



ACCEPTANCE  
ACCOMPLISHMENT  
AGILITY ▶ BALANCE  
FRIENDSHIP

**FREEDOM**  
*Concepts*  
Inc.

TM

SMILES THAT LAST!

*Creating a CYCLE of mobility*  
**CREATING A CYCLE OF mobility**<sup>TM</sup>

1.800.661.9915 ◀ [www.freedomconcepts.com](http://www.freedomconcepts.com)



# Contents

What is Freedom to you?	Page 2
Our Cycle of Mobility	Page 3
Multi-User vs. Single-User	Page 4
Which F3 Bike is best for you?	Page 5
Features, Benefits & Medical Justifications	Page 6-10
Freedom 3 (F3) Mobility Devices	Page 11
DCP—Discovery Series	Page 12-13
AS—Adventurer Series	Page 14-15
ASR—Adventurer Series Semi-Recumbent Series	Page 16
JPR—Journey Prone Recumbent Series	Page 17
ATP—Adventurer Series Tandem	Page 18
ET—Excursion Series Tandem	Page 19
EHD—Expedition Handcycle Series	Page 20-21
HSR—Heritage Series	Page 22
EX—Explorer Series: Balance Bike, Biker & Classic	Page 23
F3 Product Size/Features Guide & Warranty	Page 24
Freedom Climber/FCI Walker	Page 25
Funding, Fundraising, Butts On Bikes & Sponsorship	Page 26
Bike and Chair Registry	Page 27
Rock'er Roll'er Chill-Out Chair	Page 28
Foam Quality/Size & Fit Guide/Options	Page 29
Fun Tactile Fabric Covers	Page 30
Autism Spotlight/Accessories	Page 31
President's Message, Friends of Freedom, Customer Service Contact Information	Page 32

JJ—FCI RIDER SINCE 1993  
WITH GRANDFATHER JOHN.  
PLEASE RIDE RESPONSIBLY.  
ALWAYS USE PROTECTIVE  
EQUIPMENT AND HEADGEAR.



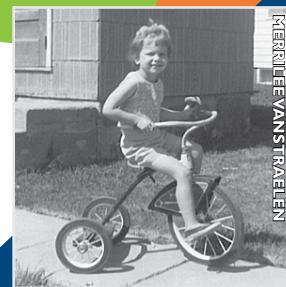
GOLIN—PRODUCTION SUPPORT TECHNICIAN



JAMES—  
SENIOR ACCOUNT  
REPRESENTATIVE



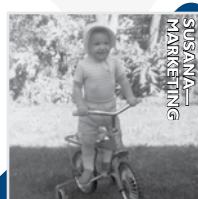
DAVID—  
SENIOR ACCOUNT  
REPRESENTATIVE



MERRILEE VANSTRAELEN



KEN VANSTRAELEN



SUSANNA—  
MARKETING



JASON—ACCOUNT  
REPRESENTATIVE



ALVIN—  
WELDER



BRIAN—  
KUTTER WELDER

## What is Freedom to you?

For Ken Vanstraelen, the quest for freedom began with his company KV Designs that primarily dealt in sporting goods and the manufacturing of rickshaws and roller hockey sticks.

His friendships and commitment in the community inevitably led to a request. Could he adapt a bike for a child with special needs? These requests continued and so Freedom Concepts' entrance into the Health Care Industry began.

Ken started building mobility devices not because he or anyone in his family was differently-abled but because it was the right thing to do. That same passion to follow one's heart is shared by the genuine people who work on his team.

At Freedom Concepts, we all have wonderful childhood memories of riding our first bicycles. Ken and his staff, pictured in the black and white photos at left, want to give that same exhilarating

*Our CYCLE of mobility*

# Freedom

... it means something different to everyone.

At Freedom Concepts Inc., it means “*Creating a CYCLE of mobility*” for recreation, therapy, fun and mobility for anyone who is willing to try. Our Therapeutic Solutions are handcrafted with pride, quality and ingenuity and allow individuals as young as 18 months old through to adulthood to experience part or all of our *CYCLE of mobility*.



## Reciprocating

Your ride  
begins on  
Page 11



## Crawling

Please see  
Page 25



**FREEDOM**  
Concepts  
Inc.

**Freedom Climber**



## Walking

For more, see Page 25



## Chilling

Check out Pages 28-31

**CHILL-OUT**  
Rocker Roller  
ALTERNATIVE SEATING™



opportunity to anyone willing to try riding. No matter your physical limitation, Freedom Concepts wants to create mobility for you.

2011 is our 20th Anniversary and to celebrate, we are giving away 20 Bikes!

To be eligible for your chance to win, request a no obligation FCI quote and describe to us “What Freedom is to you?” Write a poem, send in a video, create

a photo essay, submit a short story or even paint/draw us a picture. Or come up with your own creative way to represent “What Freedom is to you?”

For more details and to enter online visit  
<http://www.freedomconcepts.com/contests/free-bike/>

If our existing product lineup does not suit your specific needs, we will custom-build something that will. Give us the need and we will find the...

**Concepts!**

**FREEDOM**  
Concepts  
Inc.

## ***Freedom Concepts Mobility Devices are completely customizable.***

Our devices are made either for a specific individual's needs or a multi-user environment. Options like one arm or one finger steering can offer a wide range of flexibility with easily adjustable features for a particular rider.

In private or institutional settings, our Mobility Devices are used as therapeutic tools to reach therapy goals and in most cases to create mobility when no other device can.

## ***Multi-User Environments***

Over the years, Freedom Concepts has built wonderful relationships with many facilities across North America, to name a few:

Alfred I. duPont Hospital	Lakeview School
Children's Hospital Los Angeles	New York University Hospital
Cincinnati Children's Hospital	NOMC Euro-Peds
Cotting School	Pediatric Fitness Center
Gillette Children's Specialty Healthcare	St. Louis Children's Hospital
Hasbro Children's Hospital	Sunny Hill Health Centre for Children
HMS School for Children with Cerebral Palsy	Schwartz Center
LA Children's Hospital	The Bridge School

These centers use our bikes everyday to reach their clients' therapy goals through use either as a passive range of motion device to break up tone and spasticity or under the rider's own power.

F3 Mobility Devices are a versatile therapy tool in terms of fit and function.

Quick release adjustability allows therapists to change features like seat height and steering easily on the fly from one client to another.

Riding the bike can be used as a warm-up or as part of core therapy activities. Then again it might be the incentive for therapy well done!

## ***Recreational Single-User***

*"Freedom Concepts bikes are fantastic! They are made well and my daughter with CP is completely independent with her bike. We looked at bikes from other companies but Freedom Concepts' Customer Service was excellent and made the entire process easy."*

*—Anna Marie Champion, Reaching for the Stars*

On a recreational level, children on their very own Freedom Concepts Mobility Devices experience social equalization with their new-found ability to join able-bodied siblings and friends in rides around the neighbourhood.

Using the bike at school promotes peer acceptance and understanding. This fun therapy tool can be ridden in the school hallways or outside for gym class.

No matter if cycling is for therapeutic or recreational purposes, the thrill of the freedom ride is fun and exciting. Child, mom, dad and therapist —it makes everyone happy!



*"Motivation, acceptance, pride, self-control, initiative, incentive, balance, strength, stability, and above all, independence" is how therapists and families describe the effects of our mobility devices.*

*I use a Freedom Concepts' bike with just about every child that I work with. I often begin their 4 hour intensive therapy session with a 15-20 minute bike ride to actively warm up their muscles prior to their stretching and strengthening activities. Riding the bike encourages increases in range of motion, teaches reciprocal patterning of the lower extremities, and improves motor planning skills that carry over into many other functional activities in their lives. The Freedom bike is most effective due to the many adaptations that can be done to fit children of varying levels of strength and function. Just about every child that I see with neuromuscular impairments (typically CP) is able to learn how to ride a Freedom bike. In my 5+ years as an Intensive Pediatric Physical Therapist, I have found the bike to be an essential and fun adjunct to most every child's therapy program."*

—Angela Jackson, PT

## Which F3 Bike is best for YOU?

### ► What is the rider's inseam measurement?

Measure inside seam to the bottom of the foot, with client wearing shoes. Our mobility devices can accommodate functional inseams from 6 inches to 32 inches or more.

### ► What is the rider's height and weight?

F3 Mobility Devices offer a wide range of heights and weights and allow for a minimum of 6" of growth on every model.

### ► What is the rider's diagnosis?

The rider's condition can affect positioning and strength.

### ► Where and how will the device be used?

Whether the rider is independent enough to ride around the neighbourhood with siblings and friends or will be using the mobility device primarily inside a school with doors of varying widths and under constant supervision makes a difference in the bike you choose.

Your answers help paint a picture of the rider and their needs and will quickly determine the correct sized mobility device necessary in each case.

Once you have selected your bike, the next step is to fill in our Evaluation Form. These are available as a PDF Download at:

<http://www.freedomconcepts.com/products/evaluation-forms/>

Please call us at 1-800-661-9915 and a Customer Service Coordinator would be happy to assist you.

Once completed, please submit the Evaluation Form

Attention: Freedom Concepts Order Desk

a) by fax to 204-654-1149 or

b) by email to [mobility@freedomconcepts.com](mailto:mobility@freedomconcepts.com)

JOSH, TEACHER PAM & TYLER—  
CHILL IN ROCK'ER ROLL'ER CHILL-OUT CHAIRS

JADE—FCI RIDER SINCE  
2007 WITH BEAR POLLY

## Features, Benefits & Medical Justifications

Listed here are many special features that can be built into Freedom Concepts Mobility Devices, complete with a photo and followed by a brief description of what they do. *In italic point form beneath are the medical justifications, where applicable, for each feature.*

At Freedom Concepts, we pride ourselves on finding the concept to fulfill the individual special need!

## Seating Systems



### Seat Base & Back Rest

Secure and stable seating covered with a *sticky vinyl* helps maintain the rider's position. Contoured seating is available in child, adult and custom sizing, with low (7.5") or high (18") seat backing. Seat heights are adjustable. Custom modifications and seat personalization available.

- *Aids in pelvic stability*
- *Assists in trunk balance without loosing trunk mobility*



### Child/Adult Narrow Seat Base

The narrower seat nose (center bottom) allows small and long rider's legs to move up and down with less restriction while providing proper seat alignment. Standard child seat base is top left; and adult seat base is top right.



### Seat Base with Raised Pummel

The 2" raised pummel keeps riders further back in their seats.

- *Provides better pelvic stability*
- *Aids in preventing abduction*



### Chest, Lap & Hip Belts

Offered in various widths and lengths, the chest, lap and Neoprene hip stabilizer belts work in conjunction with the seat and back styles to maintain the rider's seating position and safety.

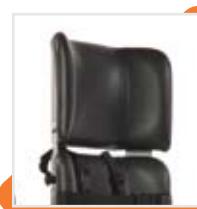
- *Offers trunk stability*
- *Holds pelvis back and in*
- *Promotes safe positioning*



### 4-Point Chest Harness

The 4-point butterfly design enables riders to maintain an upright body position, allowing them to focus their attention on the mobility aid. The chest harness can be added to a high-back style seat for complete trunk support. Available in medium and large sizes. Made of stretchable and washable Neoprene.

- *Helps support those with torso weakness and spinal deformities, as well as riders with respiratory weakness and upper extremity muscle disorders*



### Removable Head Rest

The removable head rest extends the seat backing height an additional 7" to provide head and neck support and can be removed for ease of transport. Custom heights available.



### Adjustable Head Rest

Removable and adjustable, this head rest slides up and down to accommodate various trunk and head heights.



### Custom Mount of Head Rest Support Bracket

Seat backs can accommodate custom mounts for rider-specific head rests. Head Rest and Mounting Kit sold separately.



### i2i Head & Neck Positioning and Support System

This great therapeutic tool works on active head control.

- *Improves eye contact*
- *Promotes socialization*
- *Improved saliva management and decrease in drooling*
- *Improved ability to communicate and interpret responses*



### Custom Mount of Lateral Support Bracket

Seat backs can accommodate custom mounts for lateral extensions for additional trunk support.



### Abductor

This removable divider maintains leg/knee separation during pedaling. Mounts securely to frame. Constructed of durable, lightweight plastic.

- *Provides better balance and support*
- *Assists in hip alignment and foot placement in footplates*
- *Promotes a neutral hip position*



### Adduction Strap

The padded leg adduction strap helps keep legs together.



### Simulated Sheepskin Child/Adult Seat Covers

Use these seat covers on those hot days to reduce the friction of the sticky vinyl. It's soft and comfortable too!



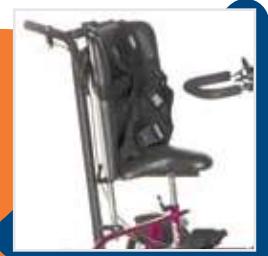
### Anti-Abrasion Triptex™ Child/Adult Seat Covers

Triptex™ is a revolutionary fabric: breathable, fluid proof, antimicrobial and abrasion resistant to prevent chafing.

## **FCI Unique Feature: Seating**

Our custom designed Seating System has many unique features.

- The position of the seat belt keeps the rider back in the seat.
- The sticky vinyl helps maintain proper riding position and promotes pelvic stability.
- The double post system allows for easy up-and-down adjustability.
- Specialty headrests, lateral supports and chest harnesses are no problem to add.
- Keeping the rider's position secure allows for more power to be transferred directly to the pedals and creates a more productive cranking movement.



The Freedom Concepts bike can be adjusted as the child grows. The high back provides greater safety. Children who cannot sit by themselves can actually sit on the bicycle and be safe on their own.



## **Braking Systems**



### Brakes

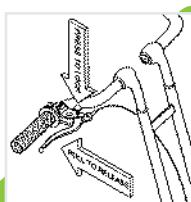
Brakes are available in front caliper or Vee brake in addition to rear band or disc brake styles as shown. A brake lever can be placed on the rear assist T-Bar or rear-steering handle, for caregiver control.



### Parking Brake

Install the parking brake on one or both of the rear wheels or purchase separately as an add-on to your current Mobility Device. Not available on DCP Mini.

- Provides safety for mounting and dismounting



### Locking Brake Handles

Locking hand-lever controls make mounting/dismounting safer for the rider.



### Pedal Brake

A pedal brake can be added for riders with the ability to coordinate braking with their legs as well as for those having limited hand function. New Nexus internal propulsion system available with coaster brake. (Available on ASR 2011 & ET 2611 only.)

## **FCI Unique Feature: Rear Steering**

The optional rear-steering system allows the caregiver to steer, or brake from the rear of the mobility device. Once the rider becomes more comfortable with reciprocal movement, an adjustment can be made allowing the rider to control, or assist with the navigation of the bike.

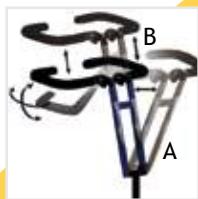
- Assists in increase of self pedaling
- Increases motivation
- Increases safety
- Supports behavior management
- Assists in vision perception
- Assists in sense of orientation

**NEW** **Cable Actuated Rear Steering**  
(Available only on ASR 2011 & ET 2611.) See Page 19.

## **FCI Unique Feature: Adjustable Rear Steer Extension Handle**

The variable height adjustment gives extra distance between the bike and the caregiver and is an excellent addition when the bike is ordered free wheel. Use the safety strap when jogging for added control.

## Handlebar and Steering Systems



### Handlebar Adjustment

Handlebars allow for individual height adjustment, full rotation, infinite steering alignment and fold-away ability (A). Handlebar stem height (B) can be adjusted in order to be size appropriate for the rider.



### Locked/Unlocked Steering Adjustment

Locked, the steering mechanism is fixed in position. Unlocked, it is fully functional with rear-steering model.



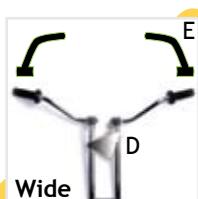
### High Rise Handlebars

The U-bar length (C) is available in three heights: 6.5", 9.5" or 12".



### Hoop/Closed Loop Handlebars

Either option makes for easier positioning with spastic riders. Handlebars can be tilted closer to the body and gripped from three locations: top, side or bottom. The hoop can also be fully enclosed.



### Wide Handlebars

Shown here with nameplate (D). Excellent for special dedications and corporate identification.

### Bar End Extensions (E)

These extensions facilitate reaching and grasping. Available on all models.

### **FCI Unique Feature: Handlebars**

Handlebars work in conjunction with rear-steering and seating systems to provide:

- Increased or development of head/trunk alignment
- Upper extremity support
- Trunk stability
- Shoulder-girdle resting place
- Maintenance of body in midline position
- Growth adjustment
- Asymmetrical compensation
- Ease of transfer
- Adaptability of hand grip
- Exchangeability of handlebars



### Velcro Gloves

Velcro gloves are ideal for those with low spasticity control to help maintain a firm grasp on the handlebar. The flexible and breathable material with a small extension allows the caregiver to attach the rider's hand to the particular device being used, using a Velcro tab.

- Aids in gross grasp
- Assists in upper extremity propping



### Self-Centering Spring

The spring maintains the straight direction of the device without operating the handlebars.

- Decreases over-steering
- Assists in focusing skills



### Single-Arm Steering Kit

This bike was specially built for a boy with one arm and one finger. Give us your specific need and we will adapt our mobility device for you!

## Propulsion Systems



### Direct Drive Gearing

When the Mobility Device is in motion, the feet are also in motion, that is, there is only one gear. The automatic motion trains the rider's legs to move in a reciprocal motion, consequently building muscles, which may lead to independent rider propulsion of the bike. (Not available on ATP 2600 & ET2611.)

- Allows for ease of starting
- Allows rider to use momentum to maintain inertia
- Allows rider to pedal backwards
- Enables motor planning



### Multi-Speed Gearing Options

(F) Nexus 8 Speed Shifter More info Page 19. (Available on ASR 2011 & ET 2611 only.)

### (G) Derailleur Style

Gearing allows riders to adjust between first through seventh gear and to choose their pedalling comfort level. Single-speed gearing is also available.

- Accommodates lower extremity weakness



### Direct Drive Reciprocator

Manually turn the reciprocator on to allow for direct drive—when the Mobility Device is in motion, the feet are also in motion.

### Manual Freewheel

The off position allows for freewheel—when the mobility device is in motion, your feet are not necessarily in motion.





### Pedal Power

To suit an individual rider's needs, pedal power gear ratios are available in Easy, Average and Challenging.

- More mechanical advantage



### Crank Arm Length

Crank arms are available in lengths from 2.5"-5". The shorter the crank arm length, the more suitable for limited range of motion.



### Multi-Length Crank Adapter

A multi-length crank adapter can be used for even greater adjustability of range of motion or excellent for multi-user centers.

## FCI Unique Feature: Adjustable Crank Position Hip/Feet Ratio

Adjustability of pedal location enhances ease of pedaling with reciprocal gratification.

- Assists in proper hip and knee alignment
- Helps increase range of motion and endurance
- Assists in strengthening anti-gravity muscles
- Assists in co-ordination of leg movement
- Increases gait pattern and reduces tone
- Helps increase blood circulation
- Provides a cardiovascular workout



### Electronic Assist Motor

The electronic assist motor is an excellent option for riders going on extended bike rides, for those who need assistance on inclines or for tandem riding.

## Wheel and Tire Systems



### Wheels

Wheels are offered in aluminum, steel and ABS Plastic. To protect those curious little fingers, spoke covers are available in a set of three.



### Tires

To get great traction both indoors and outside these tires are available in Smooth (City Slicks) or Knobby (Off road) styles.



### Solid Tires

You'll never have to pump a tire with air again. These never-go-flat tires are perfect for a multi-user environment and are ideal as a maintenance free no-scuff option. (Available in 12", 16" and 20" only.)



### Removable Rear Wheel

These are available on AS 2000, ASR 20, HS 20 and HSR 20 models only. To assist in ease of transport and to save space during storage, quick-release rims can be easily removed from your Mobility Device. (Available only in 20".)



### Suspension Fork

You'll look cool with this uniquely styled front fork complete with shock absorbers. It's an affordable option to achieve a 4° seat tilt by increasing the front wheel height.

- If you require, lighter weight custom frame options include chromoly or titanium.
- Standard Lifetime Warranty is offered on all product frames.
- Great new features and products are constant through R&D innovations.

## Frame Colors



BLUE



RED



BLACK



PINK



YELLOW



AMBER



METALLIC  
BLUE



METALLIC  
ORANGE



CANDY  
BLUE



GRAPE



HOT ROD  
PURPLE

Please Note: Frame Colors as shown are NOT 100% accurate and are for representational purposes only.  
Manufacturer reserves the right to change frame colors without notice.

## Pedal Systems



### Basic Pedal with Velcro Strap

The Velcro straps help keep the rider's feet on the basic pedals (A).

### Mountain Style Pedal (B) or with Cage (C)

A durable outdoor pedal is available with or without a cage covering top half of the foot.



### Neoprene Adjustable Footplate

Our Neoprene *boot style* footplate is a quick and easy way to maintain proper positioning. Riders can apply the optimal amount of pressure on the pedal with easy to adjust Velcro strapping. Grooved slots on the footplate allow for fine-tune adjustments to properly match the individual's hip to feet ratio. Pedal: 9/16" or 1/2". Size: S, M, L, XL.



### Molded ABS Footplates

These specially designed footplates provide precise positioning for children with more spasticity. By positioning the feet of those individuals who tend to twist them, maximum pedaling ability is ensured. Pedal: 9/16" or 1/2". Size: XS, S, M, L, XL.

- Assists in leg alignment
- Aids in neutral hip/knee flexion to maximize push-down strength

Submit a foot tracing or shoe measurements along with your completed Evaluation Form (See pedal section). Download PDF Forms from <http://www.freedomconcepts.com/products/evaluation-forms/>



### Pedal Blocks

Blocks are used to compensate for irregular leg lengths and to extend the bike's usability as the rider grows. Spacers are sold in 1/4" increments.



### Abductor Leg Brace

The brace includes set of (above) Molded ABS Footplates.

- Assists in proper leg alignment
- Decreases plantar flexion
- Aids in abduction



### Toe Pulley System

The toe pulley system keeps footplates level if the rider cannot maintain ankle/foot control.

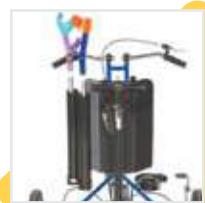
- Assists completion of cycle of revolution
- Decreases plantar flexion, which allows for ease of pedaling



### Indoor Stationary Trainer

You can cycle indoors for comfort on those bad-weather days. The fully portable and very compact manual system comes with three sets of rollers and is adjustable for different sized bikes.

## Accessories



### Cane/Crutch Holder

The holder is great for more ambulatory riders who use walking aids and are able to get around once they have arrived at their destination.



### Communication Tray

The tray allows the non-verbal rider to carry their assistive technology device and is most effective when mounted in conjunction with our handle-bar system in the locked position. (See U-bar locked steering adjustment.)



### Mobility Device Cover

The cover can be used for those owners with limited space who need to store their mobility device outdoors or simply keep the dust off. Our custom-fit cover has an integral casing on the bottom hem through which a bike lock can be secured and is made of water-proof fabric. Check with us to ensure the cover fits your Mobility Device.



### Oxygen Tank Holder

A convenient storage system can be built to suit the rider's own O<sub>2</sub> tank. The DCP Mini Rear Basket Platform can also accommodate an oxygen tank.



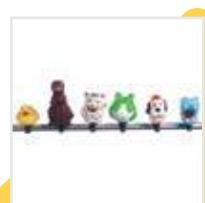
### Rear Platform

Made of ABS Plastic on the DCP Mini and steel on all other models, the removable Rear Platform acts as a solid base for any storage container.



### Sun-Shade Canopy

On those extended bike rides, don't forget the sun-shade canopy to protect the rider from the elements.



### Animal Squeaky Horn or Bell

Squeaky Horns are available in various fun and colorful animal shapes for those riders without the fine-motor skills for a bell.



FRIENDSHIP &amp; FREEDOM!

Think about going for a ride:  
the wind, the sun, the friendship.

## It's *Freedom* defined!



Freedom 3 Mobility Devices allow people with disabilities and special needs to enjoy this same freedom and a host of therapeutic and social benefits.

With control of the mobility device comes freedom. And with freedom comes play. Everyone of every age and ability needs to play. Riding a Freedom 3 Mobility Device enables play and boosts self-esteem. It also allows the individual—whether child or adult—to experience the fun and social recreation of cycling, as well as the pure joy of independence.

*"When shy people in wheelchairs are fitted into devices...after five minutes, they're riding on their own. Their position has changed to upright and there's a smile on their faces. Hope, independence, pride and accomplishment shine through."—Sarah Yates-Howorth*

We're told the smiles last.

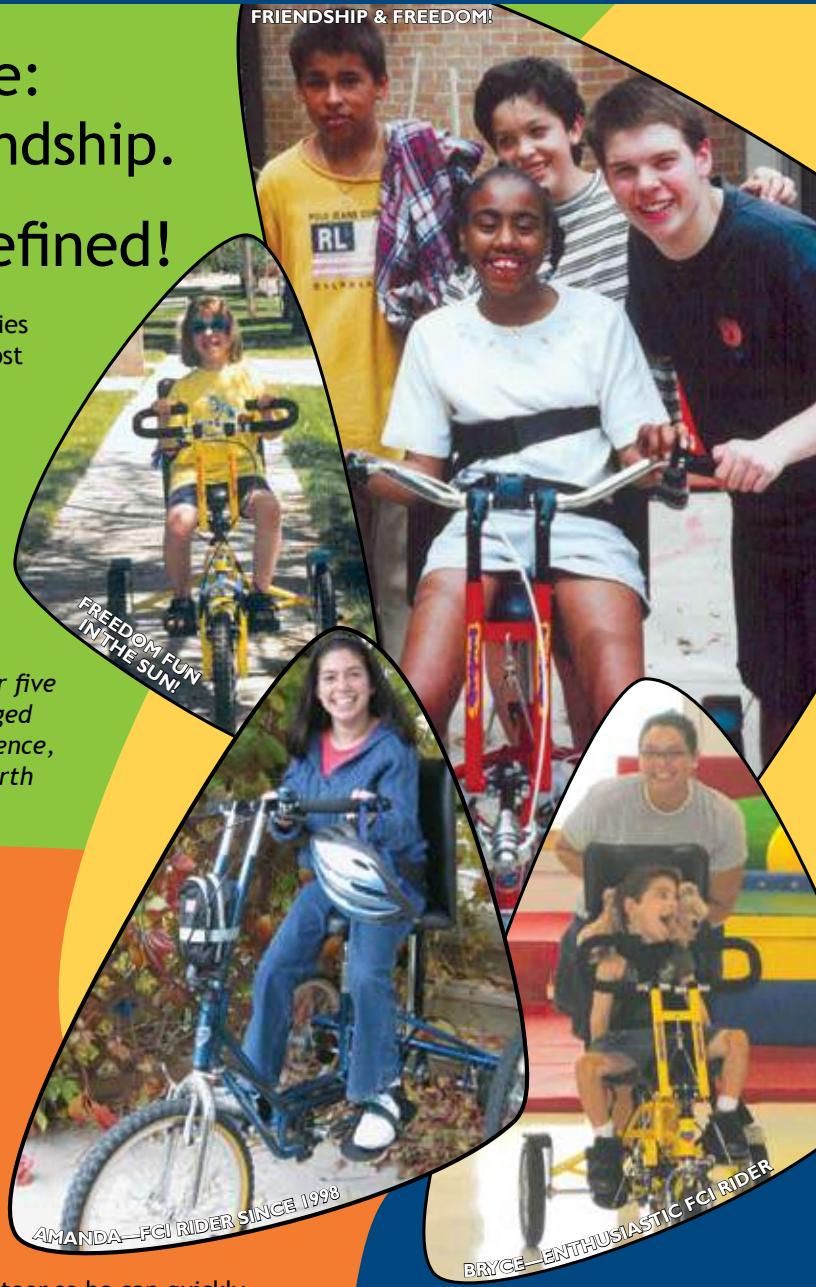
### FCI Rider Spotlight

It's been 10 years since Amanda, now 19, was provided a Freedom Concepts Bicycle from a local funding source. Amanda, who has Cerebral Palsy, says riding her bike makes her feel "Happy. I can do it with my family."

Whether riding her bike at home or school, with the Girl Guides or at their cottage in the Lake of the Woods, Amanda's mom, Laura, says "Amanda has always had a blast riding her bike." And adds, she is always wearing her helmet!

Their many biking adventures include the entire family. With brother Christopher, 16, and sister April, 13, mom, dad and Amanda have biked over hills and through campgrounds.

Amanda's father, Ken, usually rides with one hand on his bike and another on

FREEDOM FUN  
IN THE SUN!

AMANDA—FCI RIDER SINCE 1998

BRYCE—ENTHUSIASTIC FCI RIDER

Amanda's rear steer so he can quickly assist her if necessary.

Amanda rides her FCI bike for both exercise and fun and would like to tell other children and their parents thinking about purchasing a Freedom Concepts bike that "Kids can ride with their families otherwise they will miss out on a lot of fun."

Amanda graduated High School in 2007 and will continue in her program at Fort Richmond Collegiate until she is twenty-one. Way to go Amanda!

*"It's my belief, as a physical therapist, that every child have the opportunity to ride a bicycle. Often times, children with a physical disability don't have the strength, the motor control or the ability to ride a regular bike. The Freedom Concepts bikes allow children to learn how to ride a bicycle and to be safe at the same time."*

*—Deborah Huntsman Lannom, PT*

# DCP—Discovery Series

Discovery is the Mobility Device that started it all! Today it's the bike that children and young adults want for its funky design, bright colors and great ride. More than Freedom, Discovery lets individuals create their own *sense of cool*.

From those with simple balance problems to those more involved cases of Cerebral Palsy, Spina Bifida, Down syndrome, Head Injury, Muscular Dystrophy, Autism and Dwarfism, Discovery offers therapy and fun.

With quick release mechanisms, Discovery adapts easily from one rider to another, making it the choice of many therapists, schools, and care facilities. Discovery is designed to provide excellent stability and to fit through standard door openings.

The lightweight, agile Discovery rides on 12" or 16" wheels and is loaded with features:

- Adjustable handlebars can move completely out of the way for dismounting.
- Adjustable seat in low back or high back styles comes complete with safety belts.
- A unique bottom bracket and crank can be adjusted in all directions to accommodate different hip to feet positions.
- A discreet Rear-Steer Assistance Handle lets the rider learn to ride and stop with a little help.
- Direct drive and low gear ratios make pedaling easy for a beginner, yet challenging for an aggressive rider.
- Velcro straps keep feet on the pedals and optional supporting footplates.
- Locking hand brake mechanisms make for easy mounting and dismounting.
- And you can have all of this in a wide array of powder-coated color options.

For additional stopping power, rear-brake controls can be mounted on the handlebars or on the Rear Steer Assistance Handle for caregiver operation. Velcro gloves provide superior hand control and are a great accessory.

Spoke covers, enclosed chainguards and parking brakes are just some of the safety features to consider when ordering your F3 Mobility Device. Be sure to use your orange safety flag included with your purchase.

For those with allergy concerns, all FCI products are latex free.



## DCP—Discovery



**DCP MINI**

Frame color shown: Rainbow with **NEW** Jungle Decal Package



**DCP 12**

Frame color shown: Hot Rod Purple with **NEW** Beach Decal Package

### Enclosed Chain Guard

Constructed of ABS plastic, the chain is enclosed to protect extremities from the chain and sprocket.

### Footplates

Footplates are available in *boot* style Neoprene Adjustable or Molded ABS to aid in proper positioning. See Page 10 for details.

## FCI Rider Spotlight



Libby was like any other 7 year old, happy and energetic and living with Cerebral Palsy. Ken Vanstraelen first met Libby and her mother Marnie in 1995 and soon had Libby riding her first Freedom Concepts bike. Here's what she had to say at the time:

*"I rode this bike in the walkathon and everyone said 'cool bike'. Yesterday, I rode my bike to school and everyone said, 'Libby, you rode your bike to school' and they said it was cool so I was real happy that everybody said that to me. That's what I like about it."*

After outgrowing her first bike, Libby generously donated it to another family, providing freedom and helping to begin the CYCLE of mobility for another young rider.

Libby's next F3 bike was an ASR 20 (See Photo Page 15), a bike built specifically for young adults. As Libby says, *"The second bike was more about wanting to stay in shape."*

Stronger leg muscles and increased lung capacity were just some of the positive results she enjoyed.

When asked about what she would say now to other children and their parents who are considering buying a Freedom Concepts bike, Libby says, *"There are so many benefits for the kids. It allows you to be a kid and interact with your peers in a whole new way beyond the classroom. I remember that it made me feel really good about myself and when other kids saw it I was often excited to talk about how great it was and was able to form new friendships because of the bike."*

Today, Libby is in her early twenties. She is attending Community College and studying to obtain her Para Educator Certificate in order to work with special needs students. *"Who knows?"* says Libby now. *"Someday I might be helping them with their first Freedom Concepts bike!"*

*"The thrill of seeing a physically disabled child sit safely on a bicycle is priceless. To watch legs that really don't have the ability to pedal actually rotate around on the Freedom Concepts bike is extraordinary."*



DCP 16

Frame color shown: Candy Blue



DCP 16 WG

Frame color shown: Yellow

Also available as a DCP 12 WG

► **Wide Glide Extended**  
The Wide Glide Extended features a frame that is 9" longer and available with 12" or 16" tires. It is recommended for individuals with Dwarfism.

*six year old's face light up as he feels like one of the crowd."*

*—Heidi, William's Mom*

Check out William's *Extreme Makeover: Home Edition!* story on [www.freedomconcepts.com](http://www.freedomconcepts.com).



**FREEDOM**  
Concepts  
Inc.



# AS-Adventurer Series

Therapy made fun! The Adventurer, in single and tandem styles, brings cycling to life for everyone. If you require some stability in your ride, the Adventurer's full 34" rear stance gives you all the support you need.

The Adventurer offers the same list of features as the Discovery Series, with an added dimension of comfort and support for the mature rider. As with Discovery, the handlebars, seats and crank mechanisms are adjustable. The Adventurer's walk-through design and step-on platform make getting on as easy as sitting down in a comfortable chair.

For stopping safety, the Adventurer has two rear brakes with controls that can be mounted on the handlebars. If the rider is unable to operate the hand lever, one can be positioned on the Rear-Steer Discreet Assistance handle for a companion to operate.

There are two Adventurer single models with 20" and 26" tires. Both models offer a direct-drive system so you can pedal backwards to build momentum to go forward, a single gear freewheel option or seven speeds so you can enjoy an easy cruise or athletic challenge.

*"It also really helps with muscle strengthening and endurance and the reciprocal motion replicates the movement needed for walking, so they can learn to do that in a non-weight bearing position, and really get the feel of how the reciprocal movement feels, which is really important for your brain so you can learn how to take steps in a standing position."*

*—Deborah Huntsman Lannom, PT*



JJ ENJOYS MANY CYCLING ADVENTURES ON HER F3 MOBILITY DEVICE

## AS-Adventurer



AS 2000

Frame color shown: Metallic Blue  
Also available as AS 2000JR with Child's set-up.



AS 2000N

Frame color shown: Olive Green  
Narrow frame is excellent for use in schools and facilities with tight doorways.

### Parking Brake

A parking brake can be installed on one or both rear wheels to provide safety for mounting and dismounting. Not available on DCP Mini.

## Adventurer Semi Recumbent

The semi recumbent position was born out of the need for one of our Freedom Concepts' welders. Johnny, wanted to use an FCI made bicycle in an MS Bike Race in honour of his mom who was diagnosed with Multiple Sclerosis.

It was crude to start but taking our proven Adventurer Series upright design and stretching it out allowed us to provide a lower seat height for ease of transfers—with the addition of our high ratio steering system, the ASR was born.

John passed that first unit over to his mom and to this day she is still using it. Who knew that the idea, so conceived, would be such a perfect solution for his mom and for hundreds of other would-be riders since?

Riders can be those with less involved Cerebral Palsy, Multiple Sclerosis, Muscular Dystrophy, Stroke; Down syndrome, Autism, Brain Injury and Obesity.

The Adventure ASR 20 is offered in a Rear Steer model so riders can enjoy extra assistance, if needed, from a friend or family member. It's all about control, maximizing the enjoyment and experiencing the therapy of riding.

For riders under 5'4", try out the ASR 20 JRxtreme and throw on a seven speed derailleur and they'll be cruising the Strand or their favorite riding path, or meeting the school Physical Education curriculum in the school gym.

*LIBBY—FCI RIDER SINCE 1995. SEE PAGE 13 FOR FULL STORY.*

*"I think these bikes are wonderful. They are named perfectly in that Freedom is what they give the kids. When Libby goes out with her friends on her wheelchair, the differences between her and her friends, it's never forgotten. On the bike, as she puts it, the other kids are jealous because it's such a cool looking bike. They can just takeoff and forget about the differences between them."*

*—Marnie, Libby's Mom*



### FCI Unique Feature: Universal Joint Steering

Adventurer Semi Recumbent bikes feature universal joint steering that enables the rider to steer the bike with an action similar to that used when steering a car, as opposed to a pushing motion. It is perfect for those with a limited range of motion in the upper extremities.

## Series



**AS 2000HD**

Frame color shown: Green  
Frame is 5" longer and made with heavy duty tubing.  
Includes custom seat and rear steering, heavy duty rims and solid tubes.



**AS 2600**

Frame color shown: Black  
Shown with headrest extension.



**ASR 20**

Frame color shown: Metallic Blue  
Frame is 6" shorter in ASR JR size.

Want Multi-speed? Long distance gearing? A lightweight frame? It's your choice! You can customize your bike to have as many options as you like. And with your therapy and/or recreational goals in mind, we can build to suit your every need.

**NEW**

## *ASR—Adventurer Semi-Recumbent Series —*



KEVIN—FCI RIDER SINCE 2010

The ASR 2011 has many **NEW & IMPROVED** features especially in the Seating and Steering Systems.

The 22" Transfer Height (with Seat) is low to the ground for easy transferring and allows a natural position when getting on or off the bike. The stable extended three-wheel design enables persons with limited range of motion to have their legs further forward providing increased pedal power.

Here's **What's NEW:**

- Adjustable Seat with greater inseam range (was 21"+, now 19"-34")
- Over 7" of forward/backward Seat Movement within a wide channel
- Adjustable Seat Angle with 10° Tilt Range
- Cable Actuated Rear Steer
- High Ratio Side to Side Steering
- Lock/Unlock Steering
- Nexus 8 Speed Shifter

**NEW**



### **FCI Unique Feature: High Ratio Side to Side Steering**

The **NEW** steering system enables greater turning control with limited side to side movement because it multiplies the turning adjustments to the front wheel.

The immediate directional response makes steering easy for those with limited range of motion in the upper extremities.



## *Semi-Recumbent*



ASR 2011

Frame color shown: Metallic Blue  
Shown with Nexus 8 Speed Shifter  
Add an optional Rear Platform.



ASR 2011 RS

Frame color shown: Metallic Blue  
Shown with Cable Actuated Rear Steer, Direct Drive and **NEW** Denim Decal Package.

### **FCI Unique Feature: Multi- Adjustable Seat**

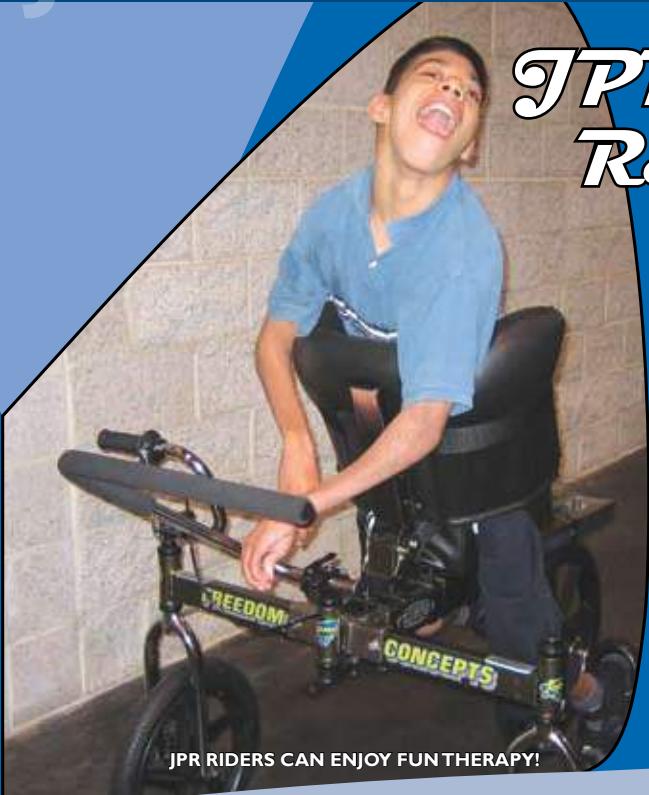
Increased inseam range can now accommodate riders with a minimum 19" inseam.

The Seat slides effortlessly with over 7" of forward/backward movement.

The Seat Angle has a 10° tilt range allowing for a more comfortable, semi-recumbent riding position to further reduce pressure points.



## JPR—Journey Prone Recumbent Series



JPR RIDERS CAN ENJOY FUN THERAPY!

The Journey Prone Recumbent is certainly unconventional. But that's what makes it work so well for people with Cerebral Palsy, particularly those with high extensor tone and/or poor head and trunk control.

Benefits can include:

- Increased muscle strength
- Stimulation for reciprocal leg movement
- Improved ease in getting on and off the bike
- Improved ability to steer, pedal and brake
- Improved range of movement
- Improved head control and upper limb use
- Enhanced motor-planning skills and hand/eye coordination

The best part of therapy on a F3 Mobility Device is that it is fun, so the patient stays motivated!



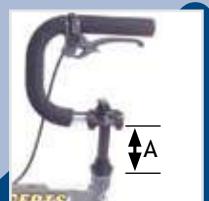
### Large Foam Handlebars

The handlebars provide easy grip and more control for the rider. The JPR also comes with a side-assistance handle.



### Locking Hand Brake

A locking brake helps ensure safe transference of the rider.



### Side Assistance Handle

The stem height (A) can be specified as desired.



### Abduction Leg Pads

These comfortable leg pads keep legs apart and prevent chafing.



### Spoked Wheels & Tubeless Tires

Smooth operation is guaranteed for years with high density plastic spokes and never-go-flat inserts.

### Fully Adjustable Seat and Chest Support

This support allows the JPR to maintain a custom fit for the original rider or easily adjusts to accommodate any number of different users.

## JPR—Journey Prone Recumbent Series



JPR 120



JPR 160



JPR 200

*"You guys made my son the Journey Junior and I wanted to let you know, we've had it two weeks now and his hamstrings are completely relaxed. I can straighten his legs out and I've never been able to do that before. I can't believe what I've seen. I just wanted to let you know it's a super great product."*

*—Tina Hill*

## ATP—*Adventurer Tandem*



JJ AND JOHN ENJOY THEIR TANDEM RIDING ADVENTURES

**NEW**



### On/Off Reciprocator

Available on the ATP 2600 Tandem only, the reciprocator allows the rear rider to engage/disengage the front rider pedals on the fly and is perfect for extended family bike rides.

**NEW**



### Electronic Assist Motor

The motor is an excellent option for riders going on more lengthy bike rides, for those who need assistance on inclines or for tandem riding.



### Rear Platform

Made of steel, the removable Rear Platform acts as a solid base for any storage container.

The best way for some folks to enjoy a ride in the great outdoors is a bicycle built for two. The driver steers and controls the device from the rear. The rider in front, whether visually or physically challenged, can enjoy all the benefits of cycling, including the fresh breeze on their face.

Seven speeds mean both riders can enjoy easy starts and cruising. The 38" wheelbase at the back provides ultimate stability. The adjustable front seat with a high or low back, complete with safety belt, accommodates different riders, and different hip-to-feet positions with adjustable front bottom bracket/crank.

With the ability to turn the front rider's reciprocal (leg) movement on and off, it is now no problem to take that favorite person on that long leisurely cruise through a favorite area.

If preferred, ease the load with lighter custom frames options including chromoly or titanium.

*"The bike that started it all,  
steering from behind!"*  
—Ken Vanstraelen

## Tandem



ATP 2600

Frame color shown: Blue

Shown with ABS Foot Platform perfect for front riders who cannot reach the pedals. Available as ATA 2600 with adult seat for front rider.

## *ET—Excursion Tandem Series*

The **NEW & IMPROVED** tricycle built for two! Now many of the tandem's benefits have been made even better. Here's **What's NEW:**

- Lighter chromoly frame weighs 30% less than the original ATP/ATA 2600 Tandems (Frame only weighs 20 lbs)
- Integral On/Off Reciprocator engages/disengages front rider pedals allowing for longer cruising (No more derailleur)
- Adjustable Seat with greater inseam range (Front Rider 16"-30", was 20"-26") now moves up/down and forwards/backwards
- Lower open frame design allows for ease of transfer (Frame Height 17.5" without Seat)
- Reliable Nexus 8 Speed Shifter (No more fussing with derailleur or stretched cable)
- Cable Actuated Rear Steer (See FCI Unique Feature below)

The **NEW** lighter weight frame and 8 speed shifter make starting and cruising even easier while the 38" rear wheelbase maintains ultimate stability. The lower 22" Transfer Height (with Seat) and no bars obstructing legs makes transferring easy and the improved quick adjustable seat now allows for an amazing 26" inseam range—perfect for growth or to accommodate different riders.

The rider in front enjoys the wind in their face while the driver in behind steers and controls the device with the **NEW** Cable Actuated Rear Steer.



### **FCI Unique Feature: Cable Actuated Rear Steering**

The same FCI Unique Rear Steering concept still allows the Tandem Driver to steer or brake from the rear of the mobility device.

The **NEW** Cable Actuated Rear Steering System provides greater turning control with less resistance on the rear handlebars.

- Increases safety and device control
- Assists in increase of self pedaling
- Increases motivation
- Supports behavior management
- Assists in vision perception
- Assists in sense of orientation



ET 2611

Frame color shown: Metallic Orange with **NEW** Skeleton Decal Package



### **Multi Adjustable Seat**

Increased inseam range can now accommodate riders with a minimum 16" inseam. The Seat slides effortlessly with 18" of additional forward/backward movement to facilitate ease of transfer.



### **Nexus 8 Speed Shifter**

This reliable internal hub is designed with a shifting power modulator for smoother, quieter shifts, and increased efficiency. No maintenance required.

**NEW**

## EHD—*Expedition Handcycle*

### EHD AAR (Recline)



**EHD AAR 66**

Frame Color: Black

Decal Package: Going for Gold Limited Edition

Expedition Handcycles are made for anyone willing to try the sport of handcycling for the first time or you may want to upgrade components if you are a seasoned rider with competitive aspirations.

Each bike can be individually tailored and as simple and easy to use as the rest of the F3 Mobility Devices.

The EHD AA Recline model is designed specifically for quadriplegics. With an adjustable back rest angle of 30-45°, the rider's weight remains back on the seat and all effort can be focused on propelling with arm strength.



## *Spinal Cord Injury (SCI) Spotlight*

Individuals with moderate to severe SCI may experience a more sedentary post therapy lifestyle. This however, does not have to be the case. With current innovations in technology, many can enjoy a wide variety of exercise, including cycling.

Over the past 10 years, Handcycling has transitioned from a cycling enthusiast's activity to a full Paralympic event. Paraplegic and Quadriplegic athletes alike, have been able to experience the thrill of competition, build lean muscle mass, and strengthen their cardiovascular systems to near pre-injury levels.

This increased level of fitness may help reduce the chance for common health issues related to individuals with mobility challenges. Please note that those who wish to undertake this or any form of intense athletic training should first consult a physician or therapist.

**EHD**  *Expedition Handcycles*



**Going for Gold**

## *Soldier Ride Spotlight*

From its humble beginnings in 2004, when Chris Carney of Long Island, NY, completed an incredible coast to coast ride, to a now national multi-rider event, **Soldier Ride** continues to help provide veterans with a renewed sense of freedom.

Working to raise funds for Wounded Warrior Project, a nonprofit organization that provides programs and services to severely injured service members during the time between active duty and transition to civilian life, the **Soldier Ride** raises approximately a million dollars annually.

For **Soldier Ride**, many veterans with lower body SCI or amputation, ride on Handcycles. The ability to be on the open road, with the sun and wind on their face, truly empowers these heroes. Their strength propels them through the ride with a sense of duty and accomplishment knowing their fundraising efforts are assisting fellow brothers in arms.

**FREEDOM CONCEPTS**  
*Racing*

**FREEDOM**  
Concepts Inc.



# *Series*

---

## *EHD AAU (Upright)*

---

The EHD AA Upright Handcycle is made for paraplegics and amputees who require a specialized cycling alternative. The back rest is more upright (70° standard) with angle adjustability from 50-90° for riders with various ranges of abdominal control.



### UPRIGHT

**Triptex™ Seat Covers**  
All seat bases and backs are made of breathable, antibacterial, antimicrobial, abrasion-resistant Triptex™ fabric with zipper enclosure for easy care.



Watch for our NEW model COMING SOON!

### EHD AAU 66

Frame Color: Grape  
Decal Package: Flames



The EHD Upright and Recline Handcycle styles are available in two sizes:

- 66 Rider Height 5'4" & under
- 73 Rider Height 5'5"-6'0"

Please see Page 24 for feature specifications.



### Front Style Steering

Front Steering uses arm strength in order for riders to steer the way they wish to go.



### Full Chromoly Frame & Fork

Chromoly, lighter and stronger than steel, is the metal of choice for the frame and fork making the EHD durable and flexible.



### Brake/Shift Lever

Shifters can be mounted on the seat or on the bottom bracket for cable-free rotation.



### Foot Rests

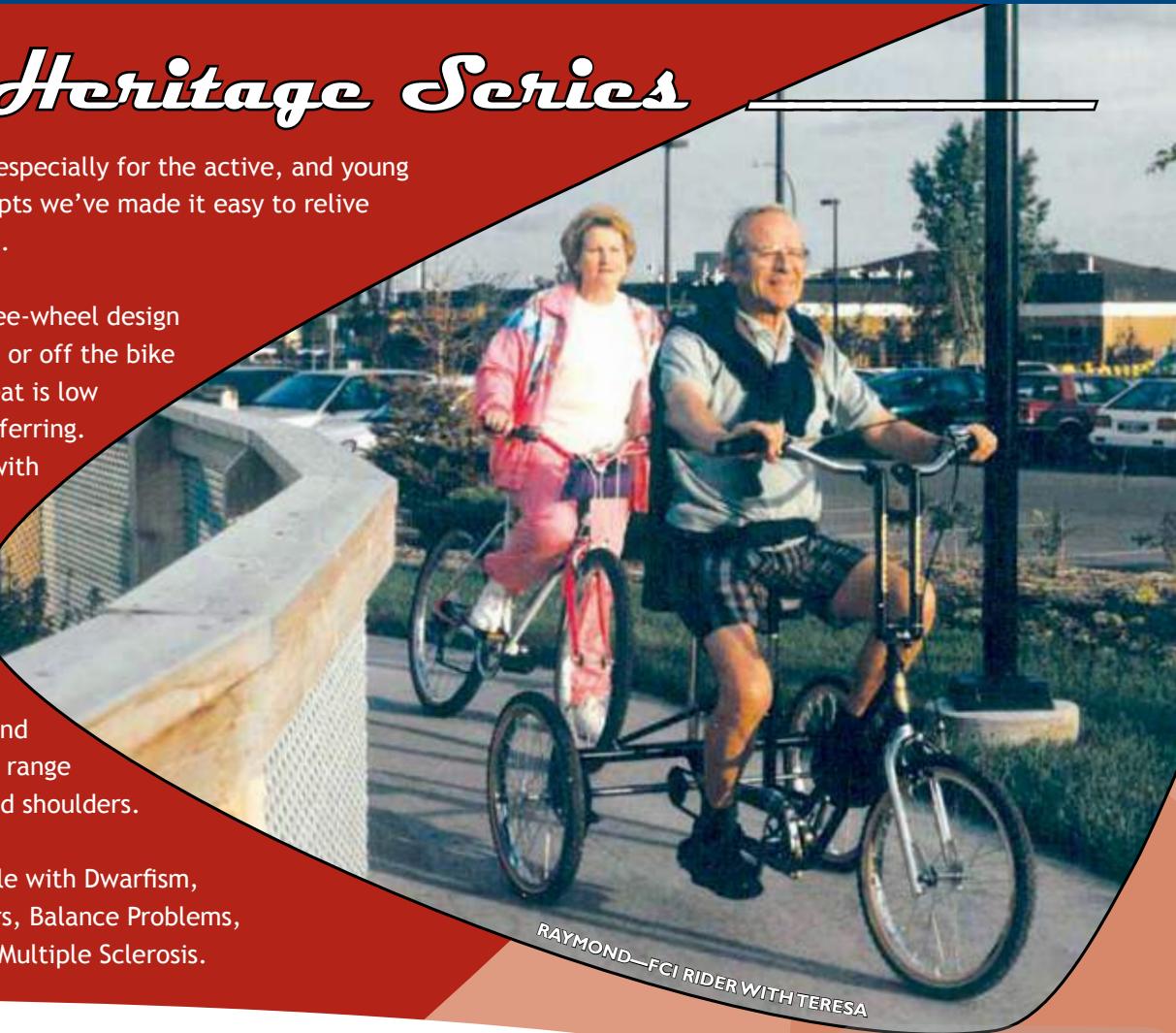
The adjustable foot rests come with 2" nylon straps or are available padded with velcro safety straps to cradle the rider's foot.

## HSR—Heritage Series

Our Heritage Series is built especially for the active, and young at heart. At Freedom Concepts we've made it easy to relive your early cycling memories.

The Heritage is a stable three-wheel design that makes it easy to get on or off the bike in a natural position. The seat is low to the ground for easy transferring. This device allows persons with limited range of motion to have their legs further forward. The pull-away handlebar system allows for easy, unobstructed on/off transfers. High ratio steering system on HSR 20 and HSR 20HD allows for limited range of motion in arms, wrists and shoulders.

This series is great for people with Dwarfism, Stroke and Arthritis Sufferers, Balance Problems, Cerebral Palsy, Obesity and Multiple Sclerosis.



## Heritage



**HS 20**

Frame color shown: Candy Blue



**HSR 20**

Frame color shown: Grape

Also available as HSR 20HD, made with heavy duty tubing and excellent for those dealing with obesity.



**FCI Unique Feature:**  
**Stability Handle**

The Stability Handle helps in ease of transfer from a wheelchair and can be mounted on either the left or the right side (shown above) of a bike.



## *Ex-Explorer Series*

Made for those active riders and walkers, the Explorer Series gets back to Freedom Concepts' roots with a focus on the rider who just needs a little something extra to help them move along.

Watch this series grow with exciting new products focused on all types of sports and aids to help families and individuals stay active.

### *Balance Bike*



**BB6**

Frame color shown: Candy Blue  
Available in 6" (EX BB6) and  
8" (EX BB8) wide all terrain tires.  
For 16"-26" inseams.

The Balance Bike is designed as a true therapy tool for use in a clinical setting. The device can be used to transition the rider from a bicycle with training wheels to one without and allows individuals with various conditions such as Autism, Down syndrome, Fetal Alcohol Spectrum Disorder, high functioning Cerebral Palsy, Traumatic Brain Injury and other balance issues to experience fun, therapy and most of all, the Freedom of Mobility!

#### **Standard Features**

- High Rise Handlebars with Infinite Steering Adjustment
- Heavy Duty Steel Chain Guard
- Mountain Style Pedals

#### **Options**

- Footplates
- Heavy Duty Assistance Handle (A)
- Seat Back Support (B)

### *Biker*



**BIKER**

Frame color shown: Blue

The Biker is Freedom Concepts' solution for Race Running, a sport originating in Europe whereby competitors first raced their wheelchairs backwards. People began to modify their chairs as a forward running frame and so Race Running was born.

Our Biker was initially produced as a special project for the Ontario CP Sports Association which is trying to grow the little-known sport in Canada. Essentially it is a bike without pedals and is similar to our standard FCI mobility devices as it is a non-weight bearing exercise for people with special needs.

### *Classic*



**CLASSIC**

Based on the frame that started it all, the Classic is a no-nonsense bike for someone who needs a little more stability than a two-wheeled bicycle can provide. It's way more cool than training wheels and is ideal for balance disorders or those with very mild CP.

Keep in mind this is a three-wheeled bike and for added safety, we have kept the T-handle to help aid in rider safety and enjoyment.

## F3 Product Size/Features Guide

	DISCOVERY DCP MINI	DCP 12	DCP 12WG	DCP 12 WGX	DCP 16	DCP 16WG	DCP 16WGX	EXPLORER EX BB6	EX BB8	CLASSIC	BIKER
Rider Age (Years)	18 mo.-5	4-8	4-8	4-8	7-14	7-14	7-14	6-12	6-12	7-14	14+
Rider Inseam	6"-13"	13"-21"	13"-21"	13"-26"	19"-26"	19"-26"	19"-31"	16"-26"	16"-26"	19"-26"	28"-34"
Max. Load (lbs)	60	125	125	125	150	150	150	125	225	150	200
Bike Weight (lbs)	40	45	45	45	50	50	50	48	63	45	40
Wheel Size	12"	12"	12"	12"	16"	16"	16"	6" wide	8.5" wide	16"	26"(Front Wheel 24")
Frame Height (without Seat)	21"	21"	21"	21"	26"	26"	26"	23"	29"	26"	N/A
Total Length (*with Rear Steering add 12")	42**	43**	50**	59**	50**	50**	59**	46"	61"	50"	74"
Bike Width	29"	29"	33"	37"	29"	33"	37"	12"	17"	29"	40"
	ADVENTURER AS 2000JR AS 2000 AS 2000N AS 2000HD AS 2600 ASR 20JR ASR 20								ATP 2600	ATA 2600	EXCURSION ET 2611
Rider Age (Years)	10+	14+	14+	14+	14+	10+	15+	7+	14+	7+	
Rider Inseam	23"-32"	23"-32"	23"-32"	23"-32"	25"+	21"+	21"+	20"-26"(Front Rider)	24"-30"(Front Rider)	16"-30"(Front Rider)	
Max. Load (lbs)	225	225	225	350	350	175	225	400 (Combined)	400 (Combined)	400 (Combined)	
Bike Weight (lbs)	65	65	65	68	68	65	65	125	125	85 (Excludes Seat)	
Wheel Size	20"	20"	20"	20"	26"	20"	20"	26"(Front Wheel 24")	26"(Front Wheel 24")	26"(Front Wheel 24")	
Frame Height (without Seat)	29"	29"	29"	32"	32"	35"	35"	35"	35"	35"	17.5"
Total Length (*with Rear Steering add 6")	62**	62**	62**	67**	72**	77**	82**	100"	100"	100"	101"
Bike Width	35"	35"	31"	35"	35"	34"	34"	38"	38"	38"	
Rider Height	-	-	-	-	6' 0"+	-	-	-			Bike Weight (lbs) 20 (Frame only)
Rider Weight (lbs)	-	-	-	-	200+	-	-	-			Transfer Height 22" (With Seat)
	HERITAGE HS 20	HSR 20	HSR 20JR	ASR 2011	JOURNEY JPR 120	JPR 160	JPR 200	EXPEDITION EHD AAR 66	EHD AAR 73	EHD AAU 66	EHD AAU 73
Rider Age (Years)	45+	45+	45+	10+	5-10	10-16	15+	-	-	-	-
Rider Inseam	23"-32"	21"+	21"+	19"-34"	12"-22"	17"-24"	24"+	16"-28"	22"-34"	16"-28"	22"-34"
Max. Load (lbs)	225	225	175	225	125	150	150	175	210	175	210
Bike Weight (lbs)	65	65	65	53 (Excludes Seat)	55	55	55	35	38	35	38
Wheel Size	20"	20"	20"	20"	6"	16"	20"	650C	650C	650C	650C
Frame Height (without Seat)	29"	35"	35"	14"	29"	29"	29"	21"	23"	22"	24"
Total Length (*with Rear Steering add 12")	62**	82**	77**	77**	43"	43"	43"	79.5"	83.5"	80"	85.5"
Bike Width	35"	34"	34"	34"	33"	33"	33"	25"	25"	25"	25"
Bike Weight (lbs)	-	-	-	12 (Frame only)	-	Rider Height	5' 4" & under	5' 5"-6' 0"	5' 4" & under	5' 5"-6' 0"	
Transfer Height	-	-	-	22" (With Seat)	-	Total Height	26"	28"	25"	27"	
						Wheelbase	55"	57"	57"	59"	
						Transfer Height (with 2" cushion)	6.5"	7"	6.5"	7"	

### F3 Mobility Device Warranty

Freedom Concepts Inc. is proud of the high quality assistive technology devices we custom manufacture. All component parts are inspected at various stages of production and each product is subjected to a rigorous final inspection before being shipped.

Freedom Concepts provides a Standard Lifetime Warranty on all product frames and a One-year Warranty on parts and accessories.

The warranty commences on the date the product is shipped to the customer and does not include repair or replacement required as a result of misuse,

abuse, use for any purpose other than intended, damage resulting from commercial or institutional use, or from normal wear and tear. The defective part(s) must be returned through an authorized dealer. If the warranty claim is approved by Freedom Concepts, the defective parts will be replaced, but shipping costs are extra. Repair by any unauthorized service representative relieves Freedom Concepts of further liability, or obligation under this warranty.

All Freedom Concepts mobility devices have a 30-day Satisfaction Guarantee not including the return shipping costs. These are the responsibility of the customer.



## FREEDOM CLIMBER

The Freedom Climber is made specifically for children under five years of age.

It is designed to exercise a child's balance by focusing on upper body strength coordination and motor planning skills. The open design allows therapists and parents to assist children while in use.

Great for facilities or home-based therapists as the Freedom Climber is light-weight and easy to transport.



### Features

- Inverted plane of powder-coated steel
- Foam-covered center bar
- 1" poly webbing with 3" openings
- Rubber floor protectors
- Portable
- Flat folding for easy storage
- Holds up to 100 lbs.
- Assembly required

### User Benefits

- Infant Gross Motor Programming (A)
- Body orientation (B)
- Balance (C)

### Usage

- Climbing Wall/Ladder (D)
- Tunnel/Enclosure (E)
- Ask about tactile kit ideas.
- A carrying case is available and opens up into a padded floor mat.



The FCI Walker Gait Trainer is a hands-free device that encourages upright mobility and promotes independence.

The user's upright position, with a slight forward lean, encourages and stimulates forward stepping. Use this device in two distinct ways:

**Anterior** - Users are forward facing for upper extremity and/or trunk support while using the attached tray as a surface for other activities or meals when stationary.

**Posterior** - Users face backwards to achieve closer access to involved play: to kick a ball, open doors or simply to better explore their environment.

The frame height, pommel height, chest pad height and tray heights are each individually adjustable. The posterior support component can be removed to facilitate transference of the child in or out of the walker.

The chest support can be adjusted to change the angle of body (trunk) to a more forward prone position if either more support is needed and/or to facilitate forward movement such as stepping.

### Included Features

- Clear plastic tray
- 3" swivel castors
- Back pad (S)
- Chest pad (S)
- 7" Pommel on Mini
- 9" Pommel on JR & SR

### Included Features

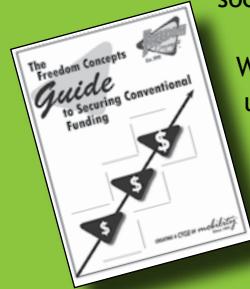
- Variety of directionals available
- High back customized to supplied dimensions; typically three-sided; extend to shoulders or to top of user's head

- 5" castors (3" Standard)
- Wheel locks (Brakes)
- Pelvic wedge (various sizes)
- Head rest (with hardware)
- Abductor pommel



## Funding

At Freedom Concepts we are more than happy to help direct you towards possible alternative financial resources if needed. Our *Guide to Securing Conventional Funding* provides examples of letters of medical justification from doctors and therapists to use when approaching insurance companies or local social/community groups for funding.



When approaching local businesses, use our already designed Rider Bio Templates or get creative with your own fundraising when speaking with corporations, social groups and associations. You'll find it makes opening funding doors easier.

FCI works closely with many Foundations who are willing to help defray costs (See list on the back page). Sometimes using multiple funding sources can be a great way to subsidize the costs of a mobility or an alternative seating device.

Most associations require that forms be filled in with specific criteria and information. Don't be intimidated by these questions. Our Account Representatives are familiar with these groups and can help guide you through their requirements.



## Corporate Teambuilding & Community Citizenship

Working with Freedom Concepts, numerous Corporations like the Neptune Society, have taken the initiative and assisted their employees to raise funds for local special needs children. It fosters team spirit and enables companies to give back to the communities they service.

## BOB - Butts On Bikes

It all starts by taking a test ride and getting *Butts on Bikes!* Therapy Centers are invited to host a Freedom Concepts Bike Day where individuals have the opportunity to ride a F3 Mobility Device and be provided with a completed evaluation form. Or get a whole bunch of *Butts on Bikes* together at once for a Stationary Bike Race fundraising event.



## Freedom Concepts Home Parties

Now Moms and Dads can earn cash back on their F3 Mobility Device purchase by hosting a **Freedom Concepts Home Party!** Share your family's joy about owning an FCI bike with the parents of other special needs children and get money back on your bike with the sale of each bike from your party.

For these and other great funding ideas, call 1.800.661.9915 for more information today!



**NEW** Custom Logos and personalizations are available on nameplates and back rests. Excellent for special dedications and corporate recognition.

## Let Us Sponsor You!

Whether you are a competitive Handcyclist or are holding an association/community event or perhaps just celebrating a birthday, Freedom Concepts would love to hear about what you are up to and give you some cool stuff too!

Tell us about yourself and your event and we will send you some awesome FCI T-shirts, Bandanas, Water Bottles, Temporary Tattoos and Stickers.



For details, visit [www.freedomconcepts.com/sponsorship](http://www.freedomconcepts.com/sponsorship) or email us at [mobility@freedomconcepts.com](mailto:mobility@freedomconcepts.com).

## Give the Gift of Freedom!

*It's easy with the Bike & Chair Registry*

Now your special needs loved one can experience FREEDOM faster than ever! Many families have had great success—some raising all money needed in just DAYS!

Your friends, family and community can assist with the purchase of a F3 Mobility Device or Chill-Out Chair with secure online donations to your very own Registry page!

With a valid FCI Quote\*, advise your Account Representative that you wish to set up a Registry and Freedom Concepts will provide you with:

- 1) An Online Registry page that tracks and processes donation progress (see top right) with a photo page to share pics (lower right).
- 2) A request for donation email to forward to your entire contact list.
- 3) Easy processing of your order.
- 4) A thank you email to all the generous contributors of this Gift of Freedom!

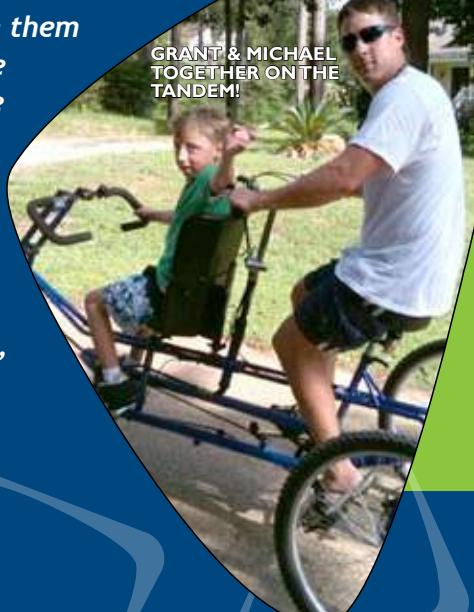
Sign up for our Bike & Chair Registry today! Call 1.800.661.9915 or email [mobility@freedomconcepts.com](mailto:mobility@freedomconcepts.com) for your valid FCI quote.

\*A valid FCI Quote is needed in order to process your FCI Product Registry request. PLEASE NOTE: Including Shipping and Applicable Taxes in the fundraising total is strongly recommended.

*"I would recommend the Bike Registry offered by Freedom Concepts to anyone with a child with special needs that wants to give their child the opportunity to ride their own bike.*

*The process is simple, give them a testimonial and a picture of your child and they take care of setting up the webpage and donations. With their help and that of some very generous friends and family we were able to meet our goal in just a few months."*

*—Michael de la H.*



**Your child's Name here**  
Organized by Freedom Concepts Inc.

Answer a few simple questions to get started  
We like to begin with creating an introduction on the donation page with your child's name, age, diagnosed condition, list of favorite activities and an explanation on how a bike or chill-out chair would benefit them.  
This will give contributors a great understanding of how special their gift of FREEDOM truly is.  
If you have other fundraising events or special messages, we will gladly advertise or post them on this page for you.  
Only you and the contacts you forward this page link to have access to it. Check it daily for progress updates.  
Check out these great photos!!  
Maybe you already have a photo of your child on a bike they use at therapy. Let's show everyone how good they will look on a bike of their very own! We will also create a private photo page for you to share pics with everyone with the link shown like so:  
<http://www.flickr.com/photos/freedomconcepts/sets/yourselfhere/>

**Your child's Name here**  
29% Raised \$915 of \$3,117  
Funded 1 item of the 1  
Fundraising ends in 1 day at the Create button to contribute!  
Click Create to view details  
Share this page with your friends and family to support your child's goal.

**Recent Comments**  
All contributions have the option to post comments that will be displayed next to their name, as per the example shown here.  
Anne Jane  
Anne Jane  
Submissions: 1  
Date: Fri, Oct 26, 2012  
Add to favorites

**flickr from Yahoo!**  
Home You Organize & Create Contacts Groups Explore  
Freedom Concepts - Sets  
Arrange Edit Order prints Delete this set  
**Your child's Registry**  
Thumbnails Detail 1 comment  
  
We'll post comments and descriptions for all the photos you share.  
14 photos | 129 views | Add a comment?| Items are from between 11 Jun 1999 & 30 Nov 2000.  
Feed - Click on the link to the set "Bike Registry".

*"My son Justin just received his bike from Freedom Concepts. The Registry was easily setup and accessible for donations. I felt that the need is so great for these kids that I highly recommend this for every parent."*

*—Holly M.*



## *Chill-Out Chair Rock'er Roller Alternative Seating —*

Relax, unwind, take some pressure off and just chill-out!

Create a slice of paradise for your loved one, client or student with their very own Chill-out Chair.

At home, there's no need for your child's constant sitting in wheelchairs or scooters, being propped up with pillows on the sofa or laid on the floor.

While at therapy or school, the deep-V design allows occupants to sit safely without restraint in the most dignified and supportive position possible.

*Choose your oasis: Rock'er or Roller?*

The built-in **Rock'er** base provides a soothing back and forth motion. Within moments, the occupant can be calmed and ready to focus on specific activities. Alternatively, attach it to the Ottoman (included) for stability.



Light weight foam allows for easy portability from place to place.

SHOWN:  
ROCKER  
EXTRA SMALL ESSENTIAL,  
RAINBOW PEACE FABRIC

The multi-positional Ottoman, included with each Chill-Out Chair, supports and elevates the legs, assists circulation and helps reduce edema in the lower extremities. It can also function as a side table and when set on its end, the Ottoman provides an ideal position for the caregiver to assist the occupant with activities such as feeding, communication, therapy or to provide physical or emotional comfort.



SHOWN:  
ROLLER  
SMALL TEC WITH LIMITED EDITION  
AUTISM HOPE FABRIC

# CHILL-OUT™ Rock'er Roller ALTERNATIVE SEATING™

The **Roll'er** base provides safe and supportive alternative seating. The wood base and four 3" castor construction allows for additional options such as a Rear Push Bar, Feeding/Communication Tray or Positioning Blocks. Great for spinning!



SHOWN:  
ROLLER  
MEDIUM ESSENTIAL WITH COMFORT PACK,  
CHOCOLATE PEACE OUT FABRIC

## Foam Quality & Warranty — Size & Fit Guide

Foam is all about Density and Firmness. Simply put, Density is the weight of a cubic foot of foam. The higher the density, the longer the product will last.

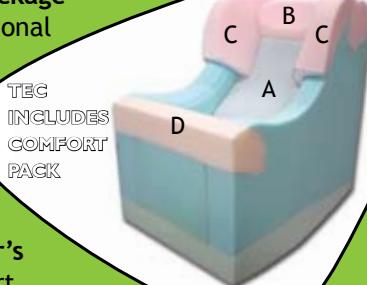
And Firmness, expressed as ILD (Indentation Load Deflector), is the pressure it takes to push down on the foam. The higher the number, the firmer the foam.

The different Chill-Out Chair foam grades, densities and firmness configurations have been purposefully chosen with pressure relief and support in mind. All foam meets all UFAC and CALIF. Tb117 requirements and is flame resistant.

**Two high quality foam choices include:**

**Essential** - our indispensable supportive chair made with premium foam. (1 Year Limited Foam Warranty)

Add a luxury Comfort Package to the Essential for additional coziness at the body (A), head, (B), sides (C) and knee (D) areas of your chair.



**TEC** - an all-important tool and the Therapist/Educator's Choice provides soft comfort, great durability, long life and support! Comfort Pack included. (3 Year Limited Foam Warranty)

## Additional Options

### Memory Foam

An added 1" layer of heavy weight, quick cooling foam. Our breathable memory foam provides pressure reduction and comfort without heat build-up.

### Medblock Liner

A very durable, lightweight and washable moisture prevention barrier. The smooth knit backing is soft and flexible with heat-sealed seams to prevent moisture seepage protecting the hygienic integrity of the foam.

### Extended Warranty

Provides longer coverage for foam replacement. Offered as additional 1 Year, 3 Year and Lifetime service agreements.

Both Rock'er Roll'er Chill-out Chairs come in Extra Small, Small, Medium, Large and Narrow Large sizes.

Based on the occupant's Height, Weight, Shoulder & Hip Widths, use the size and fit guide below to determine the correct size.

	Height Range (INCHES) (CM)	Weight (LBS) (KG)	Shoulder Width (INCHES) (CM)	Hip Width (INCHES) (CM)
Extra Small	27-40 69-102	15-45 7-20	10 25	10 25
Small	40-52 102-132	30-80 14-36	12 31	12 31
Medium	50-62 127-157	55-120 25-54	14 36	14 36
Narrow Large	60-68 152-173	70-155 32-70	14 36	14 36
Large	60-68 152-173	90-175 41-79	16 41	16 41

*"Rachel is 21 months old*

*and is unable to sit on her own.*

*She has cerebellum volume loss, microcephaly and is hypotonic. Up until we got the "Chill-out Chair", we would hold her or lay her on the floor or buckle her into a feeding chair. These three options had their limits...the breaking point for us was at a birthday party when we laid Rachel down to change her diaper. Later all these kids came running in the room laughing and playing and our daughter lay helplessly watching them. It broke our hearts to see her in that position (both literally and figuratively).*

*Not only did we find the "Chill-Out Chair" but we also ran into some of the kindest people who sincerely want to meet the needs of families like ours. We bought Rachel the extra-small chair and it has been the best purchase we have made. The chair is safe, comfortable, lightweight and portable. Most importantly, we feel a sense that we have given Rachel some dignity (not having to lay on the floor anymore). Not only can we put the chair in different rooms throughout our home, we have also brought the chair to friends' and families' houses.*

*Thank you, Freedom Concepts, for investing into our lives."*

For the full story, check out the video of Rachel, Jeff and Fanny at [www.freedomconcepts.com](http://www.freedomconcepts.com)!



*"WE FEEL...WE HAVE GIVEN RACHEL SOME DIGNITY"*

## *Fun Tactile Fabric Covers*

Based on Focus Groups including Physical and Occupational Therapists, Psychologists, Parents of children with Cerebral Palsy and Autism, as well as existing Chill-Out Chair users, fabric colors and textures have been carefully chosen for their desired occupant response, from smooth and soothing to highly textured for increased stimulation.

Crypton® is engineered to provide permanent moisture, stain, odor and antimicrobial protection. Crypton's moisture barrier is integrated into the fabric, ensuring permanent protection and making it easy to clean.

It is an extremely durable fabric that meets some of the highest North American standards for flame resistance.



LIMELIGHT



CARROT



FLAME RED



GRAPE



CHOCOLATE

Bright, fun and energetic colors!

**soothing  
calming  
relaxing**

# **peace**

**restful - serenity - tranquility**  
Fantastic Ultra Suede Microfiber fabric!\*



GREEN TEA



PURPLE POP



GRAPE JELLY



BLUEBERRY



MOCHA



MOSS

BLUSH

APPLE

COBALT BLUE

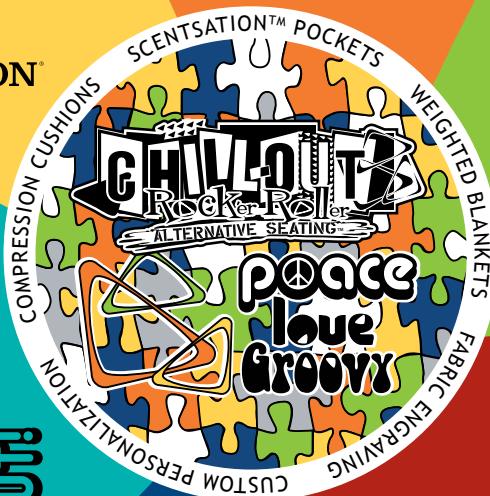
EARTH

# **Groovy**

**chic - funky - hip  
moderate stimulation**

Keeps the occupant engaged,  
energized and alert!

**Groovy Baby!\***



SPRIG



TERRA



GARNET



TROPIC



FAWN

Be enveloped  
in melodious  
contentment.\*

**happy  
content  
mild stimulation**

# **HARMONY**

# **love**

**luxurious  
cozy - warm**

Like always having  
your warm arms  
wrapped around  
your loved one.\*



SPRING GREEN



COPPER



CRANBERRY



LARKSPUR



SANDSTONE

Please Note: Fabric Colors as shown are NOT 100% accurate and are for representational purposes only. Manufacturer reserves the right to change fabric colors without notice.

## Autism Spotlight



Homes, schools and Snoezelen Therapy Rooms could all benefit from the use of a successful sensory alternative seating aid such as the *Rock'er Roll'er Chill-Out Chairs*.

No matter where your child may be on the spectrum, the *Chill-Out Chair* may help provide a complete diet for the senses. Textured and patterned fabrics for touch and sight, Scentsation™ Pockets for smell, and the Communication/Feeding Tray and Accessories Sleeve Pockets for adaptive communication devices may all aid in sensory processing.



### Accessories

**The Feeding/Communication Tray (A)**  
Made of clear plastic. Quick release adjusts height and swings out of the way. Add cling on stickers or play with tactile toys.

**Upholstered Tray Inserts (B)**  
Available in half and full sizes. (Roller only)

**Simulated Lambs Wool Seat Cover**  
Relieves joint/back pressure, wicks away moisture and responds to fluctuating body temperature.

**Powder-coated Push Bar (C)**  
Roll the chair easily from place to place. (Roller only)

**Accessories Sleeve Pocket**  
Store portable electronics, adaptive communication devices and video players.

**Sentsation™ Pockets (D)**  
Aromatic stimulation on either side of the head.

**Positioning Aids (E)**  
The 3 piece foam blocks increase support, where needed, around the occupants body. Available covered to match or uncovered to tuck in under the chair cover.

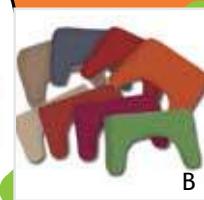
**Compression Cushions (F)**  
Stuff buckwheat or aromatherapy herbs in this triangle pillow. Use hot or cold. Laser engrave a name or company logo.



SHOWN: TEC LARGE,  
INCLUDES COMFORT PACK,  
BLUEBERRY PEACE FABRIC



LUC CAN NOW SIT  
IN A COMFORTABLE  
POSITION



*"We came across the Chill-Out Chair... and we are in love with it! It is very challenging to get (our son) Luke in a very comfortable position. This (Chill-Out) Chair affords him that ability to put him in a nice comfortable position and he can relax just like everybody else in the living room at night enjoying the night's activities. This is a great product...and we are blessed and very happy that we found it for him!"*

For the full story, check out the videos of Luke, Paul and Felice at [www.freedomconcepts.com](http://www.freedomconcepts.com)!

## President Ken Vanstraelen's Message

I have been very lucky to have met so many wonderful individuals, families, therapists, doctors and athletes, in addition to our sales representatives, that care about you and what we deliver. I hope you enjoy just some of the great quotes and stories throughout the catalogue. Thank you all for your contributions to the ideas, concepts and innovations that have made up what we call Freedom Concepts Inc. I would especially like to thank our vendors, funding sources, associations and staff who help us navigate and coordinate the oftentimes complicated process of getting our products to your door with the highest quality and fastest delivery times in the industry.

We strive to stay true to our mission each and everyday. You are important to us. Your word-of-mouth endorsement is still our best marketing tool.

I invite you to follow our progress and watch as our product line grows and new concepts become a reality for you to enjoy in your daily life. Give us the need and we will find the...*Concepts!*

"Thanks Dad, but I can't ride this for another year!"

FCI will size  
your bike  
right!



CHILDREN'S  
NEUROBIOLOGICAL  
SOLUTIONS



**Reaching for the Stars**  
A Foundation of Hope For Children with Cerebral Palsy

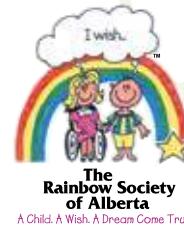


Proudly Associated with  
and Supported by:

**MAKE-A-WISH®**  
Canada

**Euro-Pēds®**  
National Center for Intensive Pediatric PT

**SKY Pediatric Therapy**  
*Wheels to Success*



## 20 Years 20 Bikes Contest

2011 is our 20th Anniversary and to celebrate, we are giving away 20 Bikes!

To be eligible for your chance to win, request a no obligation FCI quote and describe to us "What Freedom is to you". Write a poem, send in a video, create a photo essay, submit a short story or even paint/draw us a picture. Or come up with your own creative way to represent "What Freedom is to you".

For more details and to enter online visit  
<http://www.freedomconcepts.com/contests/free-bike/>

- [http://www.facebook.com/pages/Winnipeg-MB/  
Freedom-Concepts-Inc/126381786058](http://www.facebook.com/pages/Winnipeg-MB/Freedom-Concepts-Inc/126381786058)
- <http://twitter.com/FreedomConcepts>
- <http://specialneedsbikes.com/>
- <http://www.chill-outchair.com/>

Vol. 5 FEB. 2011

**Customer  
Service**

For more information or pricing, please contact us:

toll free 1.800.661.9915 tel 204.654.1074 fax 204.654.1149  
email [mobility@freedomconcepts.com](mailto:mobility@freedomconcepts.com)  
online [www.freedomconcepts.com](http://www.freedomconcepts.com)

Freedom Concepts Inc.  
2087 Plessis Road  
Winnipeg, Manitoba, Canada  
R3W 1S4

Freedom Concepts USA, LLC  
660 W 17th Street, Q30  
Costa Mesa, California, USA 92627  
tel 949-646-4000 fax 949.646.4060

**FREEDOM**  
Concepts  
Inc.

1.800.661.9915

[www.freedomconcepts.com](http://www.freedomconcepts.com)