



Yes, you can.®

ONE MOBILITY WITH INVACARE



A FAMILY OF REHAB BRANDS

A COMPREHENSIVE GUIDE OF OUR MOBILITY PRODUCTS

POWER MOBILITY | POWER POSITIONING | SEATING & POSITIONING
ALTERNATIVE CONTROLS | CUSTOM MOLDED SEATING | TILT-IN-SPACE
SPORTS & RECREATION | POWER ASSIST





Yes, you can.®

ONE MOBILITY WITH INVACARE

WHY ONE MOBILITY?

Being mobile. This is the key to living a deliberate life full of intention, opportunity, and enjoyment. This can mean different things to different people, but ultimately most people want the freedom to enhance their daily living, no matter the challenges or the limitations they face.

Invacare focuses on products and services that help people move. From those who are active and going to work or school and need additional mobility, to those who are cared for in residential care settings at home and in rehabilitation centers, Invacare proudly offers a family of rehab brands. Our brands offer a comprehensive assortment of high-performing mobility products designed to foster movement and support various patient needs.

Invacare manufactures one of the most complete lines of wheelchairs, powered seating products, electronics and accessories in the industry. Quality products such as tilt-n-space wheelchairs to Top End® athletic chairs: from custom molded PinDot® custom seating to off-the-shelf Matrx® seating and positioning solutions: from Alber power assist products to Adaptive Switch Labs for functional powered mobility, Invacare provides each user with the complete rehab solution to meet their mobility needs.

HOW TO USE THIS GUIDE

Peruse this guide to discover all the unique and high-quality Invacare products designed to work in tandem to meet mobility needs from the most basic to the most demanding use. Each section represents a different brand of Invacare products, and offers brand summaries, photos and links to learn more about each line.



Yes, you can.®

A FAMILY OF BRANDS

Invacare brands provide rehab equipment and accessories which help enable mobility and transport. It is our mission to help those who face physical challenges in daily life by giving them the devices or support they need for at-home or long-term care. Invacare offers power wheelchairs with a range of drive options and exceptional maneuverability; best in class custom manual mobility; seating and positioning products; and power wheelchair accessories.



Motion Concepts

With offices near Toronto and in upstate NY, Motion Concepts designs and manufactures a wide array of industry leading modular power positioning systems, a complete line of Matrix® seat cushions, backs, and accessories.



Matrix Seating Series

Invacare® Matrix® is an established global leader in seating and positioning products. From our highly regarded Libra™ cushion and award winning E2™ backs, our Mini pediatric line to Matrix bariatric products, we offer simple, safe and effective seating solutions to help promote the quality of life of our customers.



Adaptive Switch Labs

ASL designs products specifically for those who cannot access their environment through conventional means. Our goal has always been independence and accessibility for those with whom we work.



PinDot Custom Molded Seating

PinDot cushions and backs are proudly made in Elyria Ohio. Since 1982, PinDot has created custom molded seating solutions for end users with complex seating needs. State-of-the art technology, and computer assisted manufacturing helps us create complex seating customized for each and every customer.



Freedom Designs

Since 1981, Freedom Designs, has designed and manufactured custom seating solutions, hardware and accessories. We added wheelchairs to the mix in 1995. Located in Simi Valley California, the Freedom team is proud of its history, its ability to create seating solutions from simple to complex and our tilt-in-space wheelchairs (P.R.O.CG and NXT).



Top End

Leading producers of wheelchairs for recreation, fitness, and competition, supplying parts and accessories for sport wheelchair users. Since its beginning in 1986, Top End has produced medal-winning, performance, recreational or sports wheelchairs for the best athletes in the world.



Alber

Since 1986, Alber has created power assist solutions for a wide variety of applications. Headquartered in Germany with a US office just outside of Pittsburgh, Alber is proud of complete portfolio of power assist products for active, medium-active and passive wheelchair users. Our power assist devices give a manual wheelchair user the freedom to go where they want to go easier.

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Look for these icons throughout the guide for some extra insight!



Did you know?



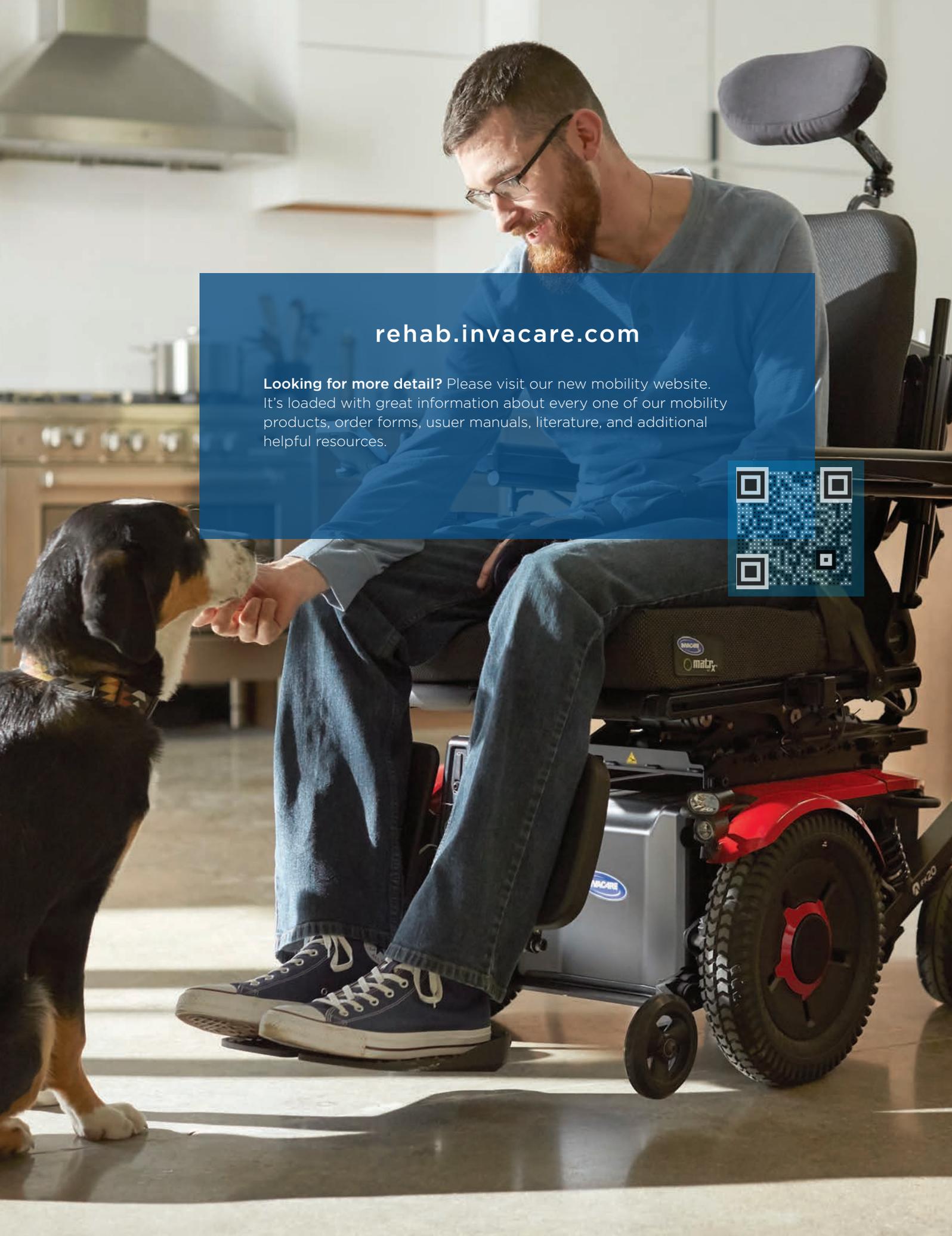
Quick Tip



Who to call?



Fun Fact

A man with a beard and glasses is sitting in a motorized wheelchair in a kitchen. He is smiling and reaching out to a dog. The wheelchair has a red frame and large black tires. The background shows a kitchen with a stove and cabinets.

rehab.invacare.com

Looking for more detail? Please visit our new mobility website. It's loaded with great information about every one of our mobility products, order forms, user manuals, literature, and additional helpful resources.





Power Mobility

The Invacare Powered Mobility portfolio features exceptional driving performance, elegant design, comfort and remarkable stability. Five bases across center-wheel, mid-wheel and rear-wheel drive platforms are designed to provide a solution with confidence born from decades of innovation, performance, reliability and driveability.

- » Invacare® TDX SP2® Power Wheelchair
- » Motion Concepts ROVI® X3/A3™ Power Wheelchair
- » Invacare® AVIVA® Storm™ RX Power Wheelchair
- » Invacare® AVIVA® FX Power Wheelchairs



Learn More

Scan this code to learn more about Power Mobility.

The Power Family

The power family utilizes design, technology, and performance to deliver products that offer maximum comfort and control.



Invacare TDX SP2 Power Wheelchair Family

The Invacare TDX SP2 Power Wheelchair with Ultra Low Maxx Positioning System and LiNX electronic control platform is designed for people seeking exceptional driving performance, smart design, comfort and remarkable stability.

- Invacare's patented core technologies provide an unmatched combination of driving performance and legendary stability
- When maneuvering over everyday obstacles, the Stability Lock and SureStep suspension technology helps to ensure the seat remains close to level and the power wheelchair maintains virtually constant six wheel contact with the ground
- Featuring LiNX Electronic Control Technology, including rehab's first touch screen interface
- Proprietary Adaptive Load Compensation helps ensure each LiNX system drives the same over time as it did on day one
- High-speed 7.5 mph motors and heavy-duty (450 lbs.) options available
- Live wireless programming provides immediate feedback on performance and function at set-up
- Take comfort and function to the next level with Motion Concepts Ultra Low Maxx Power Positioning and Invacare Matrix cushions and backs
- Quiet, sealed Invacare® DuraWatt™ motors are designed to resist water ingress and feature internal brushes for reliability and performance
- Available with single and multiple-power positioning
- 100 possible color combinations to make it yours!



Here's a quick tip!

The location of the drive wheels significantly impacts a power chair's performance in an array of situations.

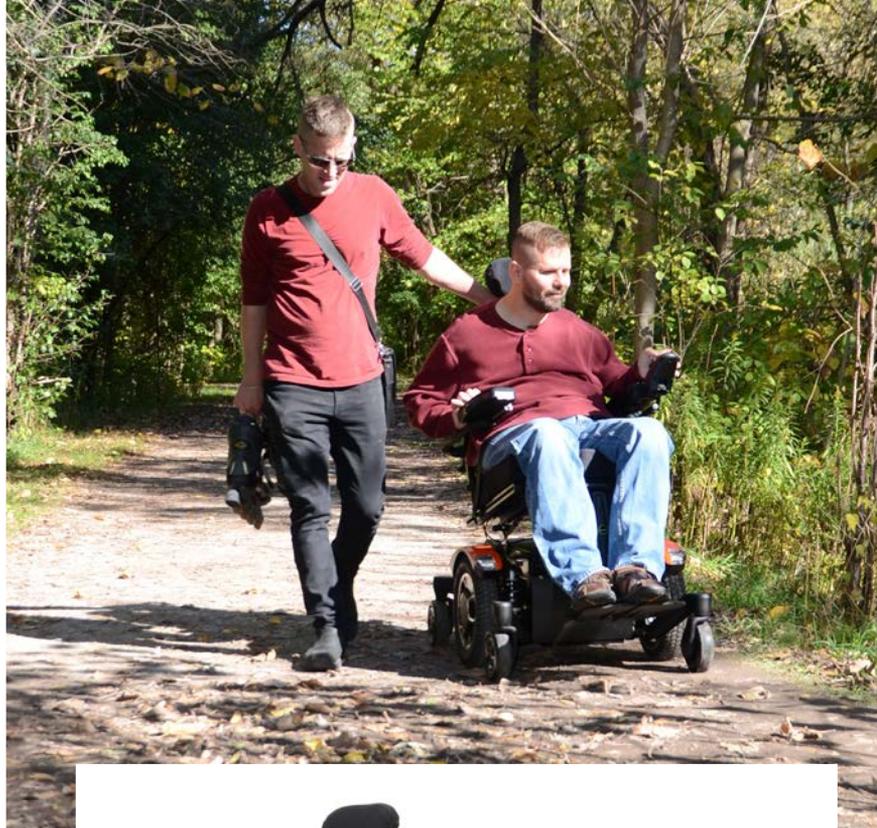


Motion Concepts ROVI X3/A3 Power Wheelchair Series

More than just another pretty face, the ROVI X3/A3 Maxx Power Wheelchair Series are real-world solutions that offer our clients greater independence and accessibility.

The versatile mid-wheel drive ROVI X3 Power Base boasts the narrowest wheelbase in the industry, precision driving and maneuverability in tight spaces. The unique frame design optimizes weight distribution by concentrating the mass through the mid-line of the base for stability and driving performance.

- Active Ride Control independent suspension and powerful 4-pole motors work together to provide superior climbing ability and uncompromised stability with a smooth, powerful ride
- Innovative on Traxx Enhanced Driving Module decreases the number of user control commands to maintain intended course over uneven or sloping terrain
- Ideal for users who utilize a non-proportional input device for drive control, such as a head array or proximity switch tray
- Make it yours with custom thermographic patterns or hand-painted fenders and shrouds
- Narrow footprint and unique chassis design makes the ROVI X3 Power Wheelchair a great fit for the mobility needs of children
- High speed 5.8 mph and 6.2 mph motors available
- Available with the full range of Motion Concepts' accessories and Invacare Matrix Seating products



Invacare AVIVA Family of Power Wheelchairs

The Invacare AVIVA family of power wheelchairs was developed with the customer experience in mind and brings new features to enhance the user, provider, and clinician experience. It utilizes design, technology, and performance to deliver a product that offers maximum comfort and control.

- The suspension system absorbs vibrations and impacts so the user is isolated from them
- Single and Multi-power chairs utilize Motion Concepts power positioning and seating to offer maximum comfort to the user
- The LiNX[®] electronics gives the user ultimate control over the functionality of their chair and when paired with Invacare[®] G-Trac[®] module helps to reduce fatigue
- Default parameters make sure set-up as simple as turning on the LiNX remote at delivery



Did you know?

Invacare Corporation pioneered the six-wheel indoor/outdoor mid-wheel-drive (TDX), circa 2003.



Invacare AVIVA STORM RX Rear-Wheel Drive Power Wheelchair

The Invacare® AVIVA® STORM RX™ Power Wheelchair has been designed to offer an impressive blend of new technologies and elegant design, for maximum comfort, stability and control when driving both indoors and outdoors.

- Clean lines, sleek angles, and a quality finish really sets the Invacare Aviva Storm RX Power Wheelchair apart from the rest
- Allows personalization to the seating system, base, and controls
- Seat-to-floor height can go as low as 16.75" while using a 14" drive wheel and Group 24 batteries to provide increased user access versus higher seat to floor height
- Easy to service thanks to the quick access to the motors, gear-boxes, electronics, batteries, shrouds, tires, and wheels
- Controller is placed at the rear of the base with all wiring and connectors clearly visible and able to swing away for battery access
- Batteries easily slide out the rear
- Expanded color options including 8 new shroud colors and 11 wheel insert colors



Invacare AVIVA FX Front-Wheel Drive Power Wheelchair

The Invacare AVIVA FX is a front wheel drive power wheelchair and the first entry under the AVIVA family name. It is designed for users looking to take advantage of the benefits a front-wheel drive wheelchair can deliver in their environment.

- Invacare® 4Sure™ suspension system is designed to isolate the chair from vibrations and shocks and to keep the seat angle virtually flat when traversing obstacles
- G-Trac is standard to help reduce user fatigue
- AVIVA FX Power Wheelchair boasts a seat-to-floor height of only 16.75 inches, even with a full-sized 14-inch drivewheel
- Comes with Motion Concepts Ultra Low Maxx Power Positioning System or Modular Power Standing System
- Colored shrouds and wheel inserts
- LED lighting lets the user see and be seen
- Easy to service due to the quick access to each of the chair components

Did you know?

Invacare Corporation pioneered the six-wheel indoor/outdoor mid-wheel-drive (TDX), circa 2003.





Power Positioning

From basic to the most complex, our highly adjustable and innovative solutions provide unparalleled function, reliability and durability, while maintaining the visual appeal that clients have come to expect from Motion Concepts products.

- » Ultra Low Maxx Power Positioning System
- » Ultra Low Bariatric Power Positioning System
- » Ultra Low Mini Power Positioning System
- » MPS Mini Maxx - Multi-Position Power Positioning System
- » MPS Maxx - Modular Power Standing System
- » 407 Maxx Power Positioning System
- » UPfront Maxx Power Positioning System



Learn More

Scan this code to learn more Power Positioning.

The Motion Concepts Brand

Motion Concepts is a Canadian based company that designs and manufactures a wide array of industry leading modular power positioning systems, a complete line of Matrix® seat cushions, backs, and accessories.



Motion Concepts Power Positioning Options

For clients of all shapes, sizes and activity levels seeking to enhance their mobility and access, or searching for support and comfort, our extensive Ultra Low Maxx Power Positioning Solutions offer safe, effective and reliable solutions.

Ultra Low Maxx Power Positioning System offers tilt, recline, elevate, lateral tilt, and power elevating legrest options. At the heart of this highly modular Maxx are the industry leading shear reduction system for reclining (ESR) and ergonomic power center mount foot platform (LNX), features that greatly contribute to ultimate client positioning.

Ultra Low Maxx Bariatric Power Positioning System offered in numerous configurations to best accommodate the varied individual needs of today's larger clients.

Ultra Low Mini Power Positioning utilizes the narrow footprint of the base and meets the power positioning needs of our smaller customers.

MPS Mini Maxx - Power Standing System combines enhanced mobility with the ability to achieve a standing position throughout the day and provides our smallest consumers with a unique combination of independence, function and accessibility.

MPS Maxx - Modular Power Standing System combines a power standing function with a full range of power positioning options, all in a modular design that provides consumers with a unique combination of independence, function and accessibility.

407 Maxx - Single Pivot Tilt Power Positioning System offers a simple yet effective design that optimizes the geometry of the ROVI bases for maximum stability while providing up to 40° of Posterior Tilt with 7° of Anterior Tilt as a standard configuration.

UPfront Maxx module combines a full tilt & recline power positioning system with approximately 7" of Seat Elevation and 5.5" of Forward Shift while opening the seat-to-back angle, this system can enhance access to ones' environment and improve positioning for performance of daily activities.



Did you know?

Each Motion Concepts system is designed to seamlessly interface with virtually every power base in the industry while allowing you to choose from modules such as center-of-gravity tilt, recline, precline and elevating seats.





Seating & Positioning

Invacare® Matrx® Seating and Positioning is an established global leader, committed to innovation, high quality and superior product performance. From cushions to backs and headrests, including pediatric and heavy-duty models, we have a solution to accommodate a diverse range of needs. Refer to the Invacare Matrx Seating Series Product Guide for full details.

- » Cushions
- » Backs
- » Accessories



Learn More
Scan this code
to learn more
about Seating &
Positioning.

The Matrx Seating Brand

The extensive line of Invacare® Matrx® Seating and positioning products are the perfect complement to our power positioning systems. From our highly regarded Matrx Libra™ cushion to the incredibly adjustable line of Matrx Posture and Elite Backs, we continue to strive to enhance the quality of life for our customers.



Cushions

Invacare® Matrx® Libra™/Libra Adjust Cushions

The Invacare Matrx Libra Cushion is designed with the highest level of skin protection, positioning and adjustability for unique user needs. It is specially contoured to provide balance and stability to the pelvis, optimizing body function. Recommended for highest risk of skin breakdown.

Invacare® Matrx® PSP Cushion

PSP (Posture Seat Polymer) cushion combines all the great features of the PS with a polymer overlay for extra protection and shear reduction. Another great choice for a very wide range of individuals requiring superior skin protection and comfort.

Invacare® Matrx® Vi/Kid*ab*ra-Vi Cushion

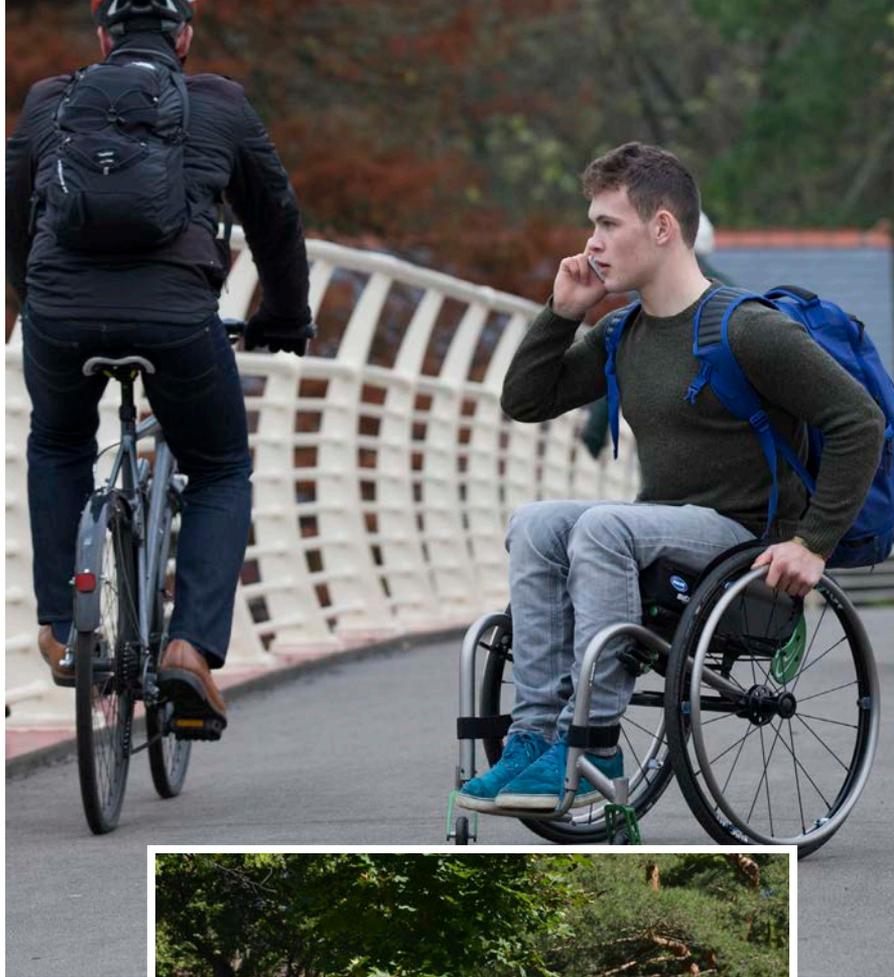
The Matrx® Vi Cushion is designed to provide skin protection and positioning for individuals at moderate to high risk of skin breakdown. The unique three-part foam construction targets skin protection where it is needed most, and features excellent stability, support and comfort. Available in pediatric to bariatric sizes.

Invacare® Matrx® PS Cushion

The Matrx® PS (Posture Seat) Cushion is exceptionally lightweight and anatomically molded for superior positioning, stability and comfort. Our innovative reversible cover makes it a great choice for a wide range of individual needs, including pediatric, geriatric, bariatric and highly active.

Invacare® Matrx® Protect Cushion Slipcovers

Matrx Protect Slipcovers are especially designed for Matrx series cushions to aid with the best infection prevention and control practices. The “shower cap” style slipcovers are easy to apply and remove and made with highly stretchable, non-slippery Startex material.



Did you know?

You can personalize your chair with Matrx?



Matrix Backs

Invacare® Matrix® Elite E2™ Back Series

The NEW Matrix E2 Back Series has taken back support to a new level! Introducing hardware updates and new accessories for the best fit and easiest set up ever. New leading edge Ripple Foam technology provides temperature/moisture control and enhanced immersion for the most comfortable support ever.

Invacare® Matrix® Protect Back Slipcovers

Matrix PROTECT Slipcovers are shower cap style for ease of use and designed to add an extra layer of protection to our award winning E2 backs.

Invacare® Matrix® Mini Back

The Matrix Mini Back is specially designed for kids of all shapes and sizes. Available in appealing colors and patterns, the low-profile design puts kids first, while the popular MiniSet hardware providing easy adjustment for support and growth.

Invacare® Matrix® MX2 Back

The Matrix MX2 designed for active users who demand the best. The solid carbon fiber construction offers unmatched comfort, support and peak performance. Hardware available for fixed or quick release applications.

Invacare® Matrix® TR Back

The Matrix Elite TR back is specially designed for use in manual or power tilt only or tilt/recline applications. It includes an extra layer of SuperSoft foam for improved immersion and comfort, and full support across the shoulder area.

Invacare® Matrix® Bariatric Backs

The Matrix Elite and PB Heavy Duty backs are specially designed to meet the needs of larger and heavier individuals. With a weight capacity of 500 lbs, and sizes up to 30" wide, they offer exceptional fit, comfort and durability.

Invacare® Matrix® PB Back

The Matrix PB Posture Backs feature wraparound upholstery and gently contoured molded foam for moderate support, and maximum comfort. Available in standard or deep contour models.



Accessories

Invacare® Matrix® Headrests

The Invacare® Matrix® Elan® and Loxx headrest hardware offer a high level of adjustability with maximum durability. The full range of Elan headrest pads combine to add comfort for a wide range of individual needs.

Invacare® Matrix® Arm Support

A variety of arm pads and arm troughs are available.

Invacare® Matrix® Back Accessories

A range of laterals and other supports designed to compliment our full range of Matrix backs.

**Matrix
Complete
Seating
Solutions**



**Power
or Manual
Mobility
Solution**



**CUSTOMER
SATISFACTION**

CUSHIONS



BACKS



ACCESSORIES



and MORE!



Looks good, feels good! Safe and effective seating for the widest range of clinical needs. Designed to provide support, protection and comfort for kids and adults of all shapes and sizes. Easy to install and adjust, the trusted Matrix Seating Series is sure to please.

**POWER MOBILITY
SOLUTIONS**



- ▶ Motion Concepts ROVI® X3 Series Power Wheelchair
- ▶ Motion Concepts ROVI® A3 Power Wheelchair
- ▶ Invacare® TDX® SP2 Power Wheelchair
- ▶ Invacare® TDX® SP2HD Power Wheelchair

- ▶ Invacare® AVIVA® Series Power Wheelchair

**MANUAL MOBILITY
SOLUTIONS**



- ▶ Invacare® SOLARA® Custom Manual Wheelchair

- ▶ Freedom Designs P.R.O. CG™ Custom Manual Wheelchair
- ▶ Freedom Designs NXT™ Custom Manual Wheelchair
- ▶ Top End® Wheelchairs

Fun Fact!

One of our Top Ten Reasons to switch to the Elite E2 Back Series NOW! Our Headrest interface which can be installed in less than one minute without removing the back cover. And it looks great.





Custom Molded Seating

Both the PinDot® Silhouette® Cushions and the PinDot® ContourU® Systems represent state-of-the-art technology and computer-assisted manufacturing to produce custom contoured seat and back cushions for precise support and excellent stability.

- » PinDot ContourU
- » PinDot Silhouette



Learn More
Scan this code to learn more about Custom Molded Seating.

The Pindot Brand

PROUDLY MADE in Elyria, Ohio! Our custom seating solutions are a direct result of working together with our partners: clinicians, end users, ATP's, and our PinDot team of customer service reps, designers and PinDot manufacturers. We are PinDot.



PinDot ContourU

With PinDot ContourU, user simulation creates an individually shaped support surface for optimal support and stability and a precise individual fit that is designed to provide exceptional pressure redistribution and positioning.

Multiple finish options include 'naked' foam with a removable cover for increased comfort or non-removable vacuformed vinyl for stability and increased foam protection.

PinDot Silhouette

The PinDot Silhouette creates optimal product contouring through user simulation or molding for positioning and balance within the wheelchair frame. Featuring precise, custom-carved polyurethane foam in soft, firm, or extra firm for pressure redistribution and positioning, even with orthopedic asymmetries.

PinDot Silhouette Custom Basic

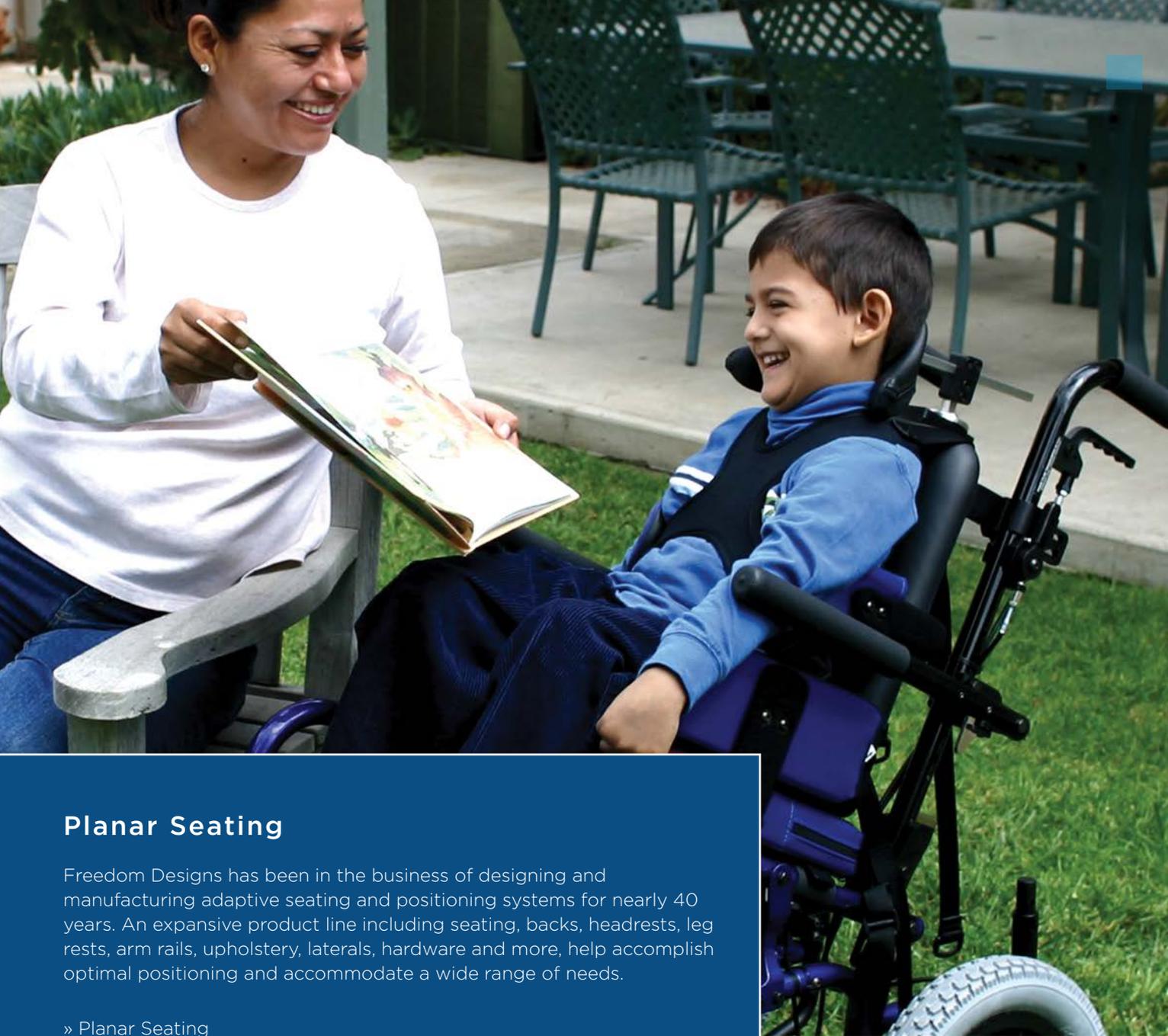
The PinDot Silhouette Custom Basic sets simulation aside and allows you to design a cushion to fit the needs of your client. Start with pre-captured shapes, use measurements from your mat evaluation and specify any needed modifications through our computer-aided design software, or fill out an order form and let PinDot do the work for you.



Did you know?

PinDot was founded in 1982 in Chicago. In 2019 we made the most cushions and backs in the history of the company.





Planar Seating

Freedom Designs has been in the business of designing and manufacturing adaptive seating and positioning systems for nearly 40 years. An expansive product line including seating, backs, headrests, leg rests, arm rails, upholstery, laterals, hardware and more, help accomplish optimal positioning and accommodate a wide range of needs.

» Planar Seating



Learn More

Scan this code to learn more about Planar Seating.

The Freedom Designs Brand

Freedom Designs began as a seating company in 1982. Since then we've been helping clinicians and ATP's create the right seating system for our customers. We're happy to partner with you.



Planar Seating

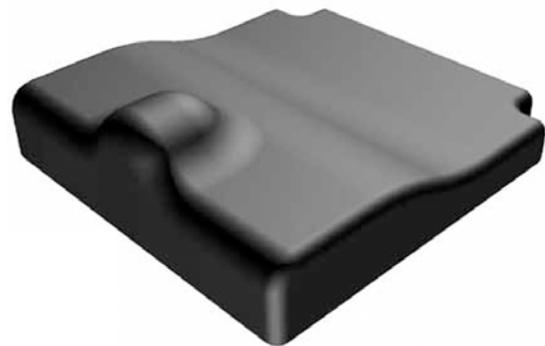
With so many options to choose from, we know that planar seating can get complicated fast. That's why we've created a number of seating bundles and common items to make it a bit easier. And speaking of easy, Invacare's full line of seating solutions can all be installed on chair including Matrix, IVC, PinDot and of course planar seating.

The Easy Conforming Back

Contoured design with ultimate adjustability and quick release. The back hugs the contour of the body with curved panels to provide a custom fit. This custom back fits under the custom back code - E2617*.

Simply Seating

We've created two simple kits where everything included rolls up into one part number for the seat and one part number for the back. Simply seating has the custom seat code - E2609* and the custom back code E2617*. It's never been easier to order planar seating from Freedom Designs.



* Providers are responsible for determining the appropriate billing codes when submitting claims to the Medicare program, and should consult an attorney or other advisor to discuss specific situations in further detail.

Fun Fact

We can custom embroider seats and backs to make them more personal for our customers.





Alternative Controls

Through ASL's work, dedication, and ingenuity, countless clients of all ages have had the opportunities to demonstrate their potential with alternative access and gained functional independence with powered mobility and communication. People who most thought were incapable of powered mobility-have gained functionality and success in power that few thought possible.

- » ASL FUSION Head Array
- » ASL UNO Single Switch Scanner with Bluetooth
- » ASL MOLECULE Joystick
- » ASL ATOM Electronic Head Array



Learn More

Scan this code to learn more about Alternative Controls.

The ASL Brand

ASL is dedicated to assisting clients of all ages and abilities to gain functional independence with powered mobility, communication and access to their environment through technology.



ASL FUSION

The ASL 110 FUSION Proportional and Digital Head Array* is designed as a multi-use drive control. The functionality built in through programming will allow it to be used for a wide variety of patients with a wide range of diagnoses. The FUSION will allow a person to control the speed and direction fully proportionally. The adjustability options are designed to fit customizable needs and progressions of disabilities.

*Patents Pending



ASL UNO

The UNO Single Switch Scanner with Bluetooth is designed so that a person that has only one consistent switch site available can control multiple things with one switch; this includes power wheelchair movement, seat functions, phones, tablets and communication devices. An Attendant Control comes standard with the UNO which works in conjunction with the Drive Control. This will allow the attendant to assist the patient when they need it without totally taking over or changing to another drive setting. While in Bluetooth or auxiliary mode the patient will be able to use their phone or communication device and the attendant can control the movement of the chair.



ASL ATOM

The ASL ATOM Electronic Head Array system has combined electronics within the head array for ease of access to the switch ports. With a touch of a switch, the ATOM Electronic Head Array can be used as a wireless switch interface for computer access or AAC devices. Switch settings and adjustments allow simplicity in how the ATOM Electronic Head Array functions. The directional indicator helps a clinician/provider see when a client is accessing a switch. An adjustable switch timer gives the client ease of access to all the other wheelchair functions.

ASL MOLECULE

The ASL Molecule Joystick is the lightest touch joystick offered by ASL. It takes only 8 grams of force to displace from neutral and requires only 3 millimeters of movement to reach full throw. Designed for someone with weakness, this joystick can keep a patient driving proportionately instead of having to move to a digital system.

Did you know?

Honored with the 2020 RESNA Leadership Award for significant contributions to the advancement of assistive technology and rehabilitation engineering, ASL continues to create products and designs that are in direct response to the needs of those we serve.





Tilt-In-Space

Tilt-in-Space chairs are designed to help users with a variety of needs including: pressure relief, improving postural stability, pain reduction, thoracic extension to assist with respiration, daily activities of living including hygiene and digestion.

Our Tilt-in-Space chairs offer both a tilting function and a reclining function. While some Tilt-in-Space users can move themselves, most of the time a care giver is involved. Our chairs have been created with both the patient and the caregiver in mind.

- » Invacare® Solara® 3G Tilt-in-Space Wheelchair
- » Invacare® P.R.O. CG Manual Wheelchair
- » Freedom Designs NXT Manual Wheelchair



Learn More

Scan this code to learn more about Tilt-In-Space.

The Tilt-in-Space Family

Invacare has made Tilt-in-Space chairs for decades. We have two rigid chairs - the Solara and the P.R.O. CG and one folding chair the NXT.



Invacare Solara 3G Tilt-in-Space Wheelchair

The Solara 3G has been a tried and true leader in the Tilt in Space category for years. The Invacare Solara 3G Tilt-in-Space Wheelchair offers adjustability and is easy to tilt.

- Sixteen frame welds provide durability and strength
- 300 lb. standard weight capacity and 400 lb. HD option available

Invacare P.R.O. CG Tilt-in-Space Wheelchair

Meet the P.R.O. CG, a center of gravity tilt-in-space chair designed to be compact and light weight. The P.R.O. CG has been awarded multiple patents for the innovative way the chair tilts. It's reliably built with meticulous detail in our Freedom Designs manufacturing facility in Simi Valley California.

- Easy to Adjust: Center of gravity, depth, width, and castors
- Easy to Maneuver: Short base frame at 21.75"
- Easy to Tilt: Stainless steel tilt arc, 8 self-lubricating ball bearings

Freedom Designs NXT Manual Wheelchair

The NXT is a lightweight folding tilt-in-space chair. With the NXT there are no compromises between durability and portability. The NXT incorporates the best design features of both folding, and non-folding tilt-in-space mobility. It is lightweight, compact and portable yet strong, durable and dependable.

- Easy to Adjust: Seat width and depth
- Easy to Maneuver: Lightweight (21.5 lbs.) and folding
- Easy to Tilt: Hand and foot activated tilt



Fun Fact!

Freedom Designs had the honor of working with the Olympic Games to develop a bracket for attaching the Olympic Torch to 200 wheelchairs for the 1996 games in Atlanta!





Adaptive Sports

Our Technology. Your Achievement.

Wheelchairs for recreation, fitness and competition. Top End is the brand of adaptive recreational equipment, that helps to discover potential, through the most exciting product portfolio and technology born from competition. From basketball wheelchairs to recreational handcycles and elite racing wheelchairs, like the Top End® Eliminator™ NRG Racing Wheelchair, Top End is the brand for everyone from everyday champions to world-class athletes.

- » Handcycles
- » Sports Chairs
- » Racing Chairs: Competitive & Beginners
- » All Terrain



Learn More

Scan this code to learn more about Adaptive Sports.

The Top End Brand

Top End is the brand of adaptive recreational equipment, that helps to discover your potential, through the most exciting product portfolio and technology born from competition



Top End Racing Chairs

The Eliminator NRG Racing Wheelchair is Top End's fastest, lightest, stiffest and most responsive ride available designed for elite racers seeking to be at the top of the podium.

A carbon fiber main frame provides increased tensile and yield strength, giving racers a smooth ride and controlled handling while the 200-gram full carbon fork features an aerodynamic design that flows into the headtube, creating clean lines for a sleek appearance.



Top End Handcycles

Developed in collaboration with industry experts, the Invacare® Top End® Force™ NRG Handcycle is the most competitive handcycle in the Invacare Top End Force Series, making it the choice for elite athletes. Designed with competition and great attention to detail in mind, the Force NRG Handcycle.

Top End Sports Chairs

Get in the game! Which game? ANY game! The Top End® Pro™-2 All Sport Wheelchair is all about sports. Basketball, tennis, softball, table tennis, badminton, floor hockey or any other court sport.

Top End All Terrain

The Invacare® Top End® Crossfire™ All Terrain Wheelchair is the monster truck of wheelchairs and is designed to leave some serious tracks. Do you like to hike, fish, camp, hunt, kayak, garden or go to the beach? You can do it all with the Crossfire All Terrain Wheelchair.

Did you know?

NBC will be airing 1200 hours of the Tokyo Summer Paralympics, including 4 hours of primetime coverage? This is a huge step for adaptive sports and inclusion! Be sure to tune in this summer!





Power Assist Solutions

Alber power assist solutions range from wheels designed to amplify the user's pushing force to systems that virtually convert a manual wheelchair to a power wheelchair for the best of both worlds, to a power stairclimbing device that safely removes the obstacles of steps. Regardless of which Alber power assist solution you select, they are all designed with one goal in mind: help enable users and their caregivers to experience mobility, safety and independence.

- » SMOOV® one
- » Alber e-motion® Power Assist
- » Alber twion® Power Assist
- » Alber e-fix® Power Add-On
- » Alber scalamobil® Stair Climber



Learn More

Scan this code to learn more about Power Assist Solutions.

The Power Assist Family

Alber offers a wide selection of power assist devices. With the launch of our new award winning power assist device the SMOOV and our next generation e-motion the M25, you truly have the freedom to choose your power.



Simply mobile.

SMOOV one

The SMOOV one is an innovative electric drive that you can easily dock on to and off your wheelchair whenever you need some extra power. This modern and sporty power unit significantly increases the driver's mobility.

- Speed of up 6mph
- Range up to 12 miles
- Slope of up to 16%
- Weighs only 16 lbs.



Alber e-fix Power Add-On

Turn your manual wheelchair into a compact electric wheelchair with the e-fix add-on drive. The drive can be individually programmed and can therefore be adapted perfectly to your personal needs. The electric add-on drive is the simple way to increase your freedom of movement. The e-fix also allows you to cover greater distances and handle slopes effortlessly.

- Speeds of up to 3.75 mph
- Portable power: Take the e-fix wherever you want to go. Components can go on and off without tools.
- Joystick for the user or for an attendant



Alber scalamobil Stair Climber

Every single step is an obstacle if you are no longer able to independently climb stairs due to illness or disability – be it at home, at the doctor's office, in public buildings or when visiting friends and relatives. The scalamobil makes difficult routes accessible again.

- Climbs all kinds of stairs: steep, windy, narrow, wood, stone or carpet
- Fits most manual wheelchairs
- Safe and comfortable thanks to ErgoBalance and IQ with safety sensors



Fast Fact!

Our products are proudly manufactured in Germany and distributed out of our U.S. office near Pittsburgh PA.



NEW



Alber e-motion Power Assist

The idea behind of the e-motion is simple: You can add the e-motion drive wheels to almost any wheelchair using two discrete adapters. While moving, sensors built into the push rims measure your drive movement and provide you with the desired power. Compared to our previous generation of e-motion the M15, the M25 is stronger, faster, lighter and smarter.

- Each wheel is 17lbs. compared to 23lbs. for the previous generation
- Maximum user weight has been increased from 286lbs. to 330lbs.
- Speed has been increased from 3.7mph to 5.3mph
- New mobile app opens the door to a plethora of features including Cruise Mode

Alber twion Power Assist

The twion features hub motors that propel the chair in proportion to the user's push. The state-of-the art electric motors are equipped with the most modern software and electronics to provide the extra power needed to travel further and more efficiently.

- Easy to transport: easily detach the wheels with our quick release feature
- Speeds of up to 6mph
- Lithium ion battery powers the device for up to 12 miles



Fun Fact!

Alber also develops and manufactures high-end propulsion systems for e-bikes under the brand name Neodrives.





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