



PAWS[®]

POWER ASSISTED WHEELCHAIR SYSTEMS



2 YEAR
WARRANTY

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HEALTHCARE EQUIPMENT



POWER ASSISTED WHEELCHAIR SYSTEMS

PAWS is the ideal power add-on for your wheelchair: PAWS combines ergonomics and functionality with appealing design and transforms your manual wheelchair into an exciting vehicle. Drive to work independently, go shopping, or discover new places. PAWS is a great alternative to the car and allows you to enjoy your life independently.

There are three PAWS models available. The City comes with a 12" and 14" wheel has a short wheelbase and small turning circle and is ideal for use indoors or on smooth roads. The Cruiser has a 16" wheel and is suitable for use on medium to more challenging terrain. The Tourer has a 20" wheel which is available with two tyre widths – a 2" all-purpose tyre and a 4" fat tyre for rougher terrain.



Rainer Küschall,
Race driver, inventor, designer,
and co-founder of PAWS

"My vision was to develop the best power add-on for wheelchair users. In cooperation with the Research and Development team, we have undoubtedly reached the next level of electric power add-ons.

I am particularly proud of the E-CLAMPS and AUTO LIFT features. I truly believe that PAWS is a revolutionary product. I myself am a tetraplegic and throughout the years I have not found a power add-on which fulfilled all of my requirements. That's why it was important for me to ensure that PAWS was as user-friendly and safe as possible.

The innovative automatic clamping and lifting mechanism in combination with the tetra controls is fantastic for users with various medical conditions where not only the hand and arm functions are affected. Even users with various muscle disorders can operate PAWS thanks to the AUTO-AUTO/TETRA combination. Therefore, PAWS provides wheelchair users around the world with new opportunities and helps them to enjoy their new-found independence. I hope that you too will experience all kinds of adventures with your PAWS in the future."

CITY

EXPERIENCE UNLIMITED MOBILITY

Let PAWS be part of your daily routine. Whether you're commuting to work or picking up groceries on the way home, PAWS City makes it easier.

Designed for urban life, PAWS City comes with a 12" or 14" drive wheel and is best suited for smooth roads and paved surfaces. Its compact turning radius means it performs just as well indoors as it does on the footpath.

It handles flat indoor flooring, slightly uneven pavements, and shallow kerbs with ease. PAWS City helps you move confidently, wherever the day takes you.

WCA872010 12" - MANUAL - Std Control	WCA872030 14" - MANUAL - Std Control
WCA872020 12" - MANUAL - Tetra Control	WCA872040 14" - MANUAL - Tetra Control
WCA872100 12" - AUTO - Std Control	WCA872112 14" - AUTO - Std Control
WCA872110 12" - AUTO - Tetra Control	WCA872114 14" - AUTO - Tetra Control



STANDARD
CONTROLS

EFFORTLESS
DOCKING TO YOUR
WHEELCHAIR

Fully automatic E-CLAMPS and AUTO LIFT make locking and unlocking, as well as lifting and lowering, exceptionally easy and comfortable for the user.

Configuration shown:
City 14"-, standard handles,
E-CLAMPS, and AUTO LIFT

CRUISER

ENJOY YOUR INDEPENDENCE

For those who enjoy staying active, even off the beaten track, PAWS Cruiser is the ideal choice.

Designed for longer journeys, its 16" drive wheel delivers safe, stable performance over uneven and rough terrain, offering a new level of independence.

With a powerful motor, enhanced traction, and optional off-road tyres (available as an accessory), PAWS Cruiser handles varied terrain with ease.

Its sturdy frame also provides a comfortable fit for larger or taller users.

WCA872050 MANUAL - Std Control
WCA872060 MANUAL - Tetra Control
WCA872120 AUTO - Std Control
WCA872130 AUTO - Tetra Control



MANUAL CLAMPS
The easy, user-friendly Manual Clamps allow users to lock and unlock the PAWS Cruiser in seconds. No frame modifications or additional parts are required. Once docking is complete, the Manual Lift allows you to raise yourself into the driving position using the release button on the handlebars.

Configuration shown:
Cruiser 16-inch, standard handles,
MANUAL CLAMPS, and MANUAL LIFT

TOURER

DISCOVER NEW PLACES WITH PAWS

Adventure off the beaten track with confidence using the PAWS Tourer.

Primarily designed for off-road use, PAWS Tourer handles sand, gravel, cobblestones, and more with ease. It features the longest wheelbase in the PAWS range, which adds stability and control.

The large 20" drive wheel glides over roots and uneven terrain, ensuring a smooth and steady ride wherever your journey takes you.

TIP

Equipping your Tourer with the 20" tall, 4" wide FAT TYRE drive wheel makes it ideal for your next off-road adventure.

This setup allows you to reach places that might be challenging for other models, giving you greater freedom on rough terrain.

WCA872070

MANUAL - Std Control

WCA872080

MANUAL - Tetra Control

WCA872140

AUTO - Std Control

WCA872150

AUTO - Tetra Control



Configuration shown:
Tourer 20" with 4" FAT TYRE, standard handles,
E-CLAMPS, and AUTO LIFT

SPECIAL FEATURES

1

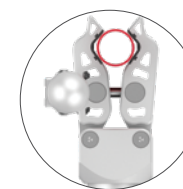
PAWS IS COMPATIBLE WITH ALMOST ALL WHEELCHAIRS ON THE MARKET

PAWS offers exceptional compatibility, integrating with nearly all wheelchairs using a range of clamp types.

This adaptability means that almost any manual wheelchair, whether rigid or foldable, with or without removable leg rests, can be used with PAWS.

We have developed dedicated clamping solutions for most known wheelchair models, including those that do not use standard round tubing, such as the Kuschall K2 or oval profiles from other brands.

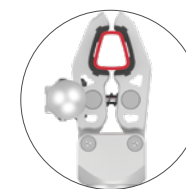
Important: PAWS is not recommended for use with carbon fibre wheelchairs. Rehasense accepts no responsibility for any resulting damage.



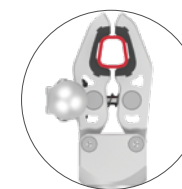
Round



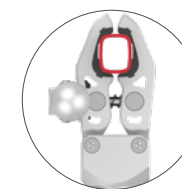
Oval



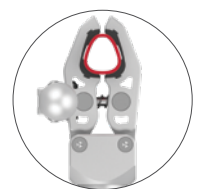
K2



K1



FEMTO R



OFFCARR

2

E-CLAMPS & AUTO LIFT

WORLD'S FIRST

Thanks to the innovative E-CLAMPS and AUTO LIFT features, docking and lifting are quick, smooth, and user friendly.

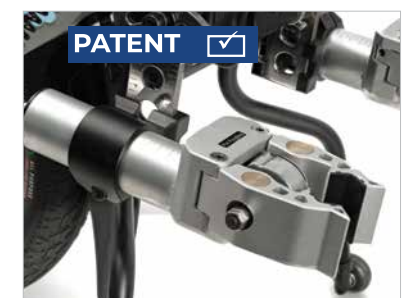
These functions are also suitable for users with limited hand movement or reduced upper body strength.

To operate, simply drive your wheelchair into the clamps, press the red button on the handlebar, then activate the release switch. The clamps will automatically close and lock, lifting you effortlessly into the driving position.

*Please contact your dealer or Rehasense directly if you have any question about it.



AUTO LIFT:
automatic lifting
and lowering



E-CLAMPS:
automatic locking
and unlocking

3 UNIVERSAL CLAMPING AND ADJUSTMENT SYSTEM

PAWS offers one of the simplest and most universal docking systems available. With both MANUAL CLAMPS and E-CLAMPS, you can choose between manual and fully automatic operation. Once the wheelchair is positioned within the clamps, it can be locked or unlocked manually from both sides at the same time using the levers. The key benefit of the MANUAL CLAMPS is the ability to connect or disconnect PAWS from the wheelchair in just five seconds.

The automatic locking and unlocking system is activated at the push of a button for added convenience.

A wide range of adjustment options allows for easy mounting on many folding and rigid-frame wheelchairs. Thanks to the universal clamp and adjustment system, no extra add-ons or modifications to your wheelchair are required.

LIFTING FUNCTION

Depending on your selected PAWS configuration, lifting can be carried out in two ways:

With MANUAL LIFT, once docking is complete, you can lift yourself into the driving position using the release lever on the handlebar.

With AUTO LIFT, the lifting process is automatic. Begin by pressing the red button. You will then have 20 seconds to operate the release switch on the handlebar, which activates the automatic clamping and lifting system.

AUTO LIFT has been specifically developed to support users with reduced hand function or limited upper body strength.

Important: PAWS is also available in hybrid configurations, combining either E-CLAMPS with MANUAL LIFT or MANUAL CLAMPS with AUTO LIFT.

If you require one of these options, please contact your dealer or Rehasense directly for further information.



E- CLAMPS for easy docking



MANUAL CLAMPS

4 TETRA CONTROLS

THE GROUNDBREAKING SOLUTION FOR TETRAPLEGICS

Limited hand function, often associated with high-level spinal cord injuries, can make it challenging to use a power add-on. As a result, many tetraplegic users have not had the opportunity to benefit from the independence that powered mobility can provide. We set out to change this.

The result is a set of tetra controls that can be safely and easily operated, even by users with severely reduced or absent hand function.

STABILITY

TETRA handles are available in both horizontal and vertical arm designs, suitable for right- or left-handed users. They can also be combined to meet individual needs.

The ergonomic handle shape and adjustable positioning provide bilateral support and stable, safe steering. Even when navigating corners or uneven terrain, users can maintain comfort and control.

TETRA HYDRAULIC BRAKE

Another key innovation is the adjustable hydraulic brake, specially designed for users with limited hand function. It is easy to use and optimised for weaker grip strength, making it suitable for a wide range of mobility needs.

Please note that this version is not included by default, so be sure to select it when placing your order.

WCA872580

Hydraulic Brake - City 12/14" - Tetra Hand Control - Left

WCA872590

Hydraulic Brake - Cruiser 16" - Tetra Hand Control - Left

WCA872600

Hydraulic Brake - Tourer 20" - Tetra Hand Control - Left

WCA872585

Hydraulic Brake - City 12/14" - Tetra Hand Control - Right

WCA872595

Hydraulic Brake - Cruiser 16" - Tetra Hand Control - Right

WCA872605

Hydraulic Brake - Tourer 20" - Tetra Hand Control - Right



TETRA CONTROLS WITH THE "RED SAFETY BUTTON"

The Red Safety Button is an additional safety feature. It must be pressed to activate the release switch for the AUTO-AUTO function. When the user presses the Red Safety Button, they have 20 seconds to operate the release switch. This ensures that the release switch cannot be activated accidentally while driving.

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ERGONOMICS & CONTROL

PAWS is built with comfort and adaptability in mind. Engineers, ergonomists, and therapists have worked together to develop one of the most user-friendly power add-ons available.

The handlebar setup offers extensive adjustment options. Both height and depth can be tailored to ensure the most comfortable position. This is particularly beneficial for quadriplegic and tetraplegic users.

For systems using MANUAL CLAMP & LIFT, you can choose either a short or long wheelbase. This flexibility is known as the Dual Driving Position, allowing the system to better match your posture and mobility needs.

The centrally mounted display is easy to adjust to your preferred viewing angle. It provides clear information on speed, travel distance, battery status, and any activated assistance systems. The screen's brightness automatically adapts to the surrounding light for optimal visibility in any environment.



Parking position



Touring position



City position



Standard handles



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ASSISTANCE SYSTEMS

TRACTION CONTROL

The on/off switch for Traction Control is located on the right-hand side of the handlebar.

This feature helps maintain consistent wheel-to-road contact in slippery or difficult conditions. It significantly reduces wheel spin, improving overall grip and optimising the performance of your PAWS.



TIP

You can adjust the traction control intensity in up to ten levels to suit your individual needs.

WALK

You can set a steady walking speed ranging from 2-6 km/h.



HILL-START ASSIST CONTROL (HAC)

Hill-Start Assist Control is an important safety feature that allows users to start moving on a slope without rolling backwards. By holding the brake while gently applying the throttle, users can confidently set off on inclines.

To activate HAC, press the dedicated button. The indicator will light up red for 20 seconds. During this time, the T-brake or e-brake is disengaged, allowing the handbrake to function as a parking brake.

After the 20-second interval, the system automatically re-engages the brake to maintain safety and control.

CRUISE CONTROL

A steady driving speed can be set for longer trips without the need to hold the throttle in position.



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SPEED

PAWS is supplied with a preset speed in accordance with national and local speed regulations, up to a maximum of 15 km/h.

A toggle switch allows you to easily switch between forward and reverse gears. For your safety, we recommend wearing a helmet while using the device.

BRAKES

PAWS is equipped with an electrically assisted braking system designed to maximise user safety. It includes a disc brake, two brake levers and two independent brake calipers on the drive wheel for enhanced braking performance.

This system allows braking with one hand for ease, or with both hands when stronger braking is needed.

The braking intensity can be adjusted to suit individual needs via the onboard display. For safety reasons, this adjustment should be carried out by your authorised Rehasense retailer.

HYDRAULIC DISC BRAKES

A complete set of hydraulic disc brakes is available for both standard and TETRA handles, suitable for left- or right-hand use.

The system uses hydraulic mineral oil and features fittings that are fully compatible with Shimano components.



Forward and reverse gear



TRACK ASSISTANCE



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BATTERY

The standard 48 V, 11.6 Ah lithium-ion battery offers a capacity of 557 watt-hours and takes up to five hours to fully charge. A charge level indicator is located on top of the battery, and the smart charger automatically shuts off when charging is complete.

On a full charge, PAWS can travel up to 40 km, depending on terrain, user weight and the model selected.

The battery features a convenient strap handle, clips easily into the retainer, and is secured with its own key and lock. An IATA-compliant flying battery is also available for air travel.

Battery changes are quick and easy. If you're planning longer journeys, we recommend upgrading to the dual battery holder for extended range.

INGRESS PROTECTION

PAWS has an IP54 rating, providing protection against dust and water splashes from all directions. This means rain, puddles, and general moisture will not affect its performance.

LIGHTING

PAWS is fitted with a high-performance LED headlamp that offers both high- and low-beam settings, ensuring visibility and safety in various lighting conditions.



Inserting the battery

TRACK ASSISTANCE

PAWS is equipped with our TRACK ASSISTANCE. The self-centring steering system straightens PAWS after letting go of the handlebar. This provides optimal directional stability, better driving comfort and, above all, safety while driving.



* Please note that in the area of application of the Road Traffic Act (StVO), the speed of 6 km/h may not be exceeded without compulsory insurance. When using the PAWS at 10 or 15 km/h within the area of application of the StVO, an individual approval according to StVZO and insurance according to the compulsory insurance law is necessary. Outside of Germany, it is essential that you inform yourself in detail about the country-specific legal regulations and provisions before using your PAWS.





PAWS ACCESSORIES

SMART TYRE INFLATOR

The smart tyre inflator features a built-in rechargeable battery that powers a compact compressor for convenient tyre inflation.

It automatically detects the set pressure and switches off once that level is reached. Charging is done via the integrated USB-C port.

An additional feature is the built-in LED light, which also functions as a practical torch for use in low-light conditions.

WCA872210



DETACHABLE STORAGE BAG

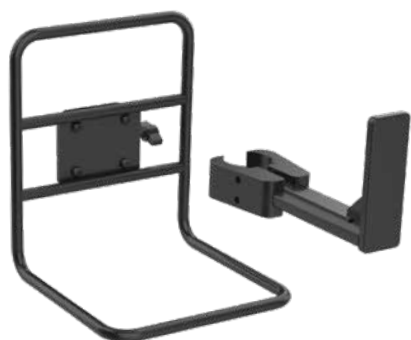
Upgrade your PAWS with a practical, detachable carrier bag designed for everyday convenience.

It features a spacious main compartment with a zip-up top and water-repellent material. On the left side, there is a mesh outer pocket suitable for holding a water bottle.

Two additional zipped pockets, one at the front and one on the right, provide secure storage for smaller items like keys or a smartphone.

To attach the bag, you'll need a mounting kit that includes a luggage carrier and support bracket. The bag simply slides onto the carrier from above and can be further secured using the supplied Velcro straps. This added fastening is especially useful when travelling over cobblestones or uneven ground.

WCA872280



Mounting brackets



FLIGHT BATTERY

An IATA-compliant flight battery is available for air travel. With a capacity of 278 Wh, it meets the requirements for carriage on passenger aircraft under IATA regulations.

The battery is quick and easy to change, making it ideal for travel. When booking your flight, inform the airline that you will be travelling with your PAWS and wheelchair, and that the battery complies with IATA guidelines.

WCA872230

Lithium-Ion Travel Battery Pack
5.6AH - Rehasense Paws

WCA872235

Lithium-Ion Travel Battery Pack
5.6AH - Rehasense Paws ECO Assist



DUAL BATTERY HOLDER

Extend your travel range by equipping your PAWS with a second battery.

The Dual Battery Holder features a toggle switch that allows you to easily switch between batteries. This added flexibility enhances your safety and confidence, particularly on longer journeys.

WCA872215



Width Adjustment
Rods: Enable
fitting to a range
of different
wheelchair widths



PACKING

PAWS is delivered in durable packaging. Keep it for future transport or returns if possible.



Accessories installation
instructions can be found here.

Each PAWS comes with a set of Allen keys



INNOVATIVE FOOT PLATE SOLUTION

This foot plate accessory is designed for wheelchairs with removable footrests.

Easy to attach, it enhances comfort and support while providing a stable, secure resting surface for the feet.

WCA872620
Footrest - City 12/14" -
Manual Lift Versions Only

WCA872630
Footrest - City 16" -
Suits both Manual & Auto Lift Versions

WCA872625
Footrest - City 12/14" -
Auto Lift Versions Only

WCA872635
Footrest - Tourer 20" -
Suits both Manual & Auto Lift Versions



MOBILE PHONE HOLDER

This practical holder keeps your smartphone visible and within easy reach. It's ideal for using navigation apps or making calls while you're on the move.

WCA872260
Phone Holder w/Manual Clamp

WCA872265
Phone Holder w/Manual Clamp
- 12mm

WEIGHTS FOR PAWS

Weights for PAWS are designed to improve traction in demanding conditions.

Each set totals approximately 10kg and can be adjusted to 7.5kg or 5kg to suit your needs. They are compatible with all PAWS models and sizes, and intended for use with standard support legs only.



TRANSPORT WHEELS

Specially designed transport wheels make it easier to lift PAWS into a car.

Simply attach one wheel to each handle, then place PAWS in front of the open boot with the wheels facing upward. Begin lifting from the wheel ends to slide PAWS into the car with less effort.



Important Notice: Using PAWS Transport Wheels

Before using our transport wheels, please consult with your dealer to ensure suitability. Ensure you understand the steps to avoid injury or damage to PAWS or your vehicle. While the transport wheels make lifting PAWS way easier, a certain level of physical strength is required.

PAWS AT A GLANCE

Extract of Technical Data



CITY 12" CITY 14" CRUISER 16" TOURER 20" x 2" TOURER 20" x 4" (FAT tyre)

Measurements (L x W x H in mm)	800 x 490 x 810	800 x 490 x 810	820 x 490 x 860	1000 x 520 x 920	1000 x 520 x 920
Total weight	from 22.5kg	from 23.4kg	from 24.24kg	from 25.4kg	from 25.9kg
Weight w/o battery, clamps and wide adjustment rods	from 15.26kg	from 16.02kg	from 17kg	from 18.18kg	from 18.68kg
Max. user weight	120kg	120kg	120kg	120kg	120kg
Engine power	350W	400W	500W	500W	500W
Max. engine torque	45Nm	60Nm	78Nm	87Nm	87Nm
Climbing capability	10%	10%	10%	10%	10%
Turning radius	100cm	110cm	120cm	150cm	150cm
Battery	48V / 11.6Ah / 557Wh	48V / 11.6Ah / 557Wh	48V / 11.6Ah / 557Wh	48V / 11.6Ah / 557Wh	48V / 11.6Ah / 557Wh
Battery measurements (L x W x H in mm)	371 x 130 x 86	371 x 130 x 86	371 x 130 x 86	371 x 130 x 86	371 x 130 x 86
Battery weight	3.3kg	3.3kg	3.3kg	3.3kg	3.3kg
Charging time (full charging cycle)	5hrs	5hrs	5hrs	5hrs	5hrs
Max. Range (with full battery charge & flat terrain)	40km	40km	38km	35km	35km
Flight battery	48V / 5.8Ah / 278Wh	48V / 5.8Ah / 278Wh	48V / 5.8Ah / 278Wh	48V / 5.8Ah / 278Wh	48V / 5.8Ah / 278Wh
Weight flight battery	2kg	2kg	2kg	2kg	2kg

* We reserve the right to make changes.

3 Models • 6 Functions • More than 30 patents pending



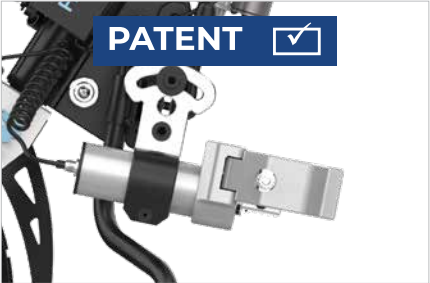
CITY
12" & 14" wheel



CRUISER
16" wheel



TOURER
20" wheel



E-CLAMPS
Automatic fixation, clamping and unclamping in seconds

WCA872385 Left - Long	WCA872390 Right - Long
WCA872375 Left - Standard	WCA872380 Right - Standard
WCA872290 Left - 220mm - 12/16/20"	WCA872295 Right - 220mm - 12/16/20"



TETRA CONTROLS
Special Tetra brake, full control without exertion

WCA872110 12" - AUTO	WCA872020 12" - MANUAL
WCA872114 14" - AUTO	WCA872040 14" - MANUAL



MANUAL CLAMP
Strong and secure, easy and universal fitting

WCA872405 Left - Long	WCA872395 Left - Standard
WCA872410 Right - Long	WCA872400 Right - Standard



AUTO LIFT
Automatic lifting, lifts and lowers the wheelchair completely effortlessly

MSP400120



MANUAL LIFT
Quick and easy
Comfortably lift yourself into the driving position



TRACK ASSISTANCE
Increased driving comfort and safety
The self-centring steering system straightens PAWS after release



ICON 60

BEST FIT FOR PAWS

THE ACTIVE WHEELCHAIR

ICON 60 is an adjustable, lightweight wheelchair made from aluminium.

To make the chair more sporty or comfortable, users can make many adjustments including the length of the frame, seat angle, and seat position to suit their needs and preferences. ICON 60 also features a backrest that can tilt forward up to 20° or lean back up to 10°, which can be folded down completely to transport easily.

MWC451500

360 x 400mm - 125kg - Black

MWC451520

420 x 425mm - 125kg - Black

MWC451540

420 x 455mm - 125kg - Black

MWC451550

460 x 455mm - 125kg - Black

MWC451560

480 x 485mm - 125kg - Black



Configuration shown:
ICON 60 + City 12", Standard Controls,
E-CLAMPS, and AUTO LIFT



TECHNICAL DATA

SWL	120kg
Weight (without wheels and seat cushion)	from 6.9kg
Seat widths	36 - 48cm
Seat depths	42- 46.5cm (1.5 cm increment)
Seat angles	6°, 10°, 13°
Centre of gravity adjustment	8 positions (1.3cm increment)

* We reserve the right to make changes.



ICON 30 FAF

BEST FIT FOR PAWS

THE LIGHTWEIGHT WHEELCHAIR

ICON 30 FAF is a stable, foldable wheelchair specifically designed for outdoor activities.

It's fixed anterior frame (FAF) and multiple adjustment options allow it to be tailored specifically for the users needs to maximise performance and comfort. Constructed from high-strength aluminium tubing with reinforced side frames, it provides a stable and safe connection for PAWS power Add-ons and the Track Wheel.

MWC451400

400 x 400mm - 125kg - Black

MWC451420

450 x 400mm - 125kg - Black

MWC451410

400 x 450mm - 125kg - Black

MWC451430

450 x 450mm - 125kg - Black

Configuration shown:
ICON 30 FAF + City 12",
Standard Controls, E-CLAMPS,
and AUTO LIFT



TECHNICAL DATA

SWL	125kg
Weight / Transport weight	13.6kg (9.6kg)
Seat widths	40, 45cm
Seat depths	40, 45cm
Width folded	35cm
Total width	63, 68cm

* We reserve the right to make changes.

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