
D Seat depth		□340 □360 □380 □400 Seat depth 400mm is set for long frame only.					
E Back support height		□320 □330 □340 □350 □360 □370 □380 □390 □400					
F Foot support length ※1※5		□330 □345 □360 □375 □390 □405					
G Axle position		Stable type (20 to 40 adjustable) □20 □30 □40					
		Light weight type (20 to 40 adjustable) □40 □50 □60					
H Straight arm support height ※2		3D carbon arm support 250~290 (10pitch)					
		Aluminium arm support 260~290 (10pitch)					
I Back support angle		86°					
J Frame length		Long frame 492mm Short frame 452mm					
K Total height ※3		723mm					
L Full length ※3		Long 863 Short 825					
M Full width ※3		513mm					
N Hand rim spacing		5•10•15•20•25					
Camber		2° selectable					
Weight ※3		9.5kg					
Load bearing capacity		75kg					

※1 There is a condition in which the length can not be guaranteed due to the front seat height.

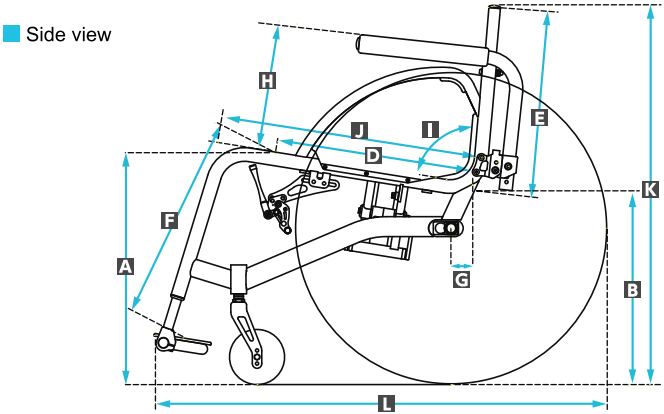
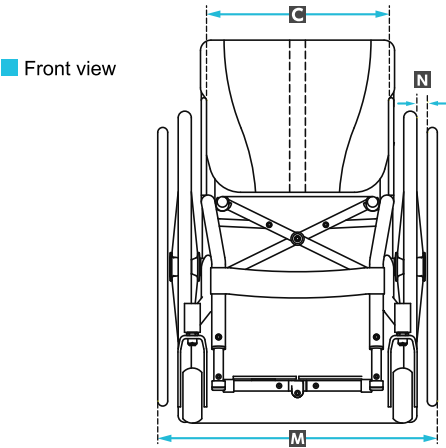
※2 It may not be possible to set due to the wheel size and the back seat height.

※3 Calculated based on the following specifications.
Long frame
Front seat height 440
Back seat height 380
Seat width 340
Back support height 340
Foot support length 375
24 SPINERGY LXL WHEEL
4inches LIGHTNING CASTER
Axle position 40mm
Hand rim aluminum spacing 10mm
Foot support TSS4

※4 Seat depth 380mm settings.
Depending on the seat depth setting, the size may change by about 5mm.

※5 Depending on seat depth and the selection parts of foot support, dimensions may vary by about 5mm.

※6 5inch resin core can not be installed.



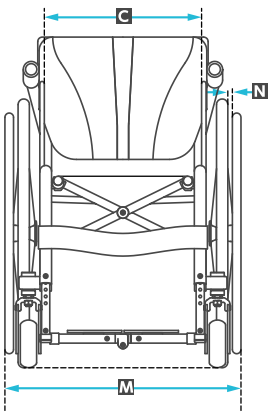
H-MAX FLAT FRAME

Specification data (unit : mm)

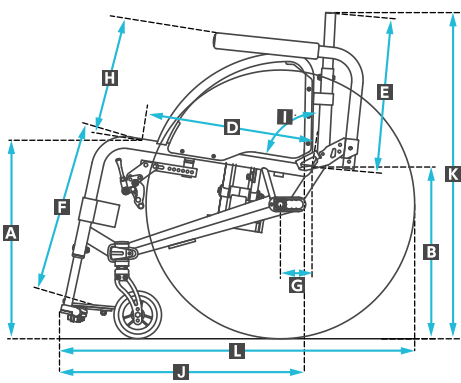
A Front seat height ※2※6		B Back seat height															
		24 inch								22 inch							
		360		380		400		420		345		365		385		405	
		Short	Long	Short	Long	Short	Long	Short	Long	Short	Long	Short	Long	Short	Long	Short	Long
390	4 inch	○	-	-	-	-	-	-	-	○	-	-	-	-	-	-	-
	5 inch	×	-	-	-	-	-	-	-	×	-	-	-	-	-	-	-
	Frog Legs	×	-	-	-	-	-	-	-	×	-	-	-	-	-	-	-
	TSS (Foot support)	×	-	-	-	-	-	-	-	×	-	-	-	-	-	-	-
400	4 inch	○	-	-	-	-	-	-	-	○	-	-	-	-	-	-	-
	5 inch	×	-	-	-	-	-	-	-	×	-	-	-	-	-	-	-
	Frog Legs	×	-	-	-	-	-	-	-	×	-	-	-	-	-	-	-
	TSS	×	-	-	-	-	-	-	-	×	-	-	-	-	-	-	-
410	4 inch	○	-	○	○	-	-	-	-	○	-	○	○	-	-	-	-
	5 inch	×	-	×	×	-	-	-	-	×	-	×	×	-	-	-	-
	Frog Legs	○	-	×	×	-	-	-	-	○	-	×	×	-	-	-	-
	TSS	×	-	×	○	-	-	-	-	×	-	×	○	-	-	-	-
420	4 inch	○	-	○	○	-	-	-	-	○	-	○	○	-	-	-	-
	5 inch	×	-	×	×	-	-	-	-	×	-	×	×	-	-	-	-
	Frog Legs	○	-	○	○	-	-	-	-	○	-	○	○	-	-	-	-
	TSS	×	-	×	○	-	-	-	-	×	-	×	○	-	-	-	-
430	4 inch	○	-	○	○	○	○	-	-	○	-	○	○	○	○	-	-
	5 inch	×	-	×	○	×	×	-	-	×	-	×	○	×	×	-	-
	Frog Legs	○	-	○	○	×	×	-	-	○	-	○	○	×	×	-	-
	TSS	×	-	×	○	×	×	-	-	×	-	×	○	×	×	-	-
440	4 inch	-	-	○	○	○	○	-	-	-	-	○	○	○	○	-	-
	5 inch	-	-	○※1	○	×	×	-	-	-	-	○※1	○	×	×	-	-
	Frog Legs	-	-	○	○	○	○	-	-	-	-	○	○	○	○	-	-
	TSS	-	-	○	○	×	○	-	-	-	-	○	○	×	○	-	-
450	4 inch	-	-	○	○	○	○	-	○	-	-	○	○	○	○	-	○
	5 inch	-	-	○※1	○	○	○	-	×	-	-	○※1	○	○	○	-	×
	Frog Legs	-	-	○	○	○	○	-	○	-	-	○	○	○	○	-	○
	TSS	-	-	○	○	×	○	-	×	-	-	○	○	×	○	-	×
460	4 inch	-	-	-	-	○	○	-	○	-	-	-	○	○	-	-	○
	5 inch	-	-	-	-	○	○	-	×	-	-	-	○	○	-	-	×
	Frog Legs	-	-	-	-	○	○	-	○	-	-	-	○	○	-	-	○
	TSS	-	-	-	-	×	○	-	○	-	-	-	×	○	-	-	○
470	4 inch	-	-	-	-	○	○	-	○	-	-	-	○	○	-	-	○
	5 inch	-	-	-	-	○※1	○	-	○	-	-	-	○※1	○	-	-	○
	Frog Legs	-	-	-	-	○	○	-	○	-	-	-	○	○	-	-	○
	TSS	-	-	-	-	○	○	-	○	-	-	-	○	○	-	-	○
480	4 inch	-	-	-	-	-	-	-	○	-	-	-	-	-	-	-	○
	5 inch	-	-	-	-	-	-	-	○	-	-	-	-	-	-	-	○
	Frog Legs	-	-	-	-	-	-	-	○	-	-	-	-	-	-	-	○
	TSS	-	-	-	-	-	-	-	○	-	-	-	-	-	-	-	○
490	4 inch	-	-	-	-	-	-	-	○	-	-	-	-	-	-	-	○
	5 inch	-	-	-	-	-	-	-	○	-	-	-	-	-	-	-	○
	Frog Legs	-	-	-	-	-	-	-	○	-	-	-	-	-	-	-	○
	TSS	-	-	-	-	-	-	-	○	-	-	-	-	-	-	-	○
C Seat width		300・320・340・360・380・400・420															
D Seat depth		340・360・380・400・420															
E Back support height		Low type 300~380 / High type 370~450															
F Foot support length ※3		High mount step 200~320 Bundled shipping Other steps 330・345・360・375・390・405・420・435															
G Axle position		30・40・50・60・70 / 0 (Option kit)															
H Straight arm support height ※4		Aluminium arm support 260~290 (10pitch)															
I Back support angle		84°															
J Frame length		Long 520 Short 490															
K Total height ※5		740															
L Full length ※5		Long 835 Short 785															
M Full width ※5		505															
N Hand rim spacing		5・10・15・20・25															
Camber		2°selectable															
Frame type		Short / Long															

※1 TSS (foot support) is impossible.
※2 When the TSS item is marked with "x", irrespective of caster size, TSS is impossible.
※3 There is a condition in which the length can not be guaranteed due to the front seat height.
※4 It may not be possible to set due to the wheel size and the back seat height.
※5 Calculated based on the following specifications.
Back seat height 380mm / Front seat height 440mm / Seat width 320mm / Back support height Low type 340mm / Foot support length 375mm / 24 SPINERGY LXL WHEEL / Wheel spoke / Wheel 4inches PU caster / Axle position 30mm Hand rim aluminum spacing 10mm / Foot support TSSIV / M tackle brake / No other options
※6 Seat depth 380mm settings.
Depending on the seat depth setting, and axle position the size may change by about 5mm.

Front view



Side view



H-MAX WAVE FRAME

Specification data (unit : mm)

A Front seat height ※2※6		B Back seat height															
		24 inch								22 inch							
		360		380		400		420		345		365		385		405	
	Short	Long	Short	Long	Short	Long	Short	Long	Short	Long	Short	Long	Short	Long	Short	Long	
390	4 inch	○	-	-	-	-	-	-	-	○	-	-	-	-	-	-	-
	5 inch	×	-	-	-	-	-	-	-	×	-	-	-	-	-	-	-
	Frog Legs	×	-	-	-	-	-	-	-	×	-	-	-	-	-	-	-
	TSS	×	-	-	-	-	-	-	-	×	-	-	-	-	-	-	-
400	4 inch	○	-	-	-	-	-	-	-	○	-	-	-	-	-	-	-
	5 inch	×	-	-	-	-	-	-	-	×	-	-	-	-	-	-	-
	Frog Legs	×	-	-	-	-	-	-	-	×	-	-	-	-	-	-	-
	TSS	×	-	-	-	-	-	-	-	×	-	-	-	-	-	-	-
410	4 inch	○	-	○	○	-	-	-	-	○	-	○	○	-	-	-	-
	5 inch	×	-	×	×	-	-	-	-	×	-	×	×	-	-	-	-
	Frog Legs	○※1	-	×	×	-	-	-	-	○※1	-	×	×	-	-	-	-
	TSS	○	-	×	○	-	-	-	-	○	-	×	○	-	-	-	-
420	4 inch	○	-	○	○	-	-	-	-	○	-	○	○	-	-	-	-
	5 inch	○※1	-	×	×	-	-	-	-	○※1	-	×	×	-	-	-	-
	Frog Legs	○	-	○	○	-	-	-	-	○	-	○	○	-	-	-	-
	TSS	○	-	×	○	-	-	-	-	○	-	×	○	-	-	-	-
430	4 inch	○	-	○	○	○	○	-	-	○	-	○	○	○	○	-	-
	5 inch	○※1	-	○※1	○	×	×	-	-	○※1	-	○※1	○	×	×	-	-
	Frog Legs	○	-	○※1	○	○	○	-	-	○	-	○※1	○	○	○	-	-
	TSS	○	-	○	○	○	×	×	-	○	-	○	○	×	×	-	-
440	4 inch	-	-	○	○	○	○	-	-	-	-	○	○	○	○	-	-
	5 inch	-	-	○	○	×	×	-	-	-	-	○	○	×	×	-	-
	Frog Legs	-	-	○	○	○	○	-	-	-	-	○	○	○	○	-	-
	TSS	-	-	○	○	○	○	-	-	-	-	○	○	○	○	-	-
450	4 inch	-	-	○	○	○	○	-	○	-	-	○	○	○	○	-	○
	5 inch	-	-	○	○	○※1	○	-	×	-	-	○	○	○※1	○	-	×
	Frog Legs	-	-	○	○	○※1	○	-	○	-	-	○	○	○※1	○	-	○
	TSS	-	-	○	○	○	○	-	×	-	-	○	○	○	○	-	×
460	4 inch	-	-	-	-	○	○	-	○	-	-	-	-	○	○	-	○
	5 inch	-	-	-	-	○	○	-	×	-	-	-	-	○	○	-	×
	Frog Legs	-	-	-	-	○	○	-	○	-	-	-	-	○	○	-	○
	TSS	-	-	-	-	○	○	-	○	-	-	-	-	○	○	-	○
470	4 inch	-	-	-	-	○	○	-	○	-	-	-	-	○	○	-	○
	5 inch	-	-	-	-	○	○	-	○	-	-	-	-	○	○	-	○
	Frog Legs	-	-	-	-	○	○	-	○	-	-	-	-	○	○	-	○
	TSS	-	-	-	-	○	○	-	○	-	-	-	-	○	○	-	○
480	4 inch	-	-	-	-	-	-	-	○	-	-	-	-	-	-	-	○
	5 inch	-	-	-	-	-	-	-	○	-	-	-	-	-	-	-	○
	Frog Legs	-	-	-	-	-	-	-	○	-	-	-	-	-	-	-	○
	TSS	-	-	-	-	-	-	-	○	-	-	-	-	-	-	-	○
490	4 inch	-	-	-	-	-	-	-	○	-	-	-	-	-	-	-	○
	5 inch	-	-	-	-	-	-	-	○	-	-	-	-	-	-	-	○
	Frog Legs	-	-	-	-	-	-	-	○	-	-	-	-	-	-	-	○
	TSS	-	-	-	-	-	-	-	○	-	-	-	-	-	-	-	○
C Seat width		300・320・340・360・380・400・420															
D Seat depth		340・360・380・400・420															
E Back support height		Low type 300~380 / High type 370~450															
F Foot support length ※3		High mount step 200~320 Bundled shipping Other steps 330・345・360・375・390・405・420・435															
G Axle position		30・40・50・60・70															
H Straight arm support height ※4		Aluminium arm support 260~290(10pitch)															
I Back support angle		84°															
J Frame length		Long 520 Short 490															
K Total height ※5		740															
L Full length ※5		Long 835 Short 785															
M Full width ※5		505															
N Hand rim spacing		5・10・15・20・25															
Camber		2°selectable															
Frame type		Short / Long															
O Push-up unit		60															
		※1 TSS (foot support) is impossible. ※2 When the TSS item is marked with "x", irrespective of caster size, TSS is impossible ※3 There is a condition in which the length cannot be guaranteed due to the front seat height ※4 It may not be possible to set due to the wheel size and the back seat height. ※5 Calculated based on the following specifications Back seat height 380mm / Front seat height 440mm / Seat width 320mm / Back support height 370mm / Low type 340mm / Foot support length 375mm / 24 SPINERGY LXL WHEEL / Wheel spoke / Wheel 4inches PU caster / Axle position 30mm Hand rim aluminum spacing 10mm / Foot support length 375mm / TSSIV / M tackle brake / No other options ※6 Seat depth 380mm settings.															

S-MAX FLAT FRAME

Specification data (unit : mm)

A Front seat height ※2※6		B Back seat height															
		24 inch								22 inch							
		360		380		400		420		345		365		385		405	
		Short	Long	Short	Long	Short	Long	Short	Long	Short	Long	Short	Long	Short	Long	Short	Long
390	4 inch	○	-	-	-	-	-	-	-	○	-	-	-	-	-	-	-
	5 inch	×	-	-	-	-	-	-	-	×	-	-	-	-	-	-	-
	Frog Legs	×	-	-	-	-	-	-	-	×	-	-	-	-	-	-	-
	TSS	×	-	-	-	-	-	-	-	×	-	-	-	-	-	-	-
400	4 inch	○	-	-	-	-	-	-	-	○	-	-	-	-	-	-	-
	5 inch	×	-	-	-	-	-	-	-	×	-	-	-	-	-	-	-
	Frog Legs	×	-	-	-	-	-	-	-	×	-	-	-	-	-	-	-
	TSS	×	-	-	-	-	-	-	-	×	-	-	-	-	-	-	-
410	4 inch	○	-	○	○	-	-	-	-	○	-	○	○	-	-	-	-
	5 inch	×	-	×	×	-	-	-	-	×	-	×	×	-	-	-	-
	Frog Legs	○	-	×	×	-	-	-	-	○	-	×	×	-	-	-	-
	TSS	×	-	×	○	-	-	-	-	×	-	×	○	-	-	-	-
420	4 inch	○	-	○	○	-	-	-	-	○	-	○	○	-	-	-	-
	5 inch	×	-	×	×	-	-	-	-	×	-	×	×	-	-	-	-
	Frog Legs	○	-	○	○	-	-	-	-	○	-	○	○	-	-	-	-
	TSS	×	-	×	○	-	-	-	-	×	-	×	○	-	-	-	-
430	4 inch	○	-	○	○	○	○	-	-	○	-	○	○	○	○	-	-
	5 inch	×	-	×	○	×	×	-	-	×	-	×	○	×	×	-	-
	Frog Legs	○	-	○	○	×	×	-	-	○	-	○	○	×	×	-	-
	TSS	×	-	×	○	×	×	-	-	×	-	×	○	×	×	-	-
440	4 inch	-	-	○	○	○	○	-	-	-	-	○	○	○	○	-	-
	5 inch	-	-	○※1	○	×	×	-	-	-	-	○※1	○	×	×	-	-
	Frog Legs	-	-	○	○	○	○	-	-	-	-	○	○	○	○	-	-
	TSS	-	-	○	○	×	○	-	-	-	-	○	○	×	○	-	-
450	4 inch	-	-	○	○	○	○	-	○	-	-	○	○	○	○	-	○
	5 inch	-	-	○※1	○	○	○	-	×	-	-	○※1	○	○	○	-	×
	Frog Legs	-	-	○	○	○	○	-	○	-	-	○	○	○	○	-	○
	TSS	-	-	○	○	×	○	-	×	-	-	○	○	×	○	-	×
460	4 inch	-	-	-	-	○	○	-	○	-	-	-	○	○	-	-	○
	5 inch	-	-	-	-	○	○	-	×	-	-	-	○	○	-	-	×
	Frog Legs	-	-	-	-	○	○	-	○	-	-	-	○	○	-	-	○
	TSS	-	-	-	-	×	○	-	○	-	-	-	×	○	-	-	○
470	4 inch	-	-	-	-	○	○	-	○	-	-	-	○	○	-	-	○
	5 inch	-	-	-	-	○※1	○	-	○	-	-	-	○※1	○	-	-	○
	Frog Legs	-	-	-	-	○	○	-	○	-	-	-	○	○	-	-	○
	TSS	-	-	-	-	○	○	-	○	-	-	-	○	○	-	-	○
480	4 inch	-	-	-	-	-	-	-	○	-	-	-	-	-	-	-	○
	5 inch	-	-	-	-	-	-	-	○	-	-	-	-	-	-	-	○
	Frog Legs	-	-	-	-	-	-	-	○	-	-	-	-	-	-	-	○
	TSS	-	-	-	-	-	-	-	○	-	-	-	-	-	-	-	○
490	4 inch	-	-	-	-	-	-	-	○	-	-	-	-	-	-	-	○
	5 inch	-	-	-	-	-	-	-	○	-	-	-	-	-	-	-	○
	Frog Legs	-	-	-	-	-	-	-	○	-	-	-	-	-	-	-	○
	TSS	-	-	-	-	-	-	-	○	-	-	-	-	-	-	-	○

C Seat width	300・320・340・360・380・400・420
D Seat depth	340・360・380・400・420
E Back support height	Low type 300~380 / High type 370~450
F Foot support length ※3	High mount step 200~320 Bundled shipping Other steps 330・345・360・375・390・405・420・435
G Axle position	30・40・50・60・70/0 (Option kit)
H Straight arm support height ※4	Aluminium arm support 260~290(10pitch)
I Back support angle	84°
J Frame length	Long 520 Short 490
K Total height ※5	740
L Full length ※5	Long 835 Short 785
M Full width ※5	505
N Hand rim spacing	5・10・15・20・25
Camber	2°selectable
Frame type	Short / Long

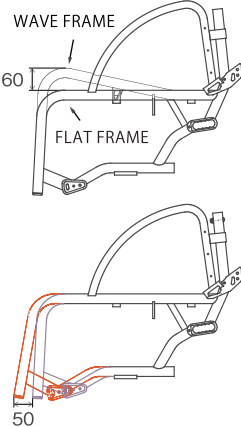
- ※1 TSS (foot support) is impossible.
※2 When the TSS item is marked with "x", irrespective of caster size, TSS is impossible.
※3 There is a condition in which the length can not be guaranteed due to the front seat height.
※4 It may not be possible to set due to the wheel size and the back seat height.
※5 Calculated based on the following specifications.
Back seat height 380mm / Front seat height 440mm / Seat width 320mm / Back support height Low type 340mm / Foot support length 375mm / 24 SPINERGY LXL WHEEL / Wheel spoke / Wheel 4inches PU caster / Axle position 30mm
Hand rim aluminum spacing 10mm / Foot support TSSIV / M tackle brake / No other options
※6 Seat depth 380mm settings.
Depending on the seat depth setting, and axle position, the size may change by about 5mm.

S-MAX

FLAT FRAME
WAVE FRAME
Comparison
(unit : mm)

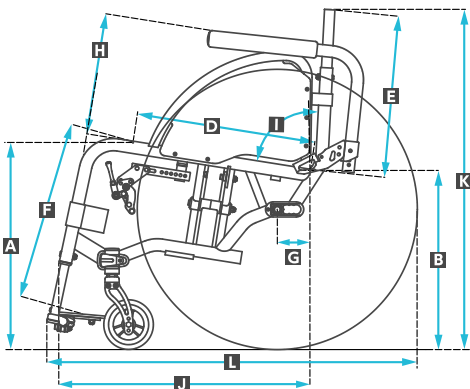
S-MAX
FLAT FRAME
(unit : mm)

LONG FLAME
SHORT FLAME



Front view

Side view



S-MAX WAVE FRAME

Specification data (unit : mm)

A Front seat height ※2※6		B Back seat height															
		24 inch								22 inch							
		360		380		400		420		345		365		385		405	
		Short	Long	Short	Long	Short	Long	Short	Long	Short	Long	Short	Long	Short	Long	Short	Long
390	4 inch	○	-	-	-	-	-	-	-	○	-	-	-	-	-	-	-
	5 inch	×	-	-	-	-	-	-	-	×	-	-	-	-	-	-	-
	Frog Legs	×	-	-	-	-	-	-	-	×	-	-	-	-	-	-	-
	TSS	×	-	-	-	-	-	-	-	×	-	-	-	-	-	-	-
400	4 inch	○	-	-	-	-	-	-	-	○	-	-	-	-	-	-	-
	5 inch	×	-	-	-	-	-	-	-	×	-	-	-	-	-	-	-
	Frog Legs	×	-	-	-	-	-	-	-	×	-	-	-	-	-	-	-
	TSS	×	-	-	-	-	-	-	-	×	-	-	-	-	-	-	-
410	4 inch	○	-	○	○	-	-	-	-	○	-	○	○	-	-	-	-
	5 inch	×	-	×	×	-	-	-	-	×	-	×	×	-	-	-	-
	Frog Legs	○※1	-	×	×	-	-	-	-	○※1	-	×	×	-	-	-	-
	TSS	○	-	×	○	-	-	-	-	○	-	×	○	-	-	-	-
420	4 inch	○	-	○	○	-	-	-	-	○	-	○	○	-	-	-	-
	5 inch	○※1	-	×	×	-	-	-	-	○※1	-	×	×	-	-	-	-
	Frog Legs	○	-	○	○	-	-	-	-	○	-	○	○	-	-	-	-
	TSS	○	-	×	○	-	-	-	-	○	-	×	○	-	-	-	-
430	4 inch	○	-	○	○	○	○	-	-	○	-	○	○	○	○	-	-
	5 inch	○※1	-	○※1	○	×	×	-	-	○※1	-	○※1	○	×	×	-	-
	Frog Legs	○	-	○※1	○	○	○	-	-	○	-	○※1	○	○	○	-	-
	TSS	○	-	○	○	×	×	-	-	○	-	○	○	×	×	-	-
440	4 inch	-	-	○	○	○	○	-	-	-	-	○	○	○	○	-	-
	5 inch	-	-	○	○	×	×	-	-	-	-	○	○	×	×	-	-
	Frog Legs	-	-	○	○	○	○	-	-	-	-	○	○	○	○	-	-
	TSS	-	-	○	○	○	○	-	-	-	-	○	○	○	○	-	-
450	4 inch	-	-	○	○	○	○	-	○	-	-	○	○	○	○	-	○
	5 inch	-	-	○	○	○※1	○	-	×	-	-	○	○	○※1	○	-	×
	Frog Legs	-	-	○	○	○※1	○	-	○	-	-	○	○	○※1	○	-	○
	TSS	-	-	○	○	○	○	-	×	-	-	○	○	○	○	-	×
460	4 inch	-	-	-	-	○	○	-	○	-	-	-	-	○	○	-	○
	5 inch	-	-	-	-	○	○	-	×	-	-	-	-	○	○	-	×
	Frog Legs	-	-	-	-	○	○	-	○	-	-	-	-	○	○	-	○
	TSS	-	-	-	-	○	○	-	○	-	-	-	-	○	○	-	○
470	4 inch	-	-	-	-	○	○	-	○	-	-	-	-	○	○	-	○
	5 inch	-	-	-	-	○	○	-	○	-	-	-	-	○	○	-	○
	Frog Legs	-	-	-	-	○	○	-	○	-	-	-	-	○	○	-	○
	TSS	-	-	-	-	○	○	-	○	-	-	-	-	○	○	-	○
480	4 inch	-	-	-	-	-	-	-	○	-	-	-	-	-	-	-	○
	5 inch	-	-	-	-	-	-	-	○	-	-	-	-	-	-	-	○
	Frog Legs	-	-	-	-	-	-	-	○	-	-	-	-	-	-	-	○
	TSS	-	-	-	-	-	-	-	○	-	-	-	-	-	-	-	○
490	4 inch	-	-	-	-	-	-	-	○	-	-	-	-	-	-	-	○
	5 inch	-	-	-	-	-	-	-	○	-	-	-	-	-	-	-	○
	Frog Legs	-	-	-	-	-	-	-	○	-	-	-	-	-	-	-	○
	TSS	-	-	-	-	-	-	-	○	-	-	-	-	-	-	-	○

A-MAX

Specification data (unit : mm)

A Front seat height※2※6		B Back seat height															
		24 inch								22 inch							
		360		380		400		420		345		365		385		405	
		Short	Long	Short	Long	Short	Long	Short	Long	Short	Long	Short	Long	Short	Long	Short	Long
400	4 inch	○	○	-	-	-	-	-	-	○	○	-	-	-	-	-	-
	5 inch	×	×	-	-	-	-	-	-	×	×	-	-	-	-	-	-
	6 inch	×	×	-	-	-	-	-	-	×	×	-	-	-	-	-	-
	Frog Legs	×	×	-	-	-	-	-	-	×	×	-	-	-	-	-	-
	TSS	○	○	-	-	-	-	-	-	○	○	-	-	-	-	-	-
410	4 inch	○	○	○	○	-	-	-	-	○	○	○	○	-	-	-	-
	5 inch	×	×	×	×	-	-	-	-	×	×	×	×	-	-	-	-
	6 inch	×	×	×	×	-	-	-	-	×	×	×	×	-	-	-	-
	Frog Legs	○	○	○	○	-	-	-	-	○	○	○	○	-	-	-	-
	TSS	○	○	○	○	-	-	-	-	○	○	○	○	-	-	-	-
420	4 inch	○	○	○	○	-	-	-	-	○	○	○	○	-	-	-	-
	5 inch	○※1	○	○※1	○	-	-	-	-	○※1	○	○※1	○	-	-	-	-
	6 inch	×	×	×	×	-	-	-	-	×	×	×	×	-	-	-	-
	Frog Legs	○	○	○	○	-	-	-	-	○	○	○	○	-	-	-	-
	TSS	○	○	○	○	-	-	-	-	○	○	○	○	-	-	-	-
430	4 inch	-	-	○	○	○	○	-	-	-	-	○	○	○	○	-	-
	5 inch	-	-	○※1	○	○※1	○	-	-	-	-	○※1	○	○※1	○	-	-
	6 inch	-	-	×	×	×	×	-	-	-	-	×	×	×	×	-	-
	Frog Legs	-	-	○	○	○	○	-	-	-	-	○	○	○	○	-	-
	TSS	-	-	○	○	○	○	-	-	-	-	○	○	○	○	-	-
440	4 inch	-	-	○	○	○	○	-	-	-	-	○	○	○	○	-	-
	5 inch	-	-	○※1	○	○※1	○	-	-	-	-	○※1	○	○※1	○	-	-
	6 inch	-	-	×	○※1	×	○※1	-	-	-	-	×	○※1	×	○※1	-	-
	Frog Legs	-	-	○	○	○	○	-	-	-	-	○	○	○	○	-	-
	TSS	-	-	○	○	○	○	-	-	-	-	○	○	○	○	-	-
450	4 inch	-	-	-	-	○	○	○	○	-	-	-	-	○	○	○	○
	5 inch	-	-	-	-	○※1	○	○※1	○	-	-	-	-	○※1	○	○※1	○
	6 inch	-	-	-	-	×	○※1	×	○※1	-	-	-	-	×	○※1	×	○※1
	Frog Legs	-	-	-	-	○	○	○	○	-	-	-	-	○	○	○	○
	TSS	-	-	-	-	○	○	○	○	-	-	-	-	○	○	○	○
460	4 inch	-	-	-	-	○	○	○	○	-	-	-	-	○	○	○	○
	5 inch	-	-	-	-	○※1	○	○※1	○	-	-	-	-	○※1	○	○※1	○
	6 inch	-	-	-	-	×	○※1	×	○※1	-	-	-	-	×	○※1	×	○※1
	Frog Legs	-	-	-	-	○	○	○	○	-	-	-	-	○	○	○	○
	TSS	-	-	-	-	○	○	○	○	-	-	-	-	○	○	○	○
C Seat width		300・320・340・360・380・400・420															
D Seat depth		340・360・380・400・420															
E Back support height		Low type 300~380 / High type 370~450															
F Foot support length※3		High mount step 200~320 Bundled shipping Other steps 330・345・360・375・390・405・420・435															
G Axle position		20・30・40・50・60・70															
H Straight arm support height※4		Aluminium arm support 260~290 (10pitch)															
I Back support angle		86°															
J Frame length		Long 530 Short 480															
K Total height※5		770															
L Full length※5		820															
M Full width※5		505															
N Hand rim spacing		5・10・15・20・25															
Camber		Can not be adjusted															
Frame type		Short / Long															

- ※1 TSS (foot support) is impossible.
※2 When the TSS item is marked with "x", irrespective of caster size, TSS is impossible.
※3 There is a condition in which the length can not be guaranteed due to the front seat height.
※4 It may not be possible to set due to the wheel size and the back seat height.
※5 Calculated based on the following specifications.
Back seat height 380mm / Front seat height 440mm / Seat width 320mm / Back support height 440mm / Foot support length 375mm / 24 SPINERGY LXL WHEEL / Wheel spoke / Wheel 4inches PU caster / Axle position 30mm
Hand rim aluminum spacing 10mm / Foot support TSSIV / M tackle brake / No other options
※6 Seat depth 380mm settings.
Depending on the seat depth setting, and axle position, the size may change by about 5mm.

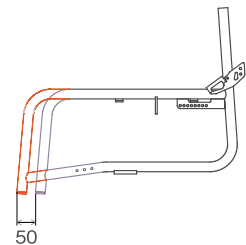
A-MAX

FLAT FRAME

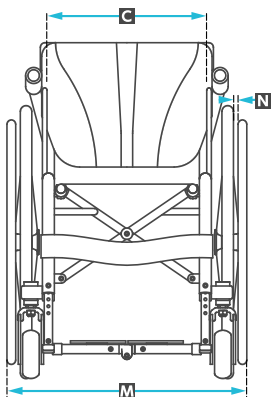
(unit : mm)

LONG FLAME

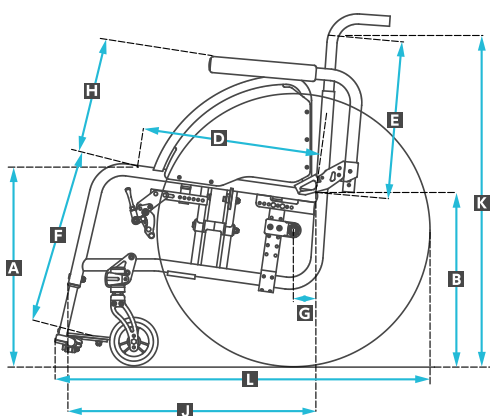
SHORT FLAME



Front view



Side view



A-MAX SWING

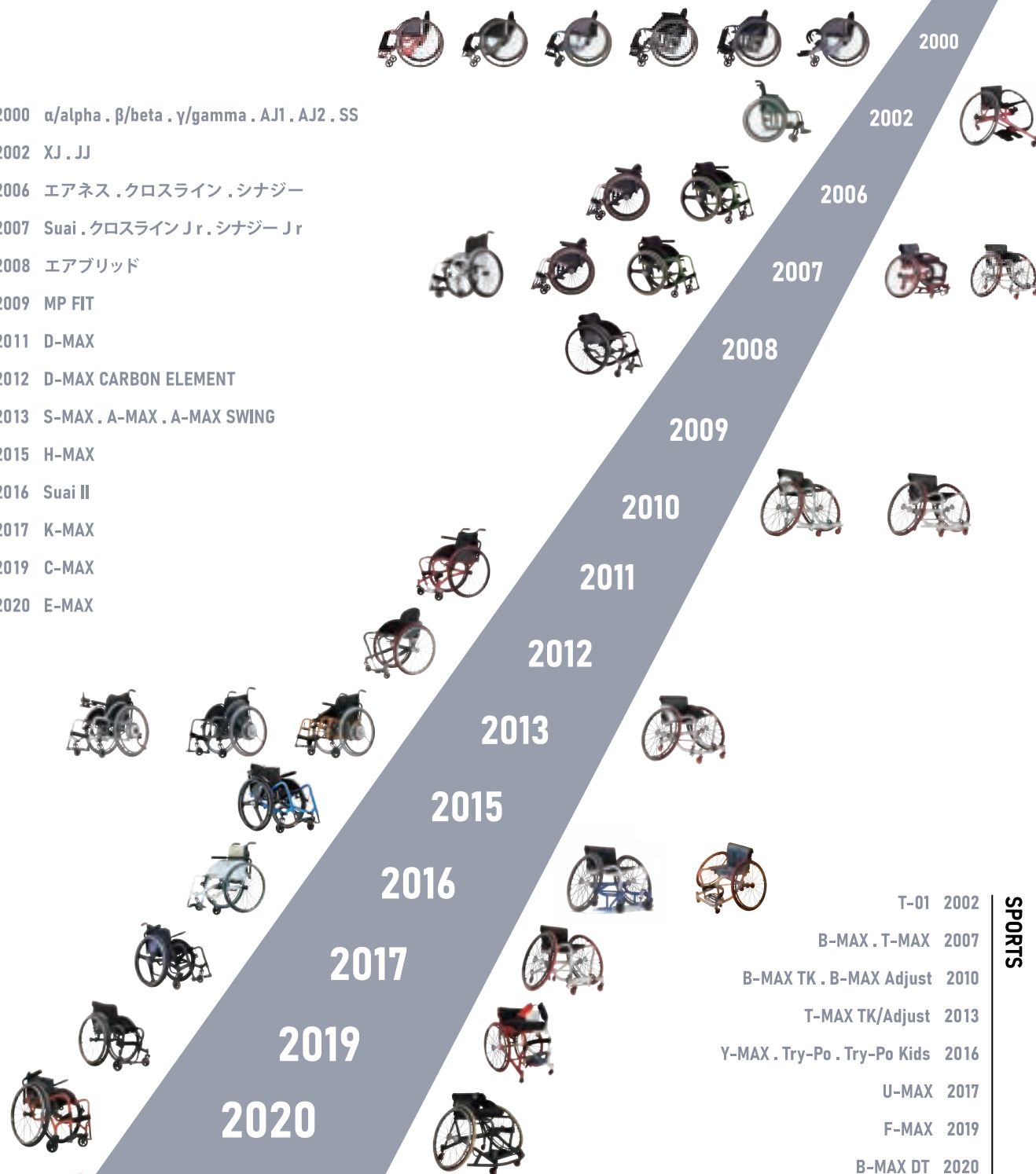
Specification data (unit : mm)

A Front seat height ※2※7		B Back seat height															
		24 inch								22 inch							
		360		380		400		420		345		365		385		405	
	Short	Long	Short	Long	Short	Long	Short	Long	Short	Long	Short	Long	Short	Long	Short	Long	
400	4 inch	○	○	-	-	-	-	-	-	○	○	-	-	-	-	-	-
	5 inch	×	×	-	-	-	-	-	-	×	×	-	-	-	-	-	-
	6 inch	×	×	-	-	-	-	-	-	×	×	-	-	-	-	-	-
	Frog Legs	×	×	-	-	-	-	-	-	×	×	-	-	-	-	-	-
	TSS	×	×	-	-	-	-	-	-	×	×	-	-	-	-	-	-
410	4 inch	○	○	○	○	-	-	-	-	○	○	○	○	-	-	-	-
	5 inch	×	×	×	×	-	-	-	-	×	×	×	×	-	-	-	-
	6 inch	×	×	×	×	-	-	-	-	×	×	×	×	-	-	-	-
	Frog Legs	○	○	○	○	-	-	-	-	○	○	○	○	-	-	-	-
	TSS	×	×	×	×	-	-	-	-	×	×	×	×	-	-	-	-
420	4 inch	○	○	○	○	-	-	-	-	○	○	○	○	-	-	-	-
	5 inch	○	○	○	○	-	-	-	-	○	○	○	○	-	-	-	-
	6 inch	×	×	×	×	-	-	-	-	×	×	×	×	-	-	-	-
	Frog Legs	○	○	○	○	-	-	-	-	○	○	○	○	-	-	-	-
	TSS	×	×	×	×	-	-	-	-	×	×	×	×	-	-	-	-
430	4 inch	-	-	○	○	○	○	-	-	-	-	○	○	○	○	-	-
	5 inch	-	-	○	○	○	○	-	-	-	-	○	○	○	○	-	-
	6 inch	-	-	×	×	×	×	-	-	-	-	×	×	×	×	-	-
	Frog Legs	-	-	○	○	○	○	-	-	-	-	○	○	○	○	-	-
	TSS	-	-	×	×	×	×	-	-	-	-	×	×	×	×	-	-
440	4 inch	-	-	○	○	○	○	-	-	-	-	○	○	○	○	-	-
	5 inch	-	-	○	○	○	○	-	-	-	-	○	○	○	○	-	-
	6 inch	-	-	○	○	○	○	-	-	-	-	○	○	○	○	-	-
	Frog Legs	-	-	○	○	○	○	-	-	-	-	○	○	○	○	-	-
	TSS	-	-	×	×	×	×	-	-	-	-	×	×	×	×	-	-
450	4 inch	-	-	-	-	○	○	○	○	-	-	-	-	○	○	○	○
	5 inch	-	-	-	-	○	○	○	○	-	-	-	-	○	○	○	○
	6 inch	-	-	-	-	○	○	○	○	-	-	-	-	○	○	○	○
	Frog Legs	-	-	-	-	○	○	○	○	-	-	-	-	○	○	○	○
	TSS	-	-	-	-	×	×	×	×	-	-	-	-	×	×	×	×
460	4 inch	-	-	-	-	○	○	○	○	-	-	-	-	○	○	○	○
	5 inch	-	-	-	-	○	○	○	○	-	-	-	-	○	○	○	○
	6 inch	-	-	-	-	○	○	○	○	-	-	-	-	○	○	○	○
	Frog Legs	-	-	-	-	○	○	○	○	-	-	-	-	○	○	○	○
	TSS	-	-	-	-	×	×	×	×	-	-	-	-	-	×	×	×
C Seat width		300・320・340・360・380・400・420														※1 TSS (foot support) is impossible. ※2 When the TSS item is marked with "x", irrespective of caster size, TSS is impossible. ※3 There is a condition in which the length can not be guaranteed due to the front seat height. ※4 It may not be possible to set due to the wheel size and the back seat height. ※5 Calculated based on the following specifications Back seat height 380mm / Front seat height 440mm / Seat width 320mm / Back support Low type 340mm / Foot support length 375mm / 24 SPINERGY LXL WHEEL / Wheel spoke Wheel 4inches PU caster / Axle position 30mm / Hand rim aluminum spacing 10mm / Foot support TSSIV / M tackle brake / No other options ※6 When the TSS item is marked with "x", irrespective of caster size, TSS is impossible.	
D Seat depth		Long 340・360・380・400・420 ※6 Short 340・360															
E Back support height		Low type 300~380 / High type 370~450															
F Foot support length ※3		High mount step 200~320 Bundled shipping Other steps 330・345・360・375・390・405・420・435															
G Axle position		Long 20・30・40・50 Short 20・30															
H Straight arm support height ※4		Aluminium arm support 260~290(10pitch)															
I Back support angle		86°															
J Frame length		Long 540 Short 500															
K Total height ※5		770															
L Full length ※5		Long 820 Short 770															
M Full width ※5		505															
N Hand rim spacing		5・10・15・20・25															
Camber		Can not be adjusted															
Frame type		swing-out															

M HISTORY

STANDARD . ELECTRIC

2000 α/alpha . β/beta . γ/gamma . AJ1 . AJ2 . SS
 2002 XJ . JJ
 2006 エアネス . クロスライン . シナジー
 2007 Suai . クロスライン Jr . シナジー Jr
 2008 エアブリッド
 2009 MP FIT
 2011 D-MAX
 2012 D-MAX CARBON ELEMENT
 2013 S-MAX . A-MAX . A-MAX SWING
 2015 H-MAX
 2016 Suai II
 2017 K-MAX
 2019 C-MAX
 2020 E-MAX



MAX PERFORMANCE
 Designed by MATSUNAGA



私たちはあなたらしく
 生きる事を応援しています

MATSUNAGA MANUFACTORY CO.,LTD
 President Noriyuki Matsunaga

松永紀之