

Cubro®

# Bounder Power wheelchairs



## Boundary



Base only

### Available in Four Configurations:

BOUNDER 300  
BOUNDER 450  
BIG BOUNDER 600  
BIG BOUNDER 1000

### Performance, durability and reliability:

The extremely durable Boundary Power Wheelchair is designed for the active individual. All models are configured with a rear wheel drive platform that provides stable operation in all driving conditions and have steel TIG welded frames that are built to last.

Standard on all configurations - Independent Drive Wheel Suspension for improved ride and handling.



← BOUNDER 300 with Power Tilt, Power Recline and Comfort Company Seating

## Boundary

### Standard features

- Very stable rear wheel drive - does not fishtail at high speeds, unlike front and mid-wheel drives
- Durable H-style frame uses 2.5" x 1.5" x 0.125" thick steel wall tubing - TIG welded for superior strength
- Independent Drive Wheel Suspension - Improves ride quality and traction
- 0.120" wall steel seat rails and back posts - for extra strong seat and back
- Sliding dual group 24 battery box - for extended range and ease of maintenance
- Xtra Duty adjustable suspension forks with 1" diameter fork stems and ID (inside diameter) caster barrel bearings
- 70 degree swing-away footrest
- Sheet metal pan seat
- Anti-tipping wheelie wheels
- Available with LiNX or R-net electronics
- Smart electric brake release - for easy pushing by an attendant
- 9" x 3.50" aluminum caster wheels - with oversized 5/8" ID (inside diameter) wheel bearings. Excellent on most surfaces including grass and dirt roads
- 13" x 4.00" steel/aluminum drive wheels - available with smooth or knobby treads
- Standard gray or black foam filled tires
- Durable black powder coated frame
- Fully automatic 8A gel-cell battery charger - won't overcharge the batteries if kept plugged in
- Push button seat positioning strap
- Easy to service and maintain
- Available with or without Power Seating Systems
- Flip-up self supporting arms
- Detailed Owner's Manual

# Heavy duty models

## Bounder 300



Power wheelchair for performance indoor and outdoor by users up to 300 lb.

### Includes:

- 300 lb Weight Capacity
- 6.0 mph Top Speed Standard - faster speeds available
- Super Torque 4M motors and brakes
- Power Seating Options:
  - Tilt or Anterior Tilt
  - Recline
  - Elevate

### Popular Options:

- Safety taillights built into frame
- SPEED PACKAGE - Increases maximum top speed to 7.6 mph
- HIGH SPEED PACKAGE - Increases maximum top speed to 8.5 mph
- OFF-ROAD PACKAGE - Provides great all-terrain performance

### Make it a Plus

The BOUNDER Plus 300 - all the standard features of the BOUNDER 300, Plus the High Speed Package or Off-Road Package and a 2-year warranty on the entire chair is included at no additional charge.

## Bounder 450



↑ BOUNDER 450 with optional power elevating footboard

Up to 450 lb weight capacity for larger power wheelchair users who want performance and durability in their chair.

### Includes:

- 450 lb Weight Capacity
- 6.0 mph Top Speed Standard - faster speeds available
- Super Torque 4M motors and brakes
- Power Seating Options:
  - Tilt or Anterior Tilt
  - Recline
  - Elevate

### Popular Options:

- Safety taillights built into frame
- SPEED PACKAGE - Increases maximum top speed to 7.0 mph
- HIGH SPEED PACKAGE - Increases maximum top speed to 8.0 mph
- OFF-ROAD PACKAGE - Provides great all-terrain performance



## HIGH SPEED package

Add performance to the durability of the BOUNDER Power Wheelchair. The HIGH SPEED Package increases the top speed up to 8.5 mph.

Increased speed is great when you need to travel several blocks in your power chair or cross a busy street. Keep up with the world!

### Top Speed Options

#### **BOUNDER 300 and BOUNDER Plus 300**

6.0 mph Standard Top Speed  
7.6 mph with SPEED Package  
8.5 mph HIGH SPEED Package

#### **BOUNDER 450**

6.0 mph Standard Top Speed  
7.0 mph with SPEED Package  
8.0 mph HIGH SPEED Package for users up to 450 lbs



## OFF ROAD package

Add a smoother ride and Off-Road capabilities to your BOUNDER 300 or 450. The low pressure pneumatic drive tires provide a very smooth ride and rough terrain is no longer bumpy and jarring. The aggressive knobby tire design provides excellent traction when traversing loose terrain, mud or even snow. Two High Volume Low Pressure tire sizes are available.

### FEATURES

- Improved ride plus great off-road capability
- 14" x 5.4" Black High Volume Low Pressure offroad tires standard. Optional 13" x 5.0" tire size for reduced base width
- 9" x 3.50" black foam filled caster tires
- Off-road wheelie wheels, provides greater protection when in loose soil
- 28.5" standard overall base width with 14" x 5.4" drive tire
- 27" optional overall base width with 13" x 5.0" drive tire

**OFF-ROAD Package**  
TOP SPEEDS  
5.2 mph to 8.0 mph  
(depending on user weight)

## Bariatric models

### Big Bouncer 600



### Includes:

- 600 lb Weight Capacity
- 4.5 mph Top Speed Standard - faster speeds available
- Super Torque 4M motors and brakes
- All frame members either .120" wall or solid bar stock
- Reinforced footrests
- Cross strut welded between push handles
- Reinforced seat mounts
- Power Seating Options:
  - Tilt or Anterior Tilt
  - Recline

### Popular Options:

- Safety taillights built into frame

## Bariatric models

### Big Bouncer 1000



#### All the BIG BOUNDER 600 features and...

- 1000 lb Weight Capacity
- 4.2 mph Top Speed Standard
- Super Torque 4S motors and brakes
- Additional frame reinforcements
- Power Seating Options:
  - Tilt or Anterior Tilt
  - Recline

#### Popular Options:

- Safety taillights built into frame

⤴ Big Bouncer 1000 with optional Power Tilt

## Bounder Unique Features

### Sliding battery box



#### Group 24 batteries provide extended range beyond many power chairs

- Large battery box size contains two group 24 batteries
- Utilizes ball bearing slides; no lifting of heavy batteries
- Quick release latch to slide out tray
- Includes removable cover with strap
- Battery installation instructions inside cover

# Bounder Unique Features

## Super torque motors



### **SUPER TORQUE motors are available in 3 models:**

ST4M on all BOUNDER 300, 450 and BIG BOUNDER 600 configurations; ST4S on BIG BOUNDER 1000 and ST3 for fast speeds available only with the HIGH SPEED Package.

### **All SUPER TORQUE motors are:**

- Reliable, field-proven, 6-pole, permanent magnet (PM) motors
- Super Torque Motors have been in production since 1979
- GEARLESS! No plastic gears to break; no gear noise; no gear lubricant leaks; THERE ARE NO GEAR BOXES!
- TENV (totally enclosed non-ventilated) design keeps dust, dirt and splashes outside the motor
- Rebuildable motors are mounted horizontally under the seat
- Typical brush life exceeds ten years!
- Very quiet operation
- Unbeatable 5 year warranty

### **SUPER TORQUE 4M MOTORS (ST4M)**

- Standard on BOUNDER 300, 450, and BIG BOUNDER 600 configurations
- 6.0 mph top speed, depending upon drive train selected and user weight
- More powerful - produces significantly more torque than ST3
- Improved motor and drive train efficiencies, increased driving range per battery charge and runs cooler

### **SUPER TORQUE 4S MOTORS (ST4S)**

- Standard on BIG BOUNDER 1000
- 4.2 mph top speed
- Even more powerful - produces more torque than ST4M
- Improved motor and drive train efficiencies, increased driving range per battery charge and runs cooler

### **SUPER TORQUE 3 MOTORS (ST3)**

- Fast! - up to 8.5 mph top speed
- Only available with SPEED Packages

## Power seating

### Sliding Back Power Recline (SBPRS)



Back slides downward as it reclines, helps to reduce shear. Excellent for those with skin deterioration or break-down.

#### FEATURES

- 70 degrees of recline for users up to 400 lb
- 40 degrees of recline for users over 400 lb
- Adjustable linkage allows 3" of sliding movement

⤴ Sliding Back Power Recline (SBPRS)

### Power Seat Elevator 2 (PSE2)



Power Seat Elevator 2 raises the seat as much as 13", typically bringing the user's face to normal standing height. Even more impressive, most users under 400 lbs can drive the chair in the raised position (drive speed limited).\*

#### FEATURES

- Up to 13" of elevation on BOUNDER 300
- 8" of elevation on BOUNDER 450
- Can be combined with tilt, recline and/or power elevating legrests or power elevating footboard
- Especially useful in the workplace

\*Operation on level ground and good judgment are required! Users over 400 lb are prevented from driving with the seat elevated.

## Power seating



⬆ Power Tilt System (PTS)

### Power Recline System (PRS)

#### FEATURES

- 80 degrees of recline for users up to 400 lb
- 40 degree recline for users over 400 lb
- Extremely durable Power Recline System
- Greater strength and less complexity than competitive systems

### Power Tilt System (PTS)

#### FEATURES

- 50 degrees of tilt for users up to 400 lb
- 30 degrees of tilt for users over 400 lb and on chairs with elevate
- Power Tilt System is extremely durable
- Greater strength than competitive systems

- Combine: power tilt, recline, seat elevator, power elevating legrests or power footboard (some restrictions apply)
- Through-the-joystick and/or toggle switch control of power seating systems
- Typical Power Recline System arm options: articulating, self- supporting articulating or sliding arms
- Many components can be customized: headrests, legrests, arms, seating, upholstery, etc.



### Power Elevating, Articulating Center-Mount Footboard (PEACM)

#### FEATURES

- Footboard articulates up to 5" when elevated
- 13" wide x 6" deep footboard standard
- Removable calf pads allow footplate to flip-up



### Dual Independent Power Elevating Legrests (DIPLR)

#### FEATURES

- Elevate either legrest separately from the other and independent of any other power seating system
- Heavy duty option for BIG BOUNDER 600 and 1000

## Power seating



### Anterior Power Tilt (APTS)

An Anterior Power Tilt System gives a user the ability to adjust the seat angle forward. The rear of the seat tilts up and forward from the normal driving position. The seat and back move together.

This can assist with reach and can aid in transferring into and out of the chair. The tilt can be adjusted over an approximate range of 20 degrees. The arms move with the seat. Front rigging is attached to the base of the chair and does not move with the seat.

## Seating, front rigging and arms



### 21st Century Seating

Available in multiple sizes, thicknesses and foam densities including SunMate foam. Covered in either black Naugahyde or fabric upholstery.



### 21st Century Captain's Seat

Custom built to order dimensions, with options available for foam types and thicknesses. Black Naugahyde upholstery is standard.

## Seating, front rigging and arms



↑ Bounder Plus 300 with AEL Lateral Supports

### AEL Positioning Hardware

- Omnilink® Swing-Away Lateral Supports
- POSAlinc® 180 Swing-Away Knee Adductors
- Hip Pads with Removable Bracket

#### FRONT RIGGING Choices Include:

- Footrest
- Center Mount Footboard
- Low and High Profile Elevating Legrests



### Comfort Company Seating

#### Available Backs:

- Acta-Back® (shown below)
- Acta-Relief TM - adjustable tension back

#### Available Seat Cushions:

- M2 (show below) - foam and gel cushion
- Vicare® Adjuster X - adjustable air cell cushion

#### ARM Choices Include:

- Self-Supporting (cantilever) & Dual Post - Common when configured without recline
- Articulating, Self-Supporting Articulating & Sliding Arms - Commonly installed when recline is ordered

## Electronics

### LiNX



↑ LiNX REM110 - basic hand control



↑ LiNX REM216 - simple hand control with actuator & light control



↑ LiNX REM400 - advanced touch screen hand control with Bluetooth including mouse mover. Paddle switches optional

#### Features

- Standard 120 Amp Controller
- Revolutionary approach to diagnose and program, wirelessly in real time
- MyLiNX App provides clear battery life, error code information, diagnostics and overall health. It can also communicate problems with the chair to the dealer or manufacturer
- Optional Gyro Module provides better control, especially for users of alternative controls
- The REM400 has built in Bluetooth. You can connect and control computers, laptops and it can be used as a mouse mover
- REM110 and REM216 have a large on/off button for easy access and a rotary speed pot for precise speed control
- Keyless lock function

# Electronics

## R-net



⌂ JSM-LED-L - basic LED hand control with actuator and light control



⌂ CJSM-L - Simple hand control with LCD display, actuator and light control



⌂ CJSM2 - Advanced hand control with hi-res 3.5" VGA display with builtin light sensor and paddle switches for easy access. Assignable buttons for common function control

### Features

- Standard 120 Amp Controller
- 8 programable profiles
- Optional Bluetooth module and IR control
- Mono jacks to allow for the use of specialty switches
- Optional Gyro Module available for better control, especially for users of alternative controls

### Optional (pictured below):

- Swingaway
- Hand Control
- Extension Slide



# Warranties

ONE YEAR BOUNDER chair warranty  
 ONE YEAR electronics warranty  
 FIVE YEAR motor/brake drive train warranty \*\*\*  
 TEN YEAR frame warranty \*  
 Extended warranties available

## Frame colours



Black



Red



Blue



Light Grey



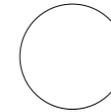
Lavender



Dark Green



Yellow



White



Teal



Pink

Custom powder coat colors available

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