

**4931 N Manufacturing Way, Coeur d'Alene, ID 83815**

**21st@wheelchairs.com  
www.wheelchairs.com**

**FAX, PHONE IN OR MAIL COMPLETED FORM TO 21<sup>st</sup> Century SCIENTIFIC Inc.**

**This is an order! Our PO No:** \_\_\_\_\_

**This is a Quotation Request Only**

<b>Ship To:</b>	<b>Bill To:</b>
Company: _____	Company: _____
Address: _____	Address: _____
City: _____ State: _____ Zip: _____	City: _____ State: _____ Zip: _____
Attention: _____	Attention: _____
Phone: _____ FAX: _____	Phone: _____ FAX: _____

# BOUNDER *Plus Conventional* FRAME POWER WHEELCHAIR

**User Data:**

Name: \_\_\_\_\_ Ht: \_\_\_' \_\_\_" Wt: \_\_\_\_\_ lb. D.O.B.: \_\_\_\_\_ Disability: \_\_\_\_\_

**Driving Skills:** good fair poor      **Eye-To-Hand Coordination:** good fair poor

**Judgment:** good fair poor      **Equipment Usage:** light typical heavy abusive

**Aggressiveness:** timid typical hot rodder      **Must Operate:** on thick carpets in rain and/or snow on steep hills

**Previous Chair Make & Model:** \_\_\_\_\_

**Other Information:** \_\_\_\_\_

**New Chair Data:**

**Seat Width...:** \_\_\_\_\_"      **Seat Depth.....:** \_\_\_\_\_"      **Seat Height.....:** \_\_\_\_\_"

**Back Height:** \_\_\_\_\_"      **Max Overall Width:** \_\_\_\_\_"      **Max Overall Length:** \_\_\_\_\_"

**Desired Top Speed Of New Chair (1-12.2 MPH)** \_\_\_\_\_      **Power Seating Needed:** Recline Tilt Elevate Other

**Drive Belt Type:** V-belts Panther      **OK for factory to select best drive train based on data above?** Yes No

**Other Notes:** \_\_\_\_\_

**INSTRUCTIONS FOR FILLING OUT THIS FORM:**  
Thank you for choosing 21<sup>st</sup> Century SCIENTIFIC, Inc. Since our products tend to be custom, this order/quote form is very detailed. As you complete this form, you will be specifying each parameter of the equipment to be ordered. Accordingly, be patient and review each section carefully. No charge and standard items are usually located near the top of each section, but not always. Check the standard items as well as the custom options in each section to make sure you have not missed anything. You may FAX this form to 21<sup>st</sup> at (208) 667-6600 for review. A detailed written quote will be faxed back to you. If you need assistance filling out this form (or simply prefer us to do it for you), contact our sales department at (800) 448-3680. There is no charge for our assistance and written quotations.

HCPCS codes are not intended to be, nor should they be considered, legal or billing advice. Use of the codes does not ensure coverage or payment for the item. Always verify coverage information with the pay source, attorney or other consultant as needed.

**This Form Was Completed By:** \_\_\_\_\_ **Date:** \_\_\_\_\_ **Phone:** \_\_\_\_\_ **FAX:** \_\_\_\_\_

# BOUNDER *Plus Conventional* FRAME POWER WHEELCHAIR

## STANDARD FEATURES

- For users up to 500 lbs (or who are tough on equipment or want more speed)
  - Durable – TIG welded frame with 0.065" and 0.120" wall steel tubing
- 16", 17", 18", 19" & 20" seat widths (14" & 15" widths available at extra cost)
- Conventional tube frame styling •Fast! Top speeds up to 12.2 MPH (19.6 kph)
  - Super Torque 3 Motors & Brakes (ST3M&B)
    - Sliding dual group 27 battery box with safety reflectors
    - UE1GT premium electronics (6 programs)
- Battery condition meter •Smart brake release switch (for easy attendant pushing)
  - Heavy duty 12 position adjustable suspension forks
- Xtra Duty caster barrels and suspension forks (1" fork stems & bearings ID's)
  - 8"x2" caster wheels
  - 16"x2.125" or 20"x2.125" "Mag style" aluminum drive wheels with safety reflectors
    - 0.120" wall seat rails •0.065" wall tandem cross struts
- Reinforced rear wheel mounts (extra gussets added) •Black powder coated frame
- Super duty sling upholstery (double liner, cap and web strap under every screw) attached with machine screws
- Quick adjust clutches (combination belt tensioner and belt release mechanism)
  - Detachable desk length arms •Reinforced arm mounts
  - Anti-tipping wheelie wheels
- Fully automatic 8A Dual Mode charger (charges Gel-Cell and lead acid batteries)
  - Detailed Owner's Manual •Easy to service and maintain

## POPULAR OPTIONS

- Front Rigging (footrests or legrests, each with many options)
  - Arm options •Headrests
  - 9"x3.50" metal caster wheels
- Seat Widened Over Rear Wheels (SWOW and SWOW NARROW)
  - Non-slip Panther synchronous gearbelt drive
- Power seating systems: recline, tilt, seat elevate, and/or power headrest
  - 2 or more power seating systems combined on same chair
  - Dual independent power elevating legrests (DIPLR)
- UE1GT PSM (ECU & through-the-joystick proportional control of power seating)
  - Programmer for electronics •Colored (non-black) frame
- Specialty controls (sip & puff, switch controls, head arrays, etc.; DX or ASL)
  - Frame reinforcements •Custom seat depth, seat height, back height, etc.
  - Captain's (Van Style) seat •Upholstery and solid seating options
- Hand / chin control customizations & mounting options (many to choose from)
  - Lighting package (it's 24V and bright!) •Electric horn (it's LOUD)
- Electric leg bag emptier (for unattended leg bag draining) •Positioning straps
- Wheel locks (with or without wheel lock extensions) •Extended 3 year warranty

## WARRANTY\*

- TWO year warranty on entire chair
- 5 year warranty on Super Torque 3 Motor & Brake drive trains\*\*
- 5 year warranty on frame

\* Limited warranties – some restrictions apply. See complete warranty for more information  
 \*\* Includes motors, brakes, drive wheels, drive wheel pulleys/sprockets (drive belts, tires, inner tubes, flat-free inserts, motor pulleys/sprockets and bearings not included)

## TOP SPEED CHART

SPEEDS ARE IN MILES PER HOUR (MPH) AND ARE APPROXIMATE. ACTUAL SPEEDS CAN VARY BY AS MUCH AS ± 10%.

CODES NOT LISTED ARE EITHER CUSTOM, NOT AVAILABLE OR NOT POSSIBLE.

#35 ROLLER CHAIN DRIVES ARE AVAILABLE ON A CUSTOM BASIS.

ST3M&B 20"x2.125" REAR WHEELS		ST3M&B 16"x2.125" REAR WHEELS		ST3M&B 20"x2.125" REAR WHEELS		ST3M&B 16"x2.125" REAR WHEELS	
CODE	TOP SPEED					TOP SPEED	TOP SPEED
←===== V-BELT DRIVES =====>				←===== PANTHER DRIVES =====>			
320 V120 V32	12.2			320 P112 P24	11.6		
320 V120 V30	11.4			320 P144 P28	10.5	316 P112 P28	10.2
320 V140 V32	10.5	316 V110 V32	10.7	320 P144 P26	9.8	316 P112 P26	9.5
320 V140 V30	9.8	316 V110 V30	10.0	320 P144 P24	9.0	316 P112 P24	8.7
320 V140 V28	9.2	316 V120 V30	9.2	320 P144 P22	8.3	316 P112 P22	8.0
320 V140 V25	8.2	316 V120 V28	8.5				
320 V140 V22	7.2	316 V120 V25	7.6				
320 V140 V20	6.6	316 V120 V22	6.7				
		316 V120 V20	6.1				

### DRIVE TRAIN CONFIGURATION NOTES:

- 1) Generally, configurations with higher top speeds tend to have reduced hill climbing capability (less torque) and reduced range.
- 2) Do not order drive train configurations with top speeds that exceed the physical or mental capabilities of the driver. Fast chairs are usually not appropriate for children.
- 3) If the drive wheel pulley/sprocket size is increased, speed decreases and hill climbing capability increases.
- 4) If the motor pulley/sprocket size is increased, speed increases, belt life increases, chance of belt slippage in rain decreases, and hill climbing capability decreases.
- 5) If a particular configuration in the chart above is more than 2 MPH faster than the top speed you need, order a slower configuration. This will provide better hill climbing capability and greater range.
- 6) If the user needs more hill climbing capability or is experiencing poor battery life, the next size slower drive train configuration may help. Most dealers can change drive train configurations. Return of the chair to the factory is seldom necessary.
- 7) V-belt drives can slip in rain and snow whereas chain drives and Panther drives available on BOUNDER Plus chairs do not slip. Panther drives are usually the best choice for operation in rain and snow.
- 8) V-belt drive trains are virtually silent as the motors and tires typically make more noise than the belts. The Panther drive systems are very quiet but can be heard over the motors, and a slight vibration can be felt. By way of comparison, #35 roller chain drives are noisier and produce a vibration that can be felt by most users. However, chain drives are more economical, stronger than belt drives and are still preferred by a few users.
- 9) BOUNDER Plus chairs include ST3M&B. ST3M&B are necessary if you want to be able to go up steep hills and also be able to have top speeds above 8.5 MPH on level surfaces. Top speeds above 10.5 MPH are only recommended for users weighing 150 lbs. or less. Select top speeds of 10.5 MPH or less for users up to 200 lbs.; 8.5 MPH or less for users between 200 and 300 lbs., and 7.6 MPH or less for users over 300 lbs. Also avoid the use of small front pulleys (V20).

# BOUNDER Plus CONVENTIONAL FRAME PWR WHEELCHAIR

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IF * SEE NOTE LISTED BY STOCK NUMBER ON LAST PAGES				IF * SEE NOTE LISTED BY STOCK NUMBER ON LAST PAGES			
Part Number	Stock Qty Number	Part Description	Suggested Retail Price	Part Number	Stock Qty Number	Part Description	Suggested Retail Price
<b>BASIC MODELS</b>							
<b>BOUNDER Plus</b>							
* BPC PWC W/ ELECT	___B021	BOUNDER Plus conventional tube frame power chair w/ UE1GT electronics	\$12,645.00	RDWM NC	___B4101N	Reinforced drive wheel mounts N/C	<b>Standard</b>
* BPC PWB W/ ELECT	___B021B	BOUNDER Plus conventional tube frame BASE only w/ UE1GT electronics (requires 21st power seating)	\$10,995.00	* TWTFM	___B4105	Thick 0.120" wall tubing	\$575.00
				* SBP	___B4109	Solid back posts	\$920.00
				* CBPT	___B4113	Cross strut between backpost handle tips	\$155.25
<b>CONSTRUCTION OPTIONS</b>				<b>REAR WHEEL OFFSET (RWO)</b>			
<b>* 21st POWER SEATING SYSTEMS</b>							
(many systems can be combined, contact factory for available combinations)							
* PRS 80	___B301A	80 degree power recline system (E1003)	\$5,750.00	* STD RWO	___B4301	Standard rear wheel offset	<b>Standard</b>
* PRS 40	___B301B	40 degree power recline system (E1003)	\$5,750.00	* CRWO	___B4302	Custom rear wheel offset	\$575.00
* SBPRS 70	___B303A	70 degree sliding back power recline system (E1004)	\$6,900.00	<b>SEAT DEPTH</b>			
* SBPRS 40	___B303B	40 degree sliding back power recline system (E1004)	\$6,900.00	STD SEAT DEPTH	___B4401	Std 16" non-reclining back seat depth	<b>Standard</b>
* PTS 50	___B305A	50 degree power tilt system (E1002)	\$5,750.00	* STD TILTREC SD	___B4403	Std 17" tilt/recline seat depth	No Charge
* PTS 30	___B305B	30 degree power tilt system (E1002)	\$5,750.00	CSDC	___B4404	Custom seat depth ___17" ___18" ___19" ___20"	\$1,150.00
* PSE2 13	___B308A	Power seat elevator 2 (13" vert rise)	\$5,980.00	LCSDC	___B4406	Long custom seat depth ___21" ___22" ___23" ___24" ___25" ___26"	\$1,380.00
* PSE2 8	___B308B	Power seat elevator 2 (8" vert rise)	\$5,980.00	SCSDC	___B4407	Short custom seat depth ___13" ___14" ___15"	\$1,380.00
<b>POWER SEATING OPTIONS, HEAVY DUTY UPGRADES &amp; LOCKOUTS</b>				* CSDU	___B4408	Custom seat depth by upholstery (specify depth: _____)	\$138.00
24V ALWAYS ON	___B360	Supply PSA switch(s) w/ 24VDC always on battery cable	\$115.00	* CSDSRE	___B4411	Cus seat depth by seat rail extension (specify depth: _____)	\$287.50
PS HD	___B361	Power seating sys heavy duty upgrade (250-400 lbs users) (each system) (K0108)	\$1,150.00	* CSDS	___B4412	Custom split depth seat	Call Factory
* PTS LO	___B371	Power tilt system drive lockout	\$258.75	<b>SEAT WIDTH</b>			
* PSE2 LO	___B373	Power seat elevator drive lockout	\$258.75	STD BP SEAT WIDTH	___B4502	Bounder Plus standard seat width ___16" ___17" ___18" ___19" ___20"	<b>Standard</b>
PSS JOYSWITCH	___B380	Joystick 4-way power seating system control (K0108)	\$1,725.00	BP WIDE SW	___B4504W	Bounder Plus wide seat width (21" wide and wider)(specify width: _____)	\$690.00
<b>CAPTAIN'S (VAN STYLE) SEATS</b>				* CSW14	___B4506	Bounder Plus 14" custom seat width (14.5" effective seat width)	\$1,150.00
* RECARO ES	___B392	Recaro ES power seating system (incl Ergomed ES seat mfg by RECARO & DX ACC1)	\$5,692.50	* CSW15	___B4507	Bounder Plus 15" custom seat width (15.25" effective seat width)	\$345.00
* CUS CAPT SEAT	___B393	Custom Captain's (van) seat	Call Factory	* SWOW	___B4508	Seat widened over drive wheels (can reduce overall chair width up to 3")(specify width: _____)	\$1,955.00
<b>FRAME COLOR</b>				* SWOW NARROW	___B4509	Seat widened over drive whls (narrow) (can reduce overall chair width up to 5")(specify width: _____)	\$2,300.00
BLACK	___B4001	Standard black powder coat	<b>Standard</b>	<b>* SEAT HEIGHT</b>			
RED	___B4002	Red powder coat	\$115.00	STD SEAT HEIGHT	___B4601	Standard seat height (21")	<b>Standard</b>
BLUE	___B4003	Blue powder coat	\$115.00	* PC CSHC	___B4611	Power chair custom seat height (18.5"-27")(specify height: _____)	\$1,150.00
DARK GREEN	___B4004	Dark green powder coat	\$115.00	* LCSHC	___B4613	Low pwr chair custom seat height ___17" ___18"	\$1,811.25
YELLOW	___B4005	Yellow powder coat	\$115.00	* LPSSSH	___B4614	Low pwr seat sys seat ht ___19" ___20"	\$1,811.25
LIGHT GRAY	___B4006	Light gray powder coat	\$115.00	* SWOW CSH	___B4617	SWOW custom seat ht (18.5"-27")(specify height: _____)	\$1,150.00
WHITE	___B4007	White powder coat	\$115.00	* CSTC	___B4618	Custom seat tilt	\$1,437.50
TEAL	___B4008	Teal powder coat	\$115.00	<b>FIXED BACK STYLE &amp; HEIGHT</b>			
LAVENDER	___B4009	Lavender powder coat	\$115.00	* STD BH	___B4701	Standard 16" 90 deg back height w/ 7 deg bend	<b>Standard</b>
PINK	___B4010	Pink powder coat	\$115.00	* CUS BH	___B4709	Custom 90 deg back height w/ 7 deg bend (15"-24")(specify height: _____)	\$805.00
* CUS PC	___B4021	Custom powder coat color	\$402.50	* CS945BH	___B4711	Custom straight 94.5 degree backpost height (front mounted uph or solid back)(for SMP BACK or SS ADJ ARM) (specify height: _____)	\$805.00
NON-BLACK ARMS	___B4041	Paint arms same color as frame	\$115.00	* CBHASBA	___B4712	Custom back height w/ adj seat-to-back angle (20 deg of adj)(400 lb limit)(specify height: _____) ___90 ___95 ___100 ___105 ___110	\$1,207.50
NON-BLACK FR	___B4042	Paint front rigging same color as frame	\$115.00	* CBHWSBA	___B4713	Custom back height w/welded seat-to-back angle (specify height: _____)(specify angle: _____)	\$1,207.50
NON-BLACK DWHLS	___B4043	Paint drive whls same color as frame	\$115.00				
<b>FRAME REINFORCEMENTS</b>							

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Part Number	Stock Qty Number	Part Description	Suggested Retail Price	Part Number	Stock Qty Number	Part Description	Suggested Retail Price
* CB&BBH	___B4714	Custom back height and/or back bend height	Call Factory	FPRB2	___B5053	Roller wheel bumpers (2.5" dia wheels mounted under footplates)	\$86.25
<b>TILT/RECLINE BACK STYLE &amp; HEIGHT</b>				WOFR	___B5061	Welded on non-removable front rigging	\$460.00
* STD REC BH	___B4715R	Straight 94.5 deg recline system backpost height ___ 24"	No Charge	RFPE	___B5062	Reduced footplate extension and adjustment range	\$460.00
* STD TILT BH	___B4715T	Straight 94.5 deg tilt or standing system backpost height ___ 18" ___ 24"	No Charge	AAFP	___B5072	Angle adjustable front rigging extensions	\$345.00
* CTRBH	___B4716	Custom tilt, recline or standing system backpost height (specify height: _____)	\$345.00	CFR	___B5081	Custom front rigging	Call Factory
* CTRSBA	___B4717	Custom tilt and/or recline system seat-to-back angle (specify angle: _____)	\$230.00	NFR	___B5092	No front rigging	No Charge
<b>HEADRESTS</b>				NCP	___B5093	Credit for no calf pads (legrests or CP ON FR only)	\$-11.50
* PHR	___B4801	Power headrest	\$2,875.00	<b>ARMS</b>			
* ACPHR	___B4802	Adjustable center post headrest (6" x 12.5" pad) (E0955/E1028)	\$402.50	STD DLDA	___B5101	Standard desk length detachable arms	<b>Standard</b>
* RHR	___B4803	10" high removable sling headrest	\$287.50	FLDA	___B5102	Full length detachable arms	\$138.00
* CSHR	___B4804	Custom size or style headrest for ACPHR or RHR	Call Factory	DLADA	___B5103	Desk length adj detachable arms (E0973)	\$241.50
<b>* FRONT RIGGING</b>				FLADA	___B5105	Full length adj detachable arms (E0973)	\$241.50
* FR70	___B5001	70 deg swingaway footrests	\$264.50	FLIP UP ARMS	___B5107	Add flip up to DLDA, FLDA, DLADA or FLADA	\$345.00
* FR60	___B5002	60 deg swingaway footrests	\$264.50	* DL ART ARM	___B5108	Desk length articulating arms	\$517.50
* FR55	___B5003	55 deg swingaway footrests	\$264.50	* FL ART ARM	___B5109	Full length articulating arms	\$517.50
* FR90	___B5004	90 deg swingaway footrests	\$402.50	* DL SL ARM	___B5110	Desk length sliding arms	\$517.50
* LRL	___B5005	Low profile elevating legrests (E0990)	\$402.50	* FL SL ARM	___B5111	Full length sliding arms	\$517.50
* LRH	___B5007	High profile (gooseneck) elevating legrests (E0990)	\$402.50	* DL SS ADJ ARM	___B5112	Desk length self-supporting adj arms	\$575.00
* LRH90	___B50079	90 degree high profile elevating legrests	\$575.00	* DL SS ADJ ARM CS	___B5112C	Desk length self-supporting adj arms for captain's seat	\$575.00
* DIPLR	___B5008	Dual indep pwr elev legrest mechanisms (actuators, sw box, legrests) (E1010)	\$2,760.00	* FL SS ADJ ARM	___B5113	Full length self-supporting adj arms	\$575.00
ELR PRM	___B5010	Elevating legrest push rod mechanism (links legrests to recline)	\$747.50	* FL SS ADJ ARM CS	___B5113C	Full length self-supporting adj arms for captain's seat	\$575.00
* RFR	___B5014	Reinforced footrests (footrests not included)	\$460.00	ARM UPH MOD	___B5113U	Upholstery modesty arm panels for use with SS ADJ ARMS	\$92.00
* RLR	___B5016	Reinforced elevating legrests (LRL or LRH not included)	\$575.00	* RECARO FU ARMS	___B5114	Recaro flip up arms (for recaro seats only)	\$1,035.00
* OFFSET FR	___B5018	Offset front rigging (specify offset)	\$345.00	* ONDA	___B5116	Offset non-detachable arms	\$287.50
* TAPER FR	___B5019	Tapered front rigging (specify taper)	\$460.00	* INDA	___B5117	Inline non-detachable arms	\$287.50
CP ON FR	___B5020	Install calf pads on footrests	\$230.00	* RAT	___B5131	Reinforced arm tips	\$115.00
* QRL	___B5023	Quad release levers	\$86.25	CAH	___B5132	Custom Arm Height	\$460.00
* CUS SFPW	___B5029	Custom welded on steel footplates (specify size)(order heelloops separately)	\$230.00	* CAD	___B5133	Custom arm depth	\$172.50
CUS SFP FLIP UP	___B5030	Custom flip up Steel footplates (specify size)(order heel loops separately)	\$322.00	* CARMS	___B5134	Custom arms	Call Factory
OFF	___B5031	Oversized footplates (less heel loops)	\$207.00	* NARMS	___B5135	Credit for no arms	\$-34.50
OFF HL	___B5031H	Oversized footplates w/ heel loops	\$218.50	<b>ARMREST PADS</b>			
* WFBPB	___B5032	1-piece wooden foot board, painted	\$143.75	* STD ARMREST PADS	___B5141	Std upholstered armrest pads	<b>Standard</b>
SMFB	___B5032M	1 piece sheet metal foot board, painted	\$184.00	* WATERFALL ARP	___B5142	Waterfall armrest pads	\$86.25
* WFBU	___B5033	1-piece wooden foot board, upholstered w/ pad	\$184.00	* TROUGH ARP	___B5143	Trough armrest pads	\$253.00
* CFB	___B5034	Custom 1-piece foot board	Call Factory	* FLAT ARP	___B5144	3.5" wide flat armrest pads	\$115.00
* FPHL	___B5041	Heel loops	\$46.00	* NARROW FLAT ARP	___B5145	2" wide narrow flat armrest pads	\$115.00
* FPAS	___B5042	Ankle straps	\$80.50	CARP	___B5146	Custom armrest pads	Call Factory
* FPTL	___B5043	Pair of toe loops	\$80.50	* NARP	___B5147	Credit for no armrest pads	\$-6.90
SLS	___B5044	Single leg (calf) strap, black w/ velcro	\$46.00	<b>WHEELCHAIR SEATS &amp; SEAT CUSHIONS</b>			
HLS	___B5045	H-type leg (calf) strap, black w/ velcro	\$69.00	* SD SEAT UPH NC	___B5203N	Bounder Plus & Big Bounder super duty screw-on sling seat upholstery N/C	<b>Standard</b>
STD CALF PADS	___B5046	Std calf pads (Naugahyde only) (only if legrests or CP ON FR ordered)	No Charge	* SS ADJ	___B5224	Solid seat with adjustable brackets	\$345.00
* CALF FLAT	___B5047	Flat calf pads	\$138.00	* SMP SEAT FLAT	___B5231	Flat powder coated sheet metal pan seat	\$172.50
CALF TROUGH	___B5048	Trough calf pads	\$201.25	* SMP DROP SEAT	___B5233	Flat powder coated drop sheet metal seat (specify 1" or 2" drop)	\$805.00
CALF CUSTOM	___B5049	Custom calf pads	Call Factory	* SMP DROP SEAT ADJ	___B5234	Flat powder coated sheet metal pan drop seat with adjustable brackets	\$862.50
RCPM	___B5050	Recessed calf pad mounts (specify 1" or 2")	\$230.00	* SMP SEAT CUSHION	___B5242	Upholstered foam seat cushion (up to 3"; specify thickness: _____)	\$230.00
CCPM	___B5051	Custom calf pad mounts	Call Factory	* SPEC SEAT FOAM	___B5262A	Special seat foam up to 24" wide (Pudgee, Sunmate, etc.)(each 1/2" thickness)	Call Factory
				SPEC SEAT FOAM OS	___B5262B	Special seat foam 25" and wider (Pudgee, Sunmate, etc.)(each 1/2" thickness)	Call Factory

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CSSC	___B5263	Custom seat or seat cushion	Call Factory	CUS CTRL MOUNT	___B6171	Custom control mount	Call Factory
NO SEAT	___B5271	No seat attached to seat rails	No Charge	* CUS EXT SLIDE	___B6172	Custom extension slide	Call Factory
<b>WHEELCHAIR BACKS &amp; BACK CUSHIONS</b>				<b>DRIVE MODULES</b>			
* SD BACK UPH NC	___B5303N	BOUNDER Plus & Big BOUNDER super duty screw-on sling back upholstery N/C	<b>Standard</b>	<u>UE1GT Premium 6-Program Wheelchair Electronics &amp; Options</u>			
* FCWB ADJ	___B5324	Foam covered wood back with adjustable brackets, 1" thick foam (up to 24" wide)	\$345.00	UE1GT DM24	___B6291T	UE1GT 24 volt electronics w/ Smart Brake Release Switch	<b>Standard</b>
* FCWB CURVED ADJ	___B5325	Foam covered curved wood back with adjustable brackets, 1" thick foam	\$575.00	UE1GT PSM 1	___B6293C	UE1GT variable speed power seating module, one actuator (E2310)	\$1,380.00
SMPB FLAT	___B5331	Flat powder coated sheet metal pan back	\$230.00	UE1GT PSM M	___B6293D	UE1GT variable speed power seating module, multiple actuators (E2311)	\$2,760.00
* SMPB CURVED	___B5332	Curved powder coated sheet metal pan back	\$345.00	UE1GT ESSS	___B6296E	UE1GT emergency stop and select switch	\$143.75
SMPB CURVED ADJ	___B5333	Curved sheet metal pan back w/ adj brackets	\$460.00	UE1GT RPS	___B6296P	UE1GT remote power switch	\$143.75
* SMP BACK CUSHION	___B5342	Upholstered foam back cushion (up to 2"; specify thickness: ___)	\$230.00	UE1GT AUX SW	___B6298A	UE1GT auxiliary switch (specify function)	\$143.75
* SPEC BACK FOAM	___B5362A	Special back foam up to 24" wide (Pudgee, Sunmate, etc.)(each 1/2" thickness)	Call Factory	* UE1GT PS OVERRIDE	___B6298C	UE1GT power seating system override switch (specify seating system)	\$517.50
SPEC BACK FOAM OS	___B5362B	Special back foam 25" and wider (Pudgee, Sunmate, etc.)(each 1/2" thickness)	Call Factory	UE1GT PRGMR	___B6299	UE1GT plug-in programmer	\$575.00
CBBC	___B5363	Custom back or back cushion	Call Factory	<b>* DX Programmable Electronics</b> <span style="float: right;"><b>call factory</b></span>			
SB MOD FLAP	___B5369	Modesty flap, velcros between seat and back upholstery	\$86.25	<b>ASL (Adaptive Switch Labs) Wheelchair Control Systems</b> <span style="float: right;"><b>call factory</b></span>			
NO BACK	___B5371	No back attached to backposts	No Charge	<b>PG DRIVES Programmable Electronics</b> <span style="float: right;"><b>call factory</b></span>			
<b>* UPHOLSTERY COLOR</b>				<b>DRIVE MODULE MOUNTS</b>			
STD BLACK NAUG	___B5401	Standard black Naugahyde upholstery	<b>Standard</b>	* BACK MOUNT	___B6703	Drive module mounted on back of chair	<b>Standard</b>
* BLACK SOFLEECE 3	___B5411	Sofleece 3 fabric upholstery (for use on cushions, solid seats & backs only)	\$115.00	* USM	___B6704	Drive module mounted under wheelchair seat	No Charge
BLACK FAB	___B5431	Black fabric upholstery	No Charge	OBMM CF	___P6706C	Drive module mounted over C-Frame battery box	\$230.00
CAMO FAB	___B5434	Camouflage fabric upholstery	No Charge	CUS DM MNT	___B6711	Custom drive module mount	Call Factory
CUS UPH	___B5451	Custom upholstery	Call Factory	<b>RESPIRATOR &amp; OXYGEN BOTTLE MOUNTS</b>			
<b>CONTROL BOXES &amp; REMOTE DISPLAY</b>				* RESP SHELF	___B6801	Fixed position respirator shelf	\$460.00
STD RHC	___B6001	Right hand control	<b>Standard</b>	* RESP GIMBAL SHELF	___B6803	Gimbal mounted respirator shelf	\$1,380.00
LHC	___B6002	Left hand control	No Charge	* RESP BBOX U1	___B6811	Single U1 battery box mounted on shelf (specify location; for respirators)	\$460.00
UE1GT DHC T	___B6005	UE1GT Driver Hand Control with toggle power, select & aux1 switches	<b>Standard</b>	RESP BAU1 GEL-CELL	___B6812	Respirator U1 gel-cell battery	\$218.50
* RD	___B6011	Remote Display separate from joystick & switches	\$517.50	RESP BC12-6	___B6813	Respirator 12.6V auto charger	\$287.50
* CB KEY LOCK	___B6012	Add key switch at front of hand control	\$172.50	SE O2 BOT HLD	___B6901	Single E size oxygen bottle holder	\$632.50
HC SP	___B6013	Add speed pot to hand ctrl in place of AUX SW	\$345.00	DE O2 BOT HLD	___B6902	Dual E size oxygen bottle holder	\$862.50
UE1GT DCC BIB	___B6023T	UE1GT driver chin control, bib mounted (less mount & chin cup)	\$1,150.00	TE O2 BOT HLD	___B6902T	Triple E size oxygen bottle holder	\$1,092.50
UE1GT DCC FRONT	___B6027T	UE1GT driver chin control with front facing switches (less mount and chin cup)	\$1,150.00	<b>MOTORS &amp; BRAKES</b>			
UE1GT ACDC	___B6029T	UE1GT attendant control/dual control	\$1,380.00	* ST3M&B NC	___B7003N	BOUNDER Plus & Big BOUNDER super torque 3 motors & brakes N/C	<b>Standard</b>
UE1GT ACDC AC ONLY	___B6031	UE1GT attendant control/dual control, attendant only (no driver control)	\$690.00	* ST4M&B-M	___B7007	Super Torque 4 motors & brakes, medium speed	\$1,150.00
* CB JRP	___B6039	Joystick retention plate	\$230.00	<b>DRIVE WHEEL OPTIONS</b>			
* CUS CB	___B6041	Custom hand, foot, head or chin control	Call Factory	* DW 20M	___B7051	20"x2.125" black metal drive wheels	<b>Standard</b>
<b>HAND &amp; CHIN CONTROL MOUNTS &amp; EXTENSIONS</b>				* DW 16M	___B7052	16"x2.125" black metal drive wheels	No Charge
* STD HC MOUNT	___B6111	Standard hand control mount	<b>Standard</b>	<b>DRIVE WHEEL TIRE &amp; TUBE OPTIONS</b>			
STD HC EXT	___B6112	Standard hand control extension slide	<b>Standard</b>	STD DT&T	___B7071	Thorn resist inner tubes & gray tires	<b>Standard</b>
* SA EXT	___B6115	Swingaway hand control extension slide (E1028)	\$345.00	DWI HD	___B7073	High density airless drive wheel inserts	\$195.50
* MIDLINE HC EXT	___B6116	Midline hand control extension slide	\$402.50	<b>* V-BELT DRIVES</b>			
* CC MOUNT	___B6121	Chin control mount	\$460.00	* FSV	___B7102	Factory select best V-belt drive	No Charge
* POWER CC MOUNT	___B6122	Power chin control mount	\$1,380.00	* V32	___B7111	3.20" OD motor V-pulleys	No Charge
* CC BIB MOUNT	___B6131	Chin control bib mount	\$575.00	* V30	___B7112	3.00" OD motor V-pulleys	No Charge
RECARO DHC MNT	___B6142	Recaro driver hand control mount (mounts to Recaro arm)	\$230.00	* V28	___B7113	2.80" OD motor V-pulleys	No Charge
				* V25	___B7114	2.50" OD motor V-pulleys	No Charge
				* V22	___B7115	2.20" OD motor V-pulleys	No Charge
				* V20	___B7116	2.00" OD motor V-pulleys	No Charge

# BOUNDER Plus CONVENTIONAL FRAME PWR WHEELCHAIR

**21st Century SCIENTIFIC, Inc. (800) 448-3680 (208) 667-8800 FAX (208) 667-6600**

**e-mail: 21st@wheelchairs.com www.wheelchairs.com**

IF \* SEE NOTE LISTED BY STOCK NUMBER ON LAST PAGES

Part Number	Stock Qty Number	Part Description	Suggested Retail Price
* V110	___B7133	11" drive wheel V-pulleys	No Charge
* V120	___B7134	12" drive wheel V-pulleys	No Charge
V140	___B7135	14" drive wheel V-pulleys	No Charge

\* CHAIN DRIVES (available on custom basis; contact factory for pricing)

**PANTHER DRIVES (Slower speeds can be programmed through the electronics)**

* PANTHER DRIVE	___B7351	Panther drive	\$1,380.00
FSP	___B7352	Factory to select best Panther drive	No Charge
P28	___B7358	28 tooth motor Panther sprockets	No Charge
P26	___B7359	26 tooth motor Panther sprockets	No Charge
P24	___B7360	24 tooth motor Panther sprockets	No Charge
P22	___B7361	22 tooth motor Panther sprockets	No Charge
* P112	___B7373	112 tooth drive wheel Panther sprockets	No Charge
* P144	___B7374	144 tooth drive wheel Panther sprockets	No Charge

**CASTER WHEEL & FORK OPTIONS**

CF XDCBF 8X2	___B7412X	C-frame 8"x2" Xtra duty caster barrels, suspension forks & caster wheels	No Charge
CF XDCBF 9X3.50	___B7413X	C-Frame 9"x3.50" Xtra duty caster barrels, suspension forks & metal caster wheels	\$402.50

**Caster Tire & Tube Options**

STD CT&T	___B7481	Standard full pneumatic caster tubes & gray tires	<b>Standard</b>
FFCW HD	___B7483	High density flat-free gray caster tires	\$172.50

FS COPPER	___B7497C	Copper color fork springs	<b>Standard</b>
FS RED	___B7497R	Red color fork springs, softer, for patients up to 250 lbs	No Charge

**VEHICLE TIEDOWNS**

* TD DSI	___B7602	Weld in Driving Systems tiedown bar	\$575.00
* EZ LOCK TD	___B7603	Install EZ Lock tiedown crossbar and bolt onto chair	\$575.00

**BATTERY BOXES**

STD BBOXD27	___B7701	Standard dual group 27 sliding battery box	<b>Standard</b>
* BBOXD27 THIN	___B7702	Thin dual group 27 sliding batt box	\$460.00
BBOXD27 SM	___B7711	Dual group 27 sheet metal sliding battery box	\$345.00
* BBOXD24	___B7713	Dual group 24 sliding battery box	\$230.00
CUS BBOX	___B7751	Custom battery box	Call Factory

**BATTERIES**

BA27 GEL-CELL	___B7802	Pair, group 27 gel-cell batteries (E2371)	\$977.50
BA24 GEL-CELL	___B7804	Pair, group 24 gel-cell batteries (E2363)	\$920.00

**\* BATTERY CHARGERS**

STD BCDM8	___B7903	Dual mode 8A Lester auto charger	<b>Standard</b>
* BCDM12	___B7904	Dual mode 12A Lester auto charger	\$230.00
* BCDM12W	___B7908	Dual mode 12A Lester world-wide auto charger	\$230.00
* NBC	___B7911	Credit for no battery charger	-\$86.25

**ACCESSORIES**

* LP TIBB	___B8002	Safety Illumination package w/ taillights built into battery box cover	\$391.00
* LP NO TL	___B8003	Safety Illumination package w/o taillights	\$322.00
* HL2	___B8007	2nd headlamp	\$96.60
* HORN	___B8021	24V Safety audio alert	\$287.50
* LB2	___B8032	Electric leg bag emptier 2	\$632.50
* FAN	___B8041	Fan with on-off control	\$287.50
* SSAI	___B8045	Specialty switch accessory interface	\$575.00

IF \* SEE NOTE LISTED BY STOCK NUMBER ON LAST PAGES

Part Number	Stock Qty Number	Part Description	Suggested Retail Price
* 24/12PC	___B8046	24V to 12V power converter (5A maximum load)	\$575.00
DW FENDERS	___B8052	Drive wheel fenders	\$575.00
* MIRROR	___B8091	Rear view mirror	\$92.00
WL	___B8101	Wheel locks on power chair/gurney	\$138.00
WLE	___B8105	Wheel lock extensions (pair)	\$57.50

**\* SEAT POSITIONING STRAPS (Do not use as seat belts in vehicles)**

PS FLIP LATCH S	___B8201	60" flip latch seat mount positioning strap	\$57.50
PS PUSH BUTTON S	___B8202	60" push button seat mount positioning strap	\$57.50
PS PINCH BUCKLE S	___B8203	60" pinch buckle seat mount positioning strap	\$57.50
PS VELCRO S	___B8204	60" velcro closure seat mount positioning strap	\$57.50
* PS CUS S	___B8211	Custom seat mount positioning strap (specify buckle type and length)	\$115.00

**CHEST POSITIONING STRAPS (Do not use as seat belts in vehicles)**

PS FLIP LATCH C	___B8251	60" flip latch chest mount positioning strap	\$115.00
PS PUSH BUTTON C	___B8252	60" push button chest mount positioning strap	\$115.00
PS PINCH BUCKLE C	___B8253	60" pinch buckle chest mount positioning strap	\$115.00
PS VELCRO C	___B8454	60" velcro closure chest mount positioning strap	\$115.00
PS CUS C	___B8261	Custom chest mount positioning strap (specify buckle type and length)	\$172.50

**WARRANTIES AND SPECIAL SERVICE OPTIONS**

**STANDARD WARRANTIES**

* BP CF PWC WAR	___B9021	BOUNDER Plus conventional frame power wheelchair standard warranty	<b>Standard</b>
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**EXTENDED WARRANTIES**

EL3 EWAR	___B9102	Extend UE1 Series electronics warranty to 3 years	\$575.00
BP PC3 EWAR	___B9203	Extend BOUNDER Plus entire power chair warranty to 3 years	\$1,150.00

**SPECIAL SERVICE OPTIONS**

* EBO	___B9301	Emergency Build Order	Call Factory
* EEC	___B9302	Engineering and evaluation charge	Call Factory

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Stk# Note

## BASIC MODELS

### BOUNDER Plus

B021 BPC PWC W/ ELECT. BOUNDER PLUS CONVENTIONAL TUBE FRAME POWER CHAIR W/ UE1GT ELECTRONICS. 16", 17", 18", 19" AND 20" WIDE. 14" & 15" WIDE AVAILABLE AT EXTRA COST. FOR WIDER WIDTHS, ORDER A BIG BOUNDER. THIS IS A COMPLETE CHAIR. PRICE INCLUDES UE1GT ELECTRONICS. TO UPGRADE ELECTRONICS USE B021A CHAIR WITHOUT ELECTRONICS OR B021C BASE ONLY WITHOUT ELECTRONICS. IF POWER SEATING SYSTEMS ARE REQUIRED, ORDER B021B BASE ONLY WITH UE1GT ELECTRONICS OR B021C BASE ONLY WITHOUT ELECTRONICS.

B021B BPC PWB W/ ELECT. BOUNDER PLUS CONVENTIONAL TUBE FRAME BASE ONLY W/ UE1GT ELECTRONICS (REQUIRES 21ST POWER SEATING). FOR USE WITH 21ST POWER RECLINE, TILT, ELEVATE, OR POWER ELEVATING LEGRESTS ONLY. NOT AVAILABLE FOR USE WITH OTHER SEATING SYSTEMS. PRICE INCLUDES UE1GT ELECTRONICS.

## CONSTRUCTION OPTIONS

### 21st POWER SEATING SYSTEMS

(many systems can be combined, contact factory for available combinations)

B301A PRS 80. 80 DEGREE POWER RECLINE SYSTEM (E1003). CONVENTIONAL FRAME CHAIRS HAVE THE ACTUATOR MOUNTED UNDER THE SEAT. H-FRAME CHAIRS HAVE A BACK MOUNTED ACTUATOR. NON SLIDING BACK; FOR USE WITH POWER LEGRESTS, LEGRESTS W/ PUSHRODS, MANUALLY OPERATED LEGRESTS, FOOTRESTS, AND CHAIRS WITHOUT FRONT RIGGING. INCLUDES CHOICE OF ARMS (DLDA, DLADA, FLDA OR FLADA).

B301B PRS 40. 40 DEGREE POWER RECLINE SYSTEM (E1003). CONVENTIONAL FRAME CHAIRS HAVE THE ACTUATOR MOUNTED UNDER THE SEAT. H-FRAME CHAIRS HAVE A BACK MOUNTED ACTUATOR. NON SLIDING BACK; FOR USE WITH POWER LEGRESTS, LEGRESTS WITH PUSHRODS, MANUALLY OPERATED LEGRESTS, FOOTRESTS, AND CHAIRS WITHOUT FRONT RIGGING. USE FOR PATIENTS OVER 300 LB, COMBINATION SEATING SYSTEMS AND WHEN REQUIRED BY 21ST. INCLUDES CHOICE OF ARMS (DLDA, DLADA, FLDA & FLADA).

B303A SBPRS 70. 70 DEGREE SLIDING BACK POWER RECLINE SYSTEM (E1004). CONVENTIONAL FRAME CHAIRS HAVE THE ACTUATOR MOUNTED UNDER THE SEAT. H-FRAME CHAIRS HAVE A BACK MOUNTED ACTUATOR. THE BACK SLIDES DOWN WHEN RECLINED TO REDUCE SHEAR. FOR USE WITH POWER LEGRESTS, LEGRESTS W/ PUSH RODS, MANUALLY OPERATED LEGRESTS, FOOTRESTS, AND CHAIRS WITHOUT FRONT RIGGING. INCLUDES CHOICE OF ARMS (DLDA, DLADA, FLDA & FLADA).

B303B SBPRS 40. 40 DEGREE SLIDING BACK POWER RECLINE SYSTEM (E1004). CONVENTIONAL FRAME CHAIRS HAVE THE ACTUATOR MOUNTED UNDER THE SEAT. H-FRAME CHAIRS HAVE A BACK MOUNTED ACTUATOR. THE BACK SLIDES DOWN WHEN RECLINED TO REDUCE SHEAR. FOR USE WITH POWER LEGRESTS, LEGRESTS WITH PUSH RODS, MANUALLY OPERATED LEGRESTS, FOOTRESTS, AND CHAIRS WITHOUT FRONT RIGGING. USE FOR PATIENTS OVER 300 LB, COMBINATION SEATING SYSTEMS AND WHEN REQUIRED BY 21ST. INCLUDES CHOICE OF ARMS (DLDA, DLADA, FLDA & FLADA).

B305A PTS 50. 50 DEGREE POWER TILT SYSTEM (E1002). FOR USE WITH POWER LEGRESTS, MANUALLY OPERATED LEGRESTS, FOOTRESTS, AND CHAIRS WITHOUT FRONT RIGGING. INCLUDES CHOICE OF ARMS (DLDA, DLADA, FLDA OR FLADA).

B305B PTS 30. 30 DEGREE POWER TILT SYSTEM (E1002). FOR USE WITH POWER LEGRESTS, MANUALLY OPERATED LEGRESTS, FOOTRESTS, AND CHAIRS WITHOUT FRONT RIGGING. USE FOR PATIENTS OVER 300 LB, COMBINATION SEATING SYSTEMS AND WHEN REQUIRED BY 21ST. INCLUDES CHOICE OF ARMS (DLDA, DLADA, FLDA OR FLADA).

B308A PSE2 13. POWER SEAT ELEVATOR 2 (13" VERT RISE). SEAT AND BACK RAISE TOGETHER A TOTAL OF UP TO ABOUT 13 INCHES. 250 LB MAXIMUM USER WEIGHT. THE MINIMUM SEAT HEIGHT IS 21". CONTACT THE FACTORY FOR ADDITIONAL INFORMATION.

B308B PSE2 8. POWER SEAT ELEVATOR 2 (8" VERT RISE). SEAT AND BACK RAISE TOGETHER A TOTAL OF UP TO ABOUT 8 INCHES. FOR USERS WEIGHING 250 - 500 LB. THE MINIMUM SEAT HEIGHT IS 21". CONTACT THE FACTORY FOR ADDITIONAL INFORMATION.

### POWER SEATING OPTIONS, HEAVY DUTY UPGRADES & LOCKOUTS

B371 PTS L0. POWER TILT SYSTEM DRIVE LOCKOUT. SPECIFY COMPLETE (STOP), SLOW, MEDIUM OR FAST SPEED DRIVE LOCKOUT.

B373 PSE2 L0. POWER SEAT ELEVATOR DRIVE LOCKOUT. SPECIFY COMPLETE (STOP), SLOW, MEDIUM OR FAST SPEED DRIVE LOCKOUT.

### CAPTAIN'S (VAN STYLE) SEATS

B392 RECARO ES. RECARO ES POWER SEATING SYSTEM (INCL ERGOMED ES SEAT MFG BY RECARO & DX ACC1). RECARO ERGOMED ES STANDARD FEATURES INCLUDE: 1) FULLY PADDED HEADREST WITH HEIGHT AND TILT ADJUSTMENT, 2) ELECTRIC RECLINE ADJUSTMENT, 3) SEAT BACK RELEASE ON BOTH SIDES, 4) STEEL SHELL CONSTRUCTION SEAT FRAME, 5) ADJUSTABLE BACKREST SIDE BOLSTERS, 6) BACKREST POCKET, 7) ELECTRIC DOUBLE CHAMBER RECARO AIRMATIC FOR LUMBAR SUPPORT, 8) ELECTRIC HEIGHT ADJUSTMENT, 9) ELECTRIC TILT ADJUSTMENT, 10) EXTENDABLE SEAT CUSHION, 11) ILLUMINATED CONTROLS, INTEGRATED INTO SEAT 12) CLIMATE CONTROL PACKAGE (RECARO VENT SYSTEM WITH SEAT CUSHION AND BACKREST HEATING)(INCLUDES DX-ACC1 24V TO 12V POWER SUPPLY) 13) BLACK CLOTH UPHOLSTERY STANDARD. CAN BE COMBINED WITH PSE2 OR PTS, AS WELL AS DIPLR (DUAL INDEPENDENT POWER ELEVATING LEGRESTS) ON SOME CHAIRS.

Stk# Note

PRICE INCLUDES INSTALLATION ON A SPECIAL CONVENTIONAL (TUBE STYLE) FRAME THAT IS 17.75" WIDE AND 18" DEEP, OR A STANDARD H-FRAME. SEAT HEIGHT WILL BE APPROXIMATELY 22" FOR CONVENTIONAL FRAME POWER CHAIRS, 24" OR 26" HIGH ON H-FRAME POWER CHAIRS AND 20" FOR MANUAL CHAIRS.

THE RECARO ES SEAT REPLACES THE DS SEAT AS OF 2005.

B393 CUS CAPT SEAT. CUSTOM CAPTAIN'S (VAN) SEAT. CUSTOM CAPTAIN'S STYLE SEATS CAN SOMETIMES BE INSTALLED ON H-FRAME BASES. CONTACT THE FACTORY FOR ADDITIONAL INFORMATION.

### FRAME COLOR

B4021 CUS PC. CUSTOM POWDER COAT COLOR. SEND SAMPLE OF COLOR. WE WILL DO OUR BEST TO MATCH IT!

### FRAME REINFORCEMENTS

B4105 TWTFM. THICK 0.120" WALL TUBING. INCLUDED AT NO CHARGE IN ALL POWER 700, POWER 1000 AND MANUAL 1000 CONSTRUCTION OPTIONS.

B4109 SBP. SOLID BACK POSTS. INCLUDED AT NO CHARGE ON ALL POWER 700, POWER 1000 AND MANUAL 1000 FRAME OPTIONS.

B4113 CBPT. CROSS STRUT BETWEEN BACKPOST HANDLE TIPS. INCLUDED AT NO CHARGE ON ALL POWER 700, POWER 1000 AND MANUAL 1000 FRAME OPTIONS.

### REAR WHEEL OFFSET (RWO)

B4301 STD RWO. STANDARD REAR WHEEL OFFSET. HORIZONTAL DISTANCE FROM CENTER OF BACKPOST TO CENTER OF REAR WHEELS. 3.1" FOR STANDARD BOUNDER & BOUNDER PLUS POWER CHAIRS. 2.1" FOR STANDARD BIG BOUNDER POWER CHAIRS. 0" FOR MOST MANUAL PUSH CHAIRS. 3.66" FOR CHAIRS WITH POWER SEATING SYSTEMS.

B4302 CRWO. CUSTOM REAR WHEEL OFFSET. SPECIFY THE OFFSET IN INCHES YOU REQUIRE.

### SEAT DEPTH

B4403 STD TILTREC SD. STD 17" TILT/RECLINE SEAT DEPTH. FOR CHAIRS WITH TILT, REVERSE TILT AND/OR RECLINE SYSTEMS ONLY.

B4408 CSDU. CUSTOM SEAT DEPTH BY UPHOLSTERY. INSTALL 1" DEEPER SEAT UPHOLSTERY THAN NORMAL ON CHAIR. THIS ONLY LENGTHENS THE SEAT UPHOLSTERY NOT THE FRAME. THIS ITEM NOT RECOMMENDED FOR TALL USERS. IT IS ALSO POSSIBLE TO INSTALL 1" SHORTER UPHOLSTERY THAN NORMAL ON SOME CHAIRS.

B4411 CSDSRE. CUS SEAT DEPTH BY SEAT RAIL EXTENSION. INSTALL UP TO 2" DEEPER SEAT UPHOLSTERY BY EXTENDING SEAT RAIL ON CHAIR. THIS ONLY LENGTHENS THE SEAT RAIL AND SEAT UPHOLSTERY NOT THE FRAME. THIS ITEM TYPICALLY RESULTS IN THE USERS KNEES BEING FURTHER FORWARD THEN NORMAL RELATIVE TO THEIR TOES. MAKE CERTAIN THIS IS WHAT IS NEEDED BEFORE ORDERING.

B4412 CSDS. CUSTOM SPLIT DEPTH SEAT. SEAT IS MADE DEEPER ON ONE SIDE THAN THE OTHER.

### SEAT WIDTH

B4506 CSW14. BOUNDER PLUS 14" CUSTOM SEAT WIDTH (14.5" EFFECTIVE SEAT WIDTH). AVAILABLE ON BOUNDER PLUS CONVENTIONAL FRAME CHAIR ONLY. FOR POWER CHAIRS, INSTALLATION OF A DUAL GROUP 24 SHEET METAL SLIDING BATTERY BOX IS REQUIRED AT ADDITIONAL EXPENSE. OVERALL CHAIR WIDTH WILL BE APPROXIMATELY 22".

B4507 CSW15. BOUNDER PLUS 15" CUSTOM SEAT WIDTH (15.25" EFFECTIVE SEAT WIDTH). AVAILABLE ON BOUNDER PLUS CONVENTIONAL FRAME CHAIR ONLY. FOR POWER CHAIRS, INSTALLATION OF A DUAL GROUP 27 SHEET METAL SLIDING BATTERY BOX IS REQUIRED AT ADDITIONAL EXPENSE. OVERALL CHAIR WIDTH WILL BE APPROXIMATELY 22 1/2".

B4508 SWOW. SEAT WIDENED OVER DRIVE WHEELS (CAN REDUCE OVERALL CHAIR WIDTH UP TO 3")(SPECIFY WIDTH). SPECIFY SEAT WIDTH AND FRAME WIDTH. SWOW CAN REDUCE CHAIR WIDTH UP TO 3". FRAME CAN BE UP TO 3" NARROWER THAN THE SEAT. NOT AVAILABLE ON 14" WIDE CHAIRS. NOT AVAILABLE ON 15" WIDE CHAIRS UNLESS GROUP 24 BATTERY BOX IS INSTALLED, AND ONLY 1" OF NARROWING IS POSSIBLE. LIMITED NARROWING POSSIBLE ON 16", 17" AND 18" WIDE CHAIRS.

B4509 SWOW NARROW. SEAT WIDENED OVER DRIVE WHLS (NARROW) (CAN REDUCE OVERALL CHAIR WIDTH UP TO 5")(SPECIFY WIDTH). SPECIFY SEAT WIDTH AND FRAME WIDTH. SWOW NARROW CAN REDUCE OVERALL CHAIR WIDTH UP TO 5". FRAME CAN BE UP TO 5" NARROWER THAN THE SEAT. ARMREST PADS ARE NORMALLY REVERSE MOUNTED SO THEY DO NOT STICK OUT. THE HAND CONTROL IS MOUNTED ON INSIDE OF ARM. FOR CHAIRS 18" AND NARROWER, ORDER SWOW INSTEAD. REDUCED NARROWING POSSIBLE ON 19" AND 20" WIDE CHAIRS. FULL 5" NARROWING USUALLY POSSIBLE ON 21" AND WIDER CHAIRS.

### SEAT HEIGHT

NOTE THAT THE SEAT HEIGHT AT FRONT CAN BE ADJUSTED TO 20", 20.5" OR 21" BY CHANGING THE POSITION OF THE FRONT WHEELS IN THE SUSPENSION FORKS. THIS ALSO CHANGES THE TILT OF THE SEAT. RECARO SEAT HEIGHTS MAY BE SLIGHTLY HIGHER.

B4611 PC CSHC. POWER CHAIR CUSTOM SEAT HEIGHT (18.5"-27")(SPECIFY HEIGHT). AVAILABLE CUSTOM SEAT HEIGHTS FOR CONVENTIONAL TUBE POWER CHAIRS ARE 18.5", 19", 20", 21", 22", 23", 24", 25", 26" AND 27". FOR CONVENTIONAL TUBE POWER CHAIRS, 21" IS STANDARD AT NO CHARGE (ORDER STD SEAT HEIGHT). FOR CONVENTIONAL TUBE FRAME POWER CHAIRS WITH RECARO SEATING SYSTEMS, 21.5" SEAT HEIGHT IS STANDARD, THOUGH 22.5", 23.5", 24.5", 25.5" AND 26.5" SEAT HEIGHTS CAN BE SUPPLIED.

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Stk#	Note
B4613	LCSHC. LOW PWR CHAIR CUSTOM SEAT HEIGHT. NOT AVAILABLE FOR CHAIRS WITH POWER SEATING. ORDER LPSSSH INSTEAD.
B4614	LPSSSH. LOW PWR SEAT SYS SEAT HT. FOR LOW SEAT HEIGHTS ON CHAIRS WITH POWER SEATING SYSTEMS. SPECIFY EITHER 19" OR 20".
B4617	SWOW CSH. SWOW CUSTOM SEAT HT (18.5"-27")(SPECIFY HEIGHT: SPECIFY SEAT HEIGHT: 18.5", 20", 22", 23", 24", 25", 26" OR 27".
B4618	CSTC. CUSTOM SEAT TILT. SPECIFY SEAT RAIL HEIGHT ABOVE GROUND AT FRONT AND REAR.

## FIXED BACK STYLE & HEIGHT

B4701	STD BH. STANDARD 16° 90 DEG BACK HEIGHT W/ 7 DEG BEND. 16.5" TOP OF BACK HEIGHT ABOVE TOP OF SEAT RAILS. FOR MOST CHAIRS, IF SLING UPHOLSTERY IS INSTALLED, THE UPHOLSTERY HEIGHT WILL BE 18", WITH 1.5" BEING BELOW THE TOP OF THE SEAT RAILS. PUSH HANDLES ARE BENT AT TOP OF BACKPOST. STANDARD BACK BEND HEIGHT IS 9.5" ABOVE THE SEAT RAILS FOR ALL NON-RECLINING BACK HEIGHTS. IF YOU NEED A CUSTOM BACK BEND HEIGHT, ORDER CB&BBHC.
B4709	CUS BH. CUSTOM 90 DEG BACK HEIGHT W/ 7 DEG BEND (15"-24")(SPECIFY HEIGHT: CUSTOM HEIGHT BACKPOST FOR USE WITH BACK MOUNTED UPHOLSTERY OR SOLID BACKS WITH ADJUSTABLE HARDWARE. PUSH HANDLES ARE BENT AT TOP OF BACKPOST. STANDARD BACK BEND HEIGHT IS 9.5" ABOVE THE SEAT RAILS FOR ALL NON-RECLINING BACK HEIGHTS. IF YOU NEED A CUSTOM BACK BEND HEIGHT, ORDER CB&BBHC.
B4711	CS945BH. CUSTOM STRAIGHT 94.5 DEGREE BACKPOST HEIGHT (FRONT MOUNTED UPH OR SOLID BACK)(FOR SMP BACK OR SS ADJ ARM) (SPECIFY HEIGHT: BACKPOSTS ARE STRAIGHT AND WELDED TO THE SEAT RAIL AT 94.5 DEGREES. THERE IS NO BACK BEND AT THE SMALL OF THE BACK. THE BACK UPHOLSTERY OR SOLID BACK IS ATTACHED TO THE FRONT OF THE BACKPOSTS. PUSH HANDLES ARE WELDED PARALLEL TO GROUND. THIS ITEM IS REQUIRED IF INSTALLING A CURVED SHEET METAL PAN BACK OR SELF SUPPORTING ARMS. NOTE: THE EFFECTIVE SEAT DEPTH IS USUALLY DECREASED BY ABOUT 1.5". SPECIFY BACK HEIGHT FROM 12 TO 28 INCHES.
B4712	CBHASBA. CUSTOM BACK HEIGHT W/ ADJ SEAT-TO-BACK ANGLE (20 DEG OF ADJ)(400 LB LIMIT)(SPECIFY HEIGHT: ). ALLOWS SEAT TO BACK ANGLE TO BE SET AT 90, 95, 100, 105 OR 110. ATTACHED W/ SCREWS. 400 LB MAXIMUM USER WEIGHT. SPECIFY BACK STYLE, HEIGHT AND ANGLE.
B4713	CBHWSBA. CUSTOM BACK HEIGHT W/WELDED SEAT-TO-BACK ANGLE (SPECIFY HEIGHT: ). FOR CHAIRS WITHOUT TILT OR RECLINE SYSTEMS. SPECIFY BACK HEIGHT AND SEAT TO BACK ANGLE BETWEEN SEAT RAIL AND BACKPOST FROM 90 DEGREES (VERTICAL) TO 180 DEGREES (HORIZONTAL).
B4714	CB&BBH. CUSTOM BACK HEIGHT AND/OR BACK BEND HEIGHT. SPECIFY BACKPOST STYLE, BACK HEIGHT AND THE BACK BEND HEIGHT (IF APPLICABLE) ABOVE THE TOP OF THE SEAT RAILS. REQUIRED IF BACK BEND HEIGHT IS DIFFERENT THAN 9.5" ABOVE THE SEAT RAILS. CONTACT FACTORY FOR PRICE.

## TILT/RECLINE BACK STYLE & HEIGHT

B4715R	STD REC BH. STRAIGHT 94.5 DEG RECLINE SYSTEM BACKPOST HEIGHT. AVAILABLE ONLY FOR CHAIRS WITH 21ST RECLINE (OR TILT AND RECLINE) SYSTEMS. 24" HIGH SLING BACK UPHOLSTERY MOUNTS ON FRONT OF BACKPOSTS. BACKPOSTS ARE STRAIGHT AND MEASURE 24.3" FROM THE SEAT RAIL TO THE TOP OF THE BACKPOST. HANDLES ARE WELDED ONTO THE BACK AT A HEIGHT OF APPROXIMATELY 37" ABOVE THE GROUND. EFFECTIVE BACK UPHOLSTERY HEIGHT IS 24.3" ABOVE THE SEAT RAILS. FOR CONVENTIONAL CHAIRS WITH PRS RECLINERS, SLING UPHOLSTERY WILL BE 24" HIGH. FOR TILT & PRS RECLINE, SLING UPHOLSTERY WILL BE 23" HIGH AND START 1" ABOVE SEAT RAILS (EXCEPT FOR 19" AND 20" SEAT HEIGHT CHAIRS). FOR H-FRAMES WITH PRS RECLINERS, SLING UPHOLSTERY WILL BE 22" HIGH. FOR SCBPRS RECLINERS, SLING UPHOLSTERY WILL BE 18" HIGH AND START 6" ABOVE SEAT RAILS. SHEET METAL PANS AND SOLID BACKS CAN BE INSTALLED AT ADDITIONAL COST. DIMENSIONS FOR SOLID AND SHEET METAL PAN BACKS ARE SIMILAR. PRICE INCLUDES SLING BACK UPHOLSTERY.
B4715T	STD TILT BH. STRAIGHT 94.5 DEG TILT OR STANDING SYSTEM BACKPOST HEIGHT. SPECIFY 18" OR 24". AVAILABLE FOR 21ST TILT SYSTEM CHAIRS, WITH OR WITHOUT A RECLINING BACK AND CHAIRS WITH A POWER STANDING SYSTEM. 18" OR 24" HIGH SLING BACK UPHOLSTERY ON CONVENTIONAL FRAME CHAIRS, 17" OR 23" HIGH SLING BACK UPHOLSTERY ON H-FRAME CHAIRS. BACK UPHOLSTERY MOUNTS ON FRONT OF BACKPOSTS. BACKPOSTS ARE STRAIGHT AND MEASURE 18.3 OR 24.3" FROM THE SEAT RAIL TO THE TOP OF BACKPOSTS, AND FORM AN ANGLE OF 94.5 DEGREES WITH THE SEAT RAIL. EFFECTIVE BACK UPHOLSTERY HEIGHT IS 18" OR 24" ABOVE THE SEAT RAILS. FOR CUSTOM TILT ANGLE, ORDER CTRBSA AT ADDITIONAL EXPENSE. HANDLES ARE WELDED ONTO THE BACKPOSTS AT A HEIGHT OF APPROXIMATELY 37" ABOVE THE GROUND. PRICE INCLUDES THE SLING BACK UPHOLSTERY. SHEET METAL PANS AND SOLID BACKS CAN BE INSTALLED AT ADDITIONAL COST.
B4716	CTRBH. CUSTOM TILT, RECLINE OR STANDING SYSTEM BACKPOST HEIGHT (SPECIFY HEIGHT: AVAILABLE ONLY FOR CHAIRS WITH 21ST TILT AND/OR RECLINE SYSTEMS. BACKPOSTS ARE FABRICATED TO THE HEIGHT YOU SPECIFY TO THE NEAREST INCH, FROM 12 TO 32 INCHES. FOR SOME SYSTEMS, BACK HEIGHTS OF LESS THAN 18" CANNOT BE FABRICATED. CONTACT FACTORY FOR MORE INFORMATION.
B4717	CTRSBA. CUSTOM TILT AND/OR RECLINE SYSTEM SEAT-TO-BACK ANGLE (SPECIFY ANGLE: SPECIFY THE ANGLE IN DEGREES. ALLOWS CUSTOMIZATION OF THE ANGLE BETWEEN THE SEAT AND THE BACK ON 21ST TILT SYSTEMS. 94.5 DEGREES IS STANDARD; ANY OTHER ANGLE REQUIRES THIS UPCHARGE. CTRBSA IS ONLY AVAILABLE FOR 21ST TILT SYSTEMS. PRICE DOES NOT INCLUDE CTRBH ABOVE.

## HEADRESTS

B4801	PHR. POWER HEADREST. POWER HEADREST MOVES UP AND FORWARD TO USE; RETRACTS BACK AND DOWN TO STORE. PRIMARILY FOR USE WITH POWER TILT AND/OR RECLINE SYSTEMS, BUT CAN ALSO BE
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Stk#	Note
B4802	ACPHR. ADJUSTABLE CENTER POST HEADREST (6" X 12.5" PAD) (E0955/E1028). ATTACHES TO MOUNT PLATE CENTERED BETWEEN BACKPOSTS. HEADREST ADJUSTS TO AND FRO AND CAN BE TILTED OVER A WIDE ARC BOTH VERTICALLY OR HORIZONTALLY. INCLUDES LARGE HEADREST PAD (ABOUT 6" HIGH X 12.5" WIDE) WITH 2" DEEP CURVE TO CRADLE BACK OF HEAD.
B4803	RHR. 10" HIGH REMOVABLE SLING HEADREST. SLING UPHOLSTERY HEADREST SLIPS INTO ENDS OF BACKPOSTS OF 21ST POWER TILT AND/OR RECLINE SYSTEMS. CAN ALSO BE USED ON 21ST CHAIRS WITH STRAIGHT BACKPOSTS. INCLUDES HEADREST SLING UPHOLSTERY AND POSTS. ALSO INCLUDES MODIFYING BACKPOSTS TO ACCOMMODATE HEADREST IF REQUIRED. SPECIFY UPHOLSTERY COLOR. FOR HEIGHTS OTHER THAN 10", ORDER CSHR.
B4804	CSHR. CUSTOM SIZE OR STYLE HEADREST FOR ACPHR OR RHR. ANY SIZE BUT STANDARD 6" HIGH X 12.5" WIDE WITH 2" DEEP CURVE FOR ACPHR. ANY SIZE BUT STANDARD 10" HIGH X BACKPOST WIDTH FOR RHR.

## FRONT RIGGING

BOUNDER CHAIRS DO NOT INCLUDE FRONT RIGGING. YOU MUST ORDER FRONT RIGGING SEPARATELY IF IT IS NEEDED.	
B5001	FR70. 70 DEG SWINGAWAY FOOTRESTS. FR70 FOOTRESTS COME WITH STANDARD SIZE #1 FOOTPLATES WITH HEEL LOOPS INSTALLED.
B5002	FR60. 60 DEG SWINGAWAY FOOTRESTS. FOR H-FRAMES: REQUIRED ON MOST SHORT BASE CHAIRS WITH 15" AND 16" SEAT DEPTHS ON 19" SEAT HEIGHT CHAIRS. REQUIRED ON MOST LONG BASE CHAIRS WITH 17", 18" OR 19" SEAT DEPTHS ON 19" SEAT HEIGHT CHAIRS. FOR CONVENTIONAL FRAMES: USUALLY NECESSARY FOR CASTER WHEEL CLEARANCE WHEN 9"X3.50" FRONT WHEELS ARE INSTALLED. FR60 FOOTRESTS COME WITH STANDARD SIZE #1 FOOTPLATES WITH HEEL LOOPS INSTALLED.
B5003	FR55. 55 DEG SWINGAWAY FOOTRESTS. FR55 FOOTRESTS COME WITH STANDARD SIZE #1 FOOTPLATES WITH HEEL LOOPS INSTALLED.
B5004	FR90. 90 DEG SWINGAWAY FOOTRESTS. MOST OFTEN USED ON CHAIRS FOR CHILDREN OR USERS WITH VERY SHORT LEGS. BOTTOM OF FOOTPLATE IS USUALLY ADJUSTED TO BE ABOVE THE CASTER WHEEL TIRE, BUT CFR (CUSTOM FRONT RIGGING) CAN BE ORDERED IF CUSTOM FEATURES ARE NEEDED. FR90 FOOTRESTS COME WITH STANDARD SIZE #1 FOOTPLATES WITH HEEL LOOPS INSTALLED. MAXIMUM DISTANCE FROM TOP FRONT OF SEAT RAIL TO TOP OF FOOTPLATE IS TYPICALLY 13" ON A 21" SEAT HEIGHT CHAIR.
B5005	LRL. LOW PROFILE ELEVATING LEGRESTS (E0990). LOW PIVOT AT SEAT LEVEL BELOW THE KNEE DESIGN. LEGRESTS COME WITH STANDARD SIZE #1 FOOTPLATES WITHOUT HEEL LOOPS. LRL WILL NOT ELEVATE COMPLETELY WITH DIPLR.
B5007	LRH. HIGH PROFILE (GOOSENECK) ELEVATING LEGRESTS (E0990). HIGH PIVOT (GOOSENECK) AT KNEE LEVEL DESIGN. COMPATIBLE WITH MOST POWER RECLINERS. LEGRESTS COME WITH STANDARD SIZE #1 FOOTPLATES WITHOUT HEEL LOOPS.
B50079	LRH90. 90 DEGREE HIGH PROFILE ELEVATING LEGRESTS. UTILIZES A LRH BRACKET AND A LRL HANGER. THIS ALLOWS THE USER TO GET HIS/HER FEET CLOSER TO THE CASTERS REDUCING THE OVERALL CHAIR LENGTH. NOTE: THE LEGRESTS MUST BE RAISED IN ORDER FOR THE CASTERS TO CLEAR THE LEGRESTS. THESE LEGRESTS FUNCTION BEST WHEN USED WITH DIPLR OR DIPLR HD.
B5008	DIPLR. DUAL INDEP PWR ELEV LEGREST MECHANISMS (ACTUATORS, SW BOX, LEGRESTS) (E1010). DIPLR DUAL INDEPENDENT POWER ELEVATING LEGREST MECHANISM INCLUDES TWO ACTUATORS, ONE ON EACH SIDE, THAT MOVE THE LEGRESTS SEPARATELY FOR INDEPENDENT OPERATION, OR TOGETHER FOR COMBINED OPERATION. INCLUDES 2 SWITCH CONTROL BOX. INCLUDES LRL OR LRH LEGRESTS. DIPLR IS OFTEN ORDERED AS PART OF A POWER RECLINE AND/OR TILT SYSTEM, BUT IT CAN BE ORDERED BY ITSELF. IF ORDERED WITH A POWER TILT, POWER RECLINE AND/OR POWER SEAT ELEVATOR SYSTEM, A 3 OR 4 SWITCH CONTROL BOX WILL BE SUPPLIED UNLESS THROUGH-THE-JOYSTICK CONTROL IS ORDERED (AT EXTRA COST).
B5014	RFR. REINFORCED FOOTRESTS (FOOTRESTS NOT INCLUDED). EXTRA TUBING AND GUSSET ADDED TO FOOTREST BRACKET. ALSO INCLUDES SOLID BAR STOCK IN LOWER FOOTREST EXTENSION.
B5016	RLR. REINFORCED ELEVATING LEGRESTS (LRL OR LRH NOT INCLUDED). SIMILAR TO RFR. PIVOT OF LEGREST BRACKET AND EXTENSION TUBE ARE ALSO REINFORCED. FOR LRL OR LRH ELEVATING LEGRESTS. PRICE DOES NOT INCLUDE LEGRESTS; ORDER LEGRESTS SEPARATELY.
B5018	OFFSET FR. OFFSET FRONT RIGGING (SPECIFY OFFSET). SPECIFY PORTION OF FOOTREST/LEGREST TO BE OFFSET. THE FOOTREST/LEGREST BRACKET OR EXTENSION MAY BE OFFSET EITHER INWARD OR OUTWARD. SPECIFY THE OFFSET TO THE NEAREST 1/2 INCH. PRICE DOES NOT INCLUDE FRONT RIGGING.
B5019	TAPER FR. TAPERED FRONT RIGGING (SPECIFY TAPER). SPECIFY TAPER TO NEAREST 1/2". ALSO SPECIFY TYPE OF TAPER: DOUBLE BEND OR STRAIGHT ANGLE. UP CHARGE; PRICE DOES NOT INCLUDE FRONT RIGGING.
B5023	QRL. QUAD RELEASE LEVERS. FRONT RIGGING RELEASE LEVERS EXTENDED TO OUTSIDE OF CHAIR.

# BOUNDER Plus CONVENTIONAL FRAME PWR WHEELCHAIR

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Stk#	Note	Stk#	Note
B5029	CUS SFPW. CUSTOM WELDED ON STEEL FOOTPLATES (SPECIFY SIZE)(ORDER HEELLOOPS SEPARATELY). STEEL FOOTPLATES WELDED TO FOOTRESTS/LEGREST EXTENSIONS. NOTE: THESE FOOTPLATES WILL NOT FLIP UP.	B5135	NARMS. CREDIT FOR NO ARMS. CREDIT IS FOR A PAIR OF ARMS AND INCLUDES THE ARMREST PAD CREDIT (NARP) LISTED BELOW.
B5032	WFBPB. 1-PIECE WOODEN FOOT BOARD, PAINTED. ONE-PIECE WOODEN FOOTBOARD ATTACHES TO LEFT FOOTPLATE AND OVERLAPS RIGHT EXTENSION. 6" FRONT TO BACK 3/8" THICK WOOD SIZED TO FIT WIDTH ACROSS FOOTPLATES. SPRAY PAINTED BLACK.	<b>ARMREST PADS</b>	
B5033	WFBU. 1-PIECE WOODEN FOOT BOARD, UPHOLSTERED W/ PAD. ONE-PIECE WOODEN FOOTBOARD ATTACHES TO LEFT FOOTPLATE AND OVERLAPS RIGHT EXTENSION. 6" FRONT TO BACK WITH 3/8" THICK WOOD 1" THICK FOAM AND UPHOLSTERY SIZED TO FIT WIDTH ACROSS FOOTPLATES.	B5141	STD ARMREST PADS. STD UPHOLSTERED ARMREST PADS. STD ARMREST PADS HAVE A BLACK PLASTIC BASE WITH NAUGAHYDE COVERED FOAM. NOT AVAILABLE IN FABRIC.
B5034	CFB. CUSTOM 1-PIECE FOOT BOARD. CAN BE FABRICATED FROM WOOD OR SHEET METAL.	B5142	WATERFALL ARP. WATERFALL ARMREST PADS. NAUGAHYDE ONLY. NOT AVAILABLE IN FABRIC. IF INSTALLED ON ARTICULATING OR SLIDING ARMS, THE WATERFALL ARMREST PAD WILL PREVENT THE UPPER ARM ASSEMBLY FROM FLIPPING UP TOTALLY OUT OF THE WAY FOR TRANSFERS.
B5041	FPHL. HEEL LOOPS. HEEL LOOPS ARE INSTALLED IN THE NORMAL POSITION ON THE FOOTPLATE UNLESS YOU ADVISE US OTHERWISE.	B5143	TROUGH ARP. TROUGH ARMREST PADS. AVAILABLE IN NAUGAHYDE OR FABRIC.
B5042	FPAS. ANKLE STRAPS. DUE TO THE WIDE RANGE OF FOOT SIZES, ANKLE STRAPS ARE NORMALLY NOT INSTALLED UNLESS YOU SPECIFY EXACTLY WHERE TO INSTALL THE STRAPS ON THE FOOTPLATES.	B5144	FLAT ARP. 3.5" WIDE FLAT ARMREST PADS. 3 1/2" WIDE FLAT PAD WITH FOAM. COVERED WITH NAUGAHYDE OR FABRIC.
B5043	FPTL. PAIR OF TOE LOOPS. DUE TO THE WIDE RANGE OF FOOT SIZES, TOE LOOPS ARE NORMALLY NOT INSTALLED UNLESS YOU SPECIFY EXACTLY WHERE TO INSTALL THE TOE LOOPS ON THE FOOTPLATES.	B5145	NARROW FLAT ARP. 2" WIDE NARROW FLAT ARMREST PADS. 2" WIDE FLAT PAD WITH FOAM. COVERED WITH NAUGAHYDE OR FABRIC.
B5047	CALF FLAT. FLAT CALF PADS. SPECIFY WIDTH AND HEIGHT TO NEAREST INCH.	B5147	NARP. CREDIT FOR NO ARMREST PADS. CREDIT IS FOR A PAIR.
<b>ARMS</b>		<b>WHEELCHAIR SEATS &amp; SEAT CUSHIONS</b>	
B5108	DL ART ARM. DESK LENGTH ARTICULATING ARMS. DESK LENGTH ARTICULATING ARMS MOVE BACK AND DOWN AS SEAT RECLINES. BOTTOM FRONT OF ARMS SNAP OUT OF RETAINER, ALLOWING ARMS TO BE PIVOTED UP AND FOLDED OUT OF THE WAY FOR TRANSFERRING. HEIGHT CAN BE ADJUSTED. DOES NOT INCLUDE ARM SIDE PANELS (MODESTY PANELS). HEIGHT ADJUSTMENT RANGE IS FROM APPROXIMATELY 10.5" MINIMUM TO 14.5" MAXIMUM ABOVE THE SEAT RAILS. CAN BE USED ON NON-RECLINING BACK CHAIRS ALSO.	B5203N	SD SEAT UPH NC. BOUNDER PLUS & BIG BOUNDER SUPER DUTY SCREW-ON SLING SEAT UPHOLSTERY N/C. STANDARD ON BOUNDER PLUS AND BIG BOUNDER CHAIRS AND GURNEYS. INCLUDES CAPS, DOUBLE LINER, WEB STRAPS. IT IS AVAILABLE IN BLACK, DARK BLUE, BURGUNDY AND DOVE GRAY. CUSTOM COLORS ARE ADDITIONAL.
B5109	FL ART ARM. FULL LENGTH ARTICULATING ARMS. FULL LENGTH ARTICULATING ARMS MOVE BACK AND DOWN AS BACK RECLINES. SIMILAR TO DESK LENGTH ARTICULATING ARMS ABOVE EXCEPT FULL LENGTH.	B5224	SS ADJ. SOLID SEAT WITH ADJUSTABLE BRACKETS. BRACKETS (J-HOOKS) ALLOW UP TO 3" RAISE OR DROP IN SEAT HEIGHT. SEAT CAN ALSO BE MOUNTED ON A TILT TO ACCOMMODATE SPECIAL HIP FLEXION REQUIREMENTS. SOLID SEAT WITH 1" THICK FOAM, AVAILABLE FOR 16" WIDE X 16" DEEP AND 18" WIDE X 16" DEEP CHAIRS. FOR OTHER SIZES OR FOAM THICKNESSES, ALSO ORDER CSSC.
B5110	DL SL ARM. DESK LENGTH SLIDING ARMS. DESK LENGTH SLIDING ARM GLIDES BACK AND DOWN UPON A FIXED LOWER ARM AS THE SEAT RECLINES. SLIDING ARM EASILY FLIPS UP AND OUT OF THE WAY FOR TRANSFERRING. STATIONARY LOWER ARMS ARE DETACHABLE, CAN BE ADJUSTED IN HEIGHT AND HAVE SIDE PANELS (MODESTY PANELS). DL SL ARM ARE NOT REVERSE MOUNTED. HEIGHT ADJUSTMENT RANGE IS FROM APPROXIMATELY 11" MINIMUM TO 16" MAXIMUM ABOVE THE SEAT RAILS. USUALLY INSTALLED ON RECLINERS ONLY.	B5231	SMP SEAT FLAT. FLAT POWDER COATED SHEET METAL PAN SEAT. INCLUDED AT NO ADDITIONAL CHARGE, IF DESIRED, ON ALL POWER 700/1000 AND MANUAL 1000 CHAIRS.
B5111	FL SL ARM. FULL LENGTH SLIDING ARMS. SIMILAR TO DESK LENGTH SLIDING ARMS ABOVE EXCEPT FULL LENGTH.	B5233	SMP DROP SEAT. FLAT POWDER COATED DROP SHEET METAL SEAT (SPECIFY 1" OR 2" DROP). INCLUDES MODIFICATIONS TO SEAT ASSEMBLY TO ALLOW FOR INSTALLATION OF DROP SEAT.
B5112	DL SS ADJ ARM. DESK LENGTH SELF-SUPPORTING ADJ ARMS. DESK LENGTH SELF-SUPPORTING ADJUSTABLE ARMS INCLUDE CLAMP ON BACKPOST MOUNTS AND BACKPOSTS WITH ANTI-ROTATION RIBS. BACKPOST CLAMPS INCLUDE ARM UP AND DOWN STOPS. NO ARM PANELS. THESE ARMS ARE VERY STRONG AND THEY MAKE TRANSFERS EASY. FOR USE WITH NON-RECLINING BACK CHAIRS. REQUIRES STRAIGHT BACKPOSTS USED IN CONJUNCTION WITH FRONT MOUNTED BACK UPHOLSTERY OR A SOLID BACK (TYPICALLY CS945BH, STD REC BH, OR STD TILT BH).	B5234	SMP DROP SEAT ADJ. FLAT POWDER COATED SHEET METAL PAN DROP SEAT WITH ADJUSTABLE BRACKETS. INCLUDES MODIFICATIONS TO SEAT ASSEMBLY TO ALLOW FOR INSTALLATION OF DROP SEAT.
B5112C	DL SS ADJ ARM CS. DESK LENGTH SELF-SUPPORTING ADJ ARMS FOR CAPTAIN'S SEAT. UPPER ARM TUBE IS LENGTHENED REARWARD 5" .	B5242	SMP SEAT CUSHION. UPHOLSTERED FOAM SEAT CUSHION (UP TO 3"-. SPECIFY FOAM THICKNESS: 1" TO 3" THICK. UPHOLSTERED FOAM CUSHION FOR USE WITH SMP SEAT FLAT. VELCRO IS ATTACHED TO SMP SEAT FLAT AND TO SMP SEAT CUSHION. CUSHION IS MADE THE SAME SIZE AS THE SHEET METAL PAN.
B5113	FL SS ADJ ARM. FULL LENGTH SELF-SUPPORTING ADJ ARMS. SIMILAR TO DESK LENGTH SELF-SUPPORTING ADJUSTABLE ARMS ABOVE EXCEPT FULL LENGTH.	B5262A	SPEC SEAT FOAM. SPECIAL SEAT FOAM UP TO 24" WIDE (PUDGE, SUNMATE, ETC.)(EACH 1/2" THICKNESS). UP CHARGE FOR EACH 1/2" THICKNESS OF SPECIAL FOAM. OFTEN 1/2" IS INSTALLED ON TOP OF THE 1" THICK STANDARD FOAM.
B5113C	FL SS ADJ ARM CS. FULL LENGTH SELF-SUPPORTING ADJ ARMS FOR CAPTAIN'S SEAT. UPPER ARM TUBE IS LENGTHENED REARWARD 5" .	<b>WHEELCHAIR BACKS &amp; BACK CUSHIONS</b>	
B5114	RECARO FU ARMS. RECARO FLIP UP ARMS (FOR RECARO SEATS ONLY). INCLUDES HAND CONTROL MOUNT BOLTED UNDER LEFT OR RIGHT RECARO ARM.	B5303N	SD BACK UPH NC. BOUNDER PLUS & BIG BOUNDER SUPER DUTY SCREW-ON SLING BACK UPHOLSTERY N/C. STANDARD ON BOUNDER PLUS AND BIG BOUNDER CHAIRS AND GURNEYS. INCLUDES CAPS, DOUBLE LINER, WEB STRAPS. IT IS AVAILABLE IN BLACK, DARK BLUE, BURGUNDY AND DOVE GRAY. CUSTOM COLORS ARE ADDITIONAL.
B5116	ONDA. OFFSET NON-DETACHABLE ARMS. ARMS ARE PERMANENTLY WELDED TO THE FRAME. PRICE IS FOR A PAIR.	B5324	FCWB ADJ. FOAM COVERED WOOD BACK WITH ADJUSTABLE BRACKETS, 1" THICK FOAM (UP TO 24" WIDE). BRACKETS (J-HOOKS) ALLOW BACK TO BE ADJUSTED UP TO 3" IN FRONT OR 3" BEHIND THE BACKPOSTS. THE BACK CAN ALSO BE TILTED RELATIVE TO THE FRAME. SOLID BACK WITH 1" THICK FOAM.
B5117	INDA. INLINE NON-DETACHABLE ARMS. THE FRONT OF THE ARMS ARE WELDED TO THE SEAT RAILS JUST IN FRONT OF THE SEAT UPHOLSTERY. THE REAR OF THE ARMS ARE WELDED TO THE BACKPOSTS. EFFECTIVE SEAT WIDTH IS THEREBY NARROWED BY ABOUT 2 INCHES, BUT THE OVERALL WIDTH OF THE CHAIR AT THE REAR TIRES IS NOT REDUCED. PRICE IS FOR A PAIR.	B5325	FCWB CURVED ADJ. FOAM COVERED CURVED WOOD BACK WITH ADJUSTABLE BRACKETS, 1" THICK FOAM. BRACKETS (J-HOOKS) ALLOW BACK TO BE ADJUSTED UP TO 3" IN FRONT OR 3" BEHIND THE BACKPOSTS. BACK CAN ALSO BE TILTED RELATIVE TO FRAME. SOLID BACK WITH 1" THICK FOAM.
B5131	RAT. REINFORCED ARM TIPS. ARM TIPS ARE SOLID STEEL INSTEAD OF TUBING. NO CHARGE WITH POWER 1000 AND MANUAL 1000 UPGRADE.	B5332	SMPB CURVED. CURVED POWDER COATED SHEET METAL PAN BACK. REQUIRES STRAIGHT BACKPOSTS (TYPICALLY CS945BH, STD REC BH OR STD TILT BH).
B5133	CAD. CUSTOM ARM DEPTH. CUSTOM ARM DEPTH IS CHARGED FOR ARM DEPTHS THAT ARE NOT ON INCH CENTERS OR DO NOT CORRESPOND TO THE CHAIR FRAME DEPTH.	B5342	SMP BACK CUSHION. UPHOLSTERED FOAM BACK CUSHION (UP TO 2"-. SPECIFY FOAM THICKNESS: 1" - 2" THICK. UPHOLSTERED FOAM CUSHION FOR USE WITH SMPB FLAT OR SMPB CURVED. VELCRO IS ATTACHED TO THE SEAT PAN AND TO SMP SEAT CUSHION. CUSHION IS MADE THE SAME SIZE AS THE SHEET METAL PAN.
B5134	CARMS. CUSTOM ARMS. LET US KNOW WHAT YOU NEED. BE SURE TO GET A QUOTE!	B5362A	SPEC BACK FOAM. SPECIAL BACK FOAM UP TO 24" WIDE (PUDGE, SUNMATE, ETC.)(EACH 1/2" THICKNESS). UP CHARGE FOR EACH 1/2" THICKNESS OF SPECIAL FOAM. OFTEN 1/2" IS INSTALLED IN FRONT OF THE 1" THICK STANDARD FOAM.
		<b>UPHOLSTERY COLOR</b>	
		IF FABRIC UPHOLSTERY IS ORDERED BLACK NAUGAHYDE CALF PADS AND/OR ARMREST PADS WILL BE SUPPLIED UNLESS CALF FLAT, CALF TROUGH, CALF CUSTOM, TROUGH ARP, FLAT ARP, NARROW FLAT ARP, OR CARP ARE ORDERED.	
		B5411 BLACK SOFLEECE 3. SOFLEECE 3 FABRIC UPHOLSTERY (FOR USE ON CUSHIONS, SOLID SEATS & BACKS ONLY). BLACK NAUGAHYDE ARMREST AND/OR CALF PADS WILL BE SUPPLIED.	

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Stk# Note

## CONTROL BOXES & REMOTE DISPLAY

- B6011 RD. REMOTE DISPLAY SEPARATE FROM JOYSTICK & SWITCHES. FOR USE WITH CHIN AND SPECIALTY CONTROLS, OR DRIVERS WITH IMPAIRED VISION. INCLUDES GOOSENECK MOUNT.
- B6012 CB KEY LOCK. ADD KEY SWITCH AT FRONT OF HAND CONTROL. INCLUDES 2 KEYS.
- B6039 CB JRP. JOYSTICK RETENTION PLATE. IDEAL FOR USERS WITH SPASTICITY OR ARE OTHERWISE HARD ON THEIR JOYSTICKS.
- B6041 CUS CB. CUSTOM HAND, FOOT, HEAD OR CHIN CONTROL. WE CAN FABRICATE MANY DIFFERENT TYPES OF CUSTOM HAND, FOOT, HEAD OR CHIN CONTROLS TO MEET YOUR SPECIFIC NEEDS. CONTACT THE FACTORY FOR MORE INFORMATION.

## HAND & CHIN CONTROL MOUNTS & EXTENSIONS

- B6111 STD HC MOUNT. STANDARD HAND CONTROL MOUNT. STANDARD HAND CONTROL MOUNT IS NOW THE SAME AS THE OLD CLOSE IN MOUNT. NEW IMPROVED DESIGN.
- B6115 SA EXT. SWINGAWAY HAND CONTROL EXTENSION SLIDE (E1028). VERY STURDY. SWINGS OUT TO SIDE AND BACK.
- B6116 MIDLINE HC EXT. MIDLINE HAND CONTROL EXTENSION SLIDE. SWINGS UP TO SIDE. SPECIFY LEFT OR RIGHT MOUNT.
- B6121 CC MOUNT. CHIN CONTROL MOUNT. MOUNTS ON BACKPOST TUBING ON EITHER SIDE. FULLY ADJUSTABLE WITH SWING TO SIDE FEATURE.
- B6122 POWER CC MOUNT. POWER CHIN CONTROL MOUNT. INSTALL POWER CHIN CONTROL MOUNT INSTEAD OF STANDARD HAND CONTROL MOUNT. SPECIFY LEFT OR RIGHT MOUNT. ACTUATOR SWINGS CHIN CONTROL AND BOOM TO SIDE ABOUT 90 DEGREES WHEN CONTROL SWITCH IS OPERATED. BI-DIRECTIONAL MOMENTARY TOGGLE SWITCH CONTROL IS STANDARD. SWITCH CAN BE MOUNTED ANYWHERE CONVENIENT TO USER OR ATTENDANT. OTHER CUSTOM CONTROL SWITCHES AND METHODS OF CONTROL ARE POSSIBLE. LEFT AND RIGHT HAND MODELS AVAILABLE. CONTACT THE FACTORY FOR ADDITIONAL INFORMATION.
- B6131 CC BIB MOUNT. CHIN CONTROL BIB MOUNT. SPECIFY HARD OR SOFT BIB COLAR. DOES NOT INCLUDE CHIN CUP.
- B6172 CUS EXT SLIDE. CUSTOM EXTENSION SLIDE. CLOSE IN, STRAIGHT, CUSTOM HEIGHT, ETC. TELL US WHAT YOU NEED.

## DRIVE MODULES

### UE1GT PREMIUM 6-PROGRAM WHEELCHAIR ELECTRONICS & OPTIONS

- B6298C UE1GT PS OVERRIDE. UE1GT POWER SEATING SYSTEM OVERRIDE SWITCH (SPECIFY SEATING SYSTEM). TYPICALLY THE OVERRIDE SWITCH IS PLACED AT THE REAR OF THE ARM SO THAT THE USER CAN CONTROL THE RECLINE OR TILT SYSTEM WHEN IT IS FULLY TILTED OR RECLINED. PREVENTS USER FROM GETTING STUCK IN THE FULLY TILTED OR RECLINED POSITION. INCLUDES SWITCH AND RELAY BOX. SPECIFY WHICH POWER SEATING SYSTEM TO CONTROL.

## DX PROGRAMMABLE ELECTRONICS

CONTACT FACTORY FOR AVAILABILITY AND PRICING.

### ASL (ADAPTIVE SWITCH LABS) WHEELCHAIR CONTROL SYSTEMS

### PG DRIVES PROGRAMMABLE ELECTRONICS

## DRIVE MODULE MOUNTS

- B6703 BACK MOUNT. DRIVE MODULE MOUNTED ON BACK OF CHAIR. DRIVE MODULE MOUNTED VERTICALLY ON BACK OF CHAIR.
- B6704 USM. DRIVE MODULE MOUNTED UNDER WHEELCHAIR SEAT. DRIVE MODULE MOUNTED VERTICALLY UNDER SEAT BETWEEN MOTORS AND BATTERY BOX, OR HORIZONTALLY UNDER SEAT PAN. SOMETIMES, ALTERNATE LOCATIONS ARE NECESSARY, DEPENDING UPON THE EXACT CHAIR CONFIGURATION.

## RESPIRATOR & OXYGEN BOTTLE MOUNTS

- B6801 RESP SHELF. FIXED POSITION RESPIRATOR SHELF. VERY STURDY SHEET METAL SHELF IS WELDED IN PLACE ON BACKPOST TUBING, USUALLY JUST BELOW PUSH HANDLES. APPROXIMATELY 20" WIDE X 10" DEEP. CUSTOM SIZES AVAILABLE. PUSH HANDLES SOMETIMES FLARED FOR CLEARANCE ON NARROW CHAIRS. CONTACT FACTORY FOR MORE INFORMATION.
- B6803 RESP GIMBAL SHELF. GIMBAL MOUNTED RESPIRATOR SHELF. FOR CHAIRS WITH TILT AND RECLINE THAT REQUIRE THAT RESPIRATOR BE KEPT APPROXIMATELY LEVEL WITH GROUND.
- B6811 RESP BBOX U1. SINGLE U1 BATTERY BOX MOUNTED ON SHELF (SPECIFY LOCATION; FOR RESPIRATORS). SHELF USUALLY LOCATED UNDER SEAT NEAR FRONT OF CHAIR. REMOVABLE U1 BATTERY BOX IS HELD ON TRAY WITH A STRAP. ALTERNATE LOCATIONS SUCH AS ON THE SHELF NEXT TO OR BELOW THE RESPIRATOR ARE ALSO AVAILABLE. CONTACT FACTORY FOR MORE INFORMATION.

## MOTORS & BRAKES

- B7003N ST3M&B NC. BOUNDER PLUS & BIG BOUNDER SUPER TORQUE 3 MOTORS & BRAKES N/C. NO CHARGE ON BOUNDER PLUS AND BIG BOUNDER. ST3M&B ADD ADDITIONAL TORQUE, INCREASED SPEED AND GREATER RANGE COMPARED TO STD ST1M&B MOTORS. STRONGLY RECOMMENDED FOR USERS WHO OPERATE IN HILLS, ON ROUGH TERRAIN OR WHO WEIGH OVER 250 LBS. ST3M&B ARE REQUIRED FOR ALL CHAIRS USING SPECIALTY CONTROLS WITH DX ELECTRONICS (NOTE THAT THE SPEED OF THE CHAIR MUST BE LIMITED TO ABOUT 5 OR 6 MPH, AND OFTEN MUCH LESS). ST3M&B CAN ALSO BE USED WITH PROPORTIONALLY CONTROLLED (HAND OR CHIN CONTROLLED) DX ELECTRONICS, BUT THE SPEED OF THE

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CHAIR MUST BE LIMITED TO ABOUT 6 OR 7 MPH.

- B7007 ST4M&B-M. SUPER TORQUE 4 MOTORS & BRAKES, MEDIUM SPEED. NO CHARGE WITH POWER 1000 OR HVL P OR. USED PRIMARILY ON CHAIRS EQUIPPED WITH THE HVL P OR OR BARIATRIC PATIENTS OVER 700 LB. CAN ALSO BE USED FOR PATIENTS THAT WANT A DURABLE, BUT SLOWER CHAIR WITH EXTRA TORQUE AND LONGER RUN TIME PER CHARGE.

## DRIVE WHEEL OPTIONS

- B7051 DW 20M. 20"X2.125" BLACK METAL DRIVE WHEELS. FOR USE ONLY ON CONVENTIONAL (TUBULAR) FRAME CHAIRS AND GURNEYS. AVAILABLE WITH 12" OR 14" DIAMETER PULLEYS AND SPROCKETS.
- B7052 DW 16M. 16"X2.125" BLACK METAL DRIVE WHEELS. AVAILABLE WITH 11" AND 12" DIAMETER PULLEYS AND SPROCKETS. STANDARD ON BOUNDER C-FRAME CHAIRS. REQUIRED FOR SOME CHAIRS THAT HAVE SWOW OR SWOW NARROW FRAME TYPES. 16" REAR WHEELS WITH 11" REAR WHEEL PULLEYS PROVIDE ABOUT 10% MORE TORQUE THAN 20" REAR WHEELS WITH 12" REAR WHEEL PULLEYS, BUT THE TOP SPEED IS REDUCED BY ABOUT 10%. 16" REAR WHEELS WITH 12" REAR WHEEL PULLEYS HAVE ABOUT 20% MORE TORQUE THAN 20" REAR WHEELS WITH 12" PULLEYS, BUT THE TOP SPEED IS REDUCED BY ABOUT 17%.

## DRIVE WHEEL TIRE & TUBE OPTIONS

### V-BELT DRIVES

V-BELT DRIVE IS THE STANDARD DRIVE ON CONVENTIONAL (TUBE) POWER FRAMES. IT IS ECONOMICAL AND EASY TO MAINTAIN. FOR OPERATION IN RAIN AND SNOW, PANTHER DRIVE AND CHAIN DRIVE ARE RECOMMENDED. V-BELT DRIVE NOT AVAILABLE ON H-FRAMES.

- B7102 FSV. FACTORY SELECT BEST V-BELT DRIVE. FACTORY SELECTS THE BEST V-BELT DRIVE CONFIGURATION BASED UPON THE CHAIR CONFIGURATION AND CUSTOMER DATA
- B7111 V32. 3.20" OD MOTOR V-PULLEYS. FOR USE WITH ST3M&B
- B7112 V30. 3.00" OD MOTOR V-PULLEYS. FOR USE WITH ST3M&B
- B7113 V28. 2.80" OD MOTOR V-PULLEYS. FOR USE WITH ST3M&B
- B7114 V25. 2.50" OD MOTOR V-PULLEYS. FOR USE WITH ST3M&B. USE WITH ST1M&B IS POSSIBLE IF USER WEIGHT IS 150 LBS OR LESS, AND NO POWER SEATING SYSTEMS ARE INSTALLED (OR USER WEIGHT IS UNDER 120 LBS AND ONE POWER SEATING SYSTEM IS INSTALLED).
- B7115 V22. 2.20" OD MOTOR V-PULLEYS. FOR USE WITH ST1M&B OR ST3M&B
- B7116 V20. 2.00" OD MOTOR V-PULLEYS. FOR USE WITH ST1M&B OR ST3M&B
- B7133 V110. 11" DRIVE WHEEL V-PULLEYS. UNDERSIZED 11" PULLEYS ON 16" DRIVE WHEELS (GENERALLY NOT RECOMMENDED) PROVIDE ABOUT 10% MORE SPEED THAN 12" PULLEYS, BUT TORQUE IS REDUCED BY ABOUT 10%.
- B7134 V120. 12" DRIVE WHEEL V-PULLEYS. 12" PULLEYS ARE STANDARD ON 16" DRIVE WHEELS. UNDERSIZED OPTION ON 20" DRIVE WHEELS. UNDERSIZED 12" PULLEYS ON 20" DRIVE WHEELS (GENERALLY NOT RECOMMENDED) PROVIDE ABOUT 17% MORE SPEED THAN 14" PULLEYS, BUT TORQUE IS REDUCED BY ABOUT 17%.

## CHAIN DRIVES (available on custom basis; contact factory for pricing)

CHAIN DRIVE INSTALLATION IS AVAILABLE ON A CUSTOM BASIS FOR USE ON H-FRAMES CHAIRS AS WELL AS CONVENTIONAL (TUBULAR) FRAME POWER CHAIRS AND GURNEYS WITH ST3M&B. THEY ARE LESS FREQUENTLY USED WITH ST1M&B. A FEW USERS PREFER CHAINS TO V-BELTS AND PANTHER DRIVES, BUT MOST FIND CHAINS ARE TOO NOISY. CONTACT FACTORY FOR AVAILABILITY.

## PANTHER DRIVES (Slower speeds can be programmed through the electronics)

- B7351 PANTHER DRIVE. PANTHER DRIVE. PANTHER DRIVE INCLUDES ONE SET OF MOTOR AND ONE SET OF DRIVE WHEEL SPROCKETS. INCLUDED AT NO CHARGE ON ALL H-FRAMES.
- B7373 P112. 112 TOOTH DRIVE WHEEL PANTHER SPROCKETS. 11.2" PD PANTHER SPROCKET FOR USE WITH 16" X 2.125" METAL DRIVE WHEELS
- B7374 P144. 144 TOOTH DRIVE WHEEL PANTHER SPROCKETS. 14.4" PD PANTHER SPROCKET FOR USE WITH 20" X 2.125" METAL DRIVE WHEELS

## CASTER WHEEL & FORK OPTIONS

### CASTER TIRE & TUBE OPTIONS

### VEHICLE TIEDOWNS

- B7602 TD DSI. WELD IN DRIVING SYSTEMS TIEDOWN BAR. DSI TIEDOWN BAR IS WELDED INTO THE WHEELCHAIR FRAME DURING CONSTRUCTION.
- B7603 EZ LOCK TD. INSTALL EZ LOCK TIEDOWN CROSSBAR AND BOLT ONTO CHAIR. SPECIFY HEIGHT OF TIEDOWN CROSSBAR FROM FLOOR TO BOTTOM OF BAR. SPECIFY DISTANCE FROM CENTER OF DRIVE WHEEL AXLE TO CENTER OF TIEDOWN BOLT.

## BATTERY BOXES

- B7702 BBOXD27 THIN. THIN DUAL GROUP 27 SLIDING BATT BOX. REQUIRED FOR MOST RECLINING BACK CHAIRS. THIN PATTERN BATTERY BOX HAS SLIDES MOUNTED ON SIDES OF BATTERY PAN INSTEAD OF UNDERNEATH IT. THIS SAVES ABOUT 1" IN VERTICAL HEIGHT, THEREBY GAINING 1" EXTRA GROUND CLEARANCE. TYPICAL GROUND CLEARANCE WITH THIN PROFILE BATTERY BOX IS 5" FOR STANDARD SEAT HEIGHT NON-RECLINING BACK CHAIR, AND ABOUT 3" FOR STANDARD SEAT HEIGHT RECLINING BACK CHAIRS.

# BOUNDER Plus CONVENTIONAL FRAME PWR WHEELCHAIR

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Stk#	Note
B7713	BBOXD24. DUAL GROUP 24 SLIDING BATTERY BOX. REQUIRED FOR H-FRAMES USING THE NARROW 23.5" WIDE BASE AND SOME CHAIRS WITH SUSPENSION. NO CHARGE WHEN NARROW BASE OR SUSPENSION IS ORDERED. ALSO REQUIRED FOR 14" WIDE CONVENTIONAL FRAME CHAIRS

## BATTERIES

### BATTERY CHARGERS

LESTER DEEP CYCLE DUAL MODE CHARGERS CHARGE GEL-CELL AND CONVENTIONAL LEAD-ACID BATTERIES. USES INDUSTRY STANDARD XLR 3 PIN CONNECTOR. 8 AMP CHARGERS INCLUDE AN AMMETER. 12 AMP CHARGERS DO NOT HAVE AN AMMETER.

B7904	BCDM12. DUAL MODE 12A LESTER AUTO CHARGER. TYPICALLY NEEDED ONLY BY USERS WHO CANNOT CHARGE AT LEAST 8 HOURS PER NIGHT. NOT FOR USE WITH DX OR PG DRIVES ELECTRONICS.
B7908	BCDM12W. DUAL MODE 12A LESTER WORLD-WIDE AUTO CHARGER. SIMILAR TO STD BCDM12 EXCEPT INCLUDES A 110-220V SELECTION SWITCH. CAN BE USED IN MOST FOREIGN COUNTRIES. ADAPTER PLUGS (NOT INCLUDED) MAY BE NEEDED IN SOME LOCATIONS
B7911	NBC. CREDIT FOR NO BATTERY CHARGER. CREDIT APPLIES TO POWER WHEELCHAIRS AND GURNEYS ONLY! CREDIT NOT AVAILABLE FOR MANUAL CHAIRS OR MANUAL GURNEYS.

## ACCESSORIES

B8002	LP T1BB. SAFETY ILLUMINATION PACKAGE W/ TAILLIGHTS BUILT INTO BATTERY BOX COVER. FOR MOST NEW BOUNDER CHAIR. SAME AS LP EXCEPT THE TAILLIGHTS ARE BUILT INTO THE BATTERY BOX COVER INSTEAD OF A SEPARATE TAILLIGHT CHASSIS. KITS TO CONTROL THIS LIGHTING PACKAGE BY AN ECU SYSTEM ARE AVAILABLE AT ADDITIONAL COST. CONTACT THE FACTORY FOR MORE INFORMATION.
B8003	LP NO TL. SAFETY ILLUMINATION PACKAGE W/O TAILLIGHTS. FOR USE WITH ALL H FRAMES (TAILLIGHT IS ALREADY INCLUDED) AS WELL AS CHAIRS WHERE NO TAILLIGHTS ARE DESIRED. SPECIFY LEFT, RIGHT OR CENTER HEADLAMP MOUNT, OR IT WILL BE MOUNTED IN THE CENTER. KITS FOR CONTROL THIS LIGHTING PACKAGE BY AN ECU SYSTEM ARE AVAILABLE AT ADDITIONAL COST. CONTACT THE FACTORY FOR MORE INFORMATION.
B8007	HL2. 2ND HEADLAMP. CURRENT DRAW FOR COMPLETE TWO HEADLAMP SYSTEM: 3.80A @ 24V.
B8021	HORN. 24V SAFETY AUDIO ALERT. THIS 24V HORN IS LOUD! THE CONTROL SWITCH (HORN BUTTON) CAN BE MOUNTED ON THE WHEELCHAIR TUBING AT ANY CONVENIENT LOCATION. COMPATIBLE WITH MOST 24V POWER WHEELCHAIRS. ONE YEAR WARRANTY INCLUDED. TOGGLE SWITCH TYPE HORN BUTTON WILL BE SUPPLIED UNLESS YOU SPECIFICALLY REQUEST A PUSH-BUTTON SWITCH.
B8032	LB2. ELECTRIC LEG BAG EMPTIER 2. ELECTRIC LEG BAG EMPTIER 2 ALLOWS THE USER TO DRAIN HIS/HER LEG BAG WITHOUT ASSISTANCE. THIS ENCOURAGES INCREASED FLUID INTAKE, WHICH CAN REDUCE THE LIKELIHOOD OF URINARY TRACT INFECTION. THIS PACKAGE INCLUDES A 24V ELECTRIC PINCH VALVE WITH MANUAL RELEASE TAB THAT IS USUALLY STRAPPED AROUND THE USER'S ANKLE, THOUGH IT CAN BE MOUNTED ON A FOOTPLATE. A DRAIN TUBE EXTENSION THAT IS ATTACHED TO THE LEG BAG DRAIN TUBE IS PINCHED BY THE VALVE. THE LB2 VALVE DOES NOT REQUIRE INTERNAL CLEANING. THE SYSTEM INCLUDES A MOMENTARY TOGGLE SWITCH THAT CAN BE MOUNTED ANYWHERE ON THE WHEELCHAIR TUBING, AND A FUSED BATTERY CABLE. THE SWITCH AND VALVE INCLUDE QUICK DISCONNECT ANDERSON CONNECTORS SO THAT THE WHEELCHAIR FRONT RIGGING AND ARMS CAN BE REMOVED FOR TRANSFER AFTER THE SYSTEM IS INSTALLED. THE LEG BAG DRAIN TUBE EASILY THREADS THROUGH THE PINCH VALVE. LEG BAG AND FRONT RIGGING ARE NOT INCLUDED. KITS FOR CONTROLLING ELECTRIC LEG BAG EMPTIERS BY AN ECU SYSTEM ARE AVAILABLE AT ADDITIONAL COST. PRICE INCLUDES 6 MONTH WARRANTY. CONTACT THE FACTORY FOR MORE INFORMATION.
B8041	FAN. FAN WITH ON-OFF CONTROL. THE PERSONAL FAN CAN BE USED WITH MOST POWER WHEELCHAIRS AND GURNEYS. QUIET TWO SPEED FAN PROVIDES A GENTLY COOLING 45 CFM FLOW (ON HIGH). MOUNTS ON FRONT LOWER ARM OF WHEELCHAIR OR WHEREVER CONVENIENT FOR THE USER. THE KIT INCLUDES A FUSED POWER CABLE AND A TOGGLE SWITCH THAT CLAMPS ON ROUND TUBING. CURRENT DRAW: 0.11A @ 24V IN HIGH. 38.1 DBA. THE FAN SPEED IS ADJUSTABLE BY MEANS OF A HI-OFF-LO TOGGLE SWITCH. GREAT FOR THOSE HOT SUMMER DAYS; A MEDICAL NECESSITY IF VASO-CONSTRICTION AND VASO-DILATION OF YOUR PERIPHERAL VASCULAR SYSTEM IS COMPROMISED.
B8045	SSAI. SPECIALTY SWITCH ACCESSORY INTERFACE. THIS ITEM ALLOWS A LOW-CURRENT SPECIALTY SWITCH TO BE PLUGGED INTO AN 1/8" PHONO PLUG TO OPERATE AN ACCESSORY (E.G., LIGHTS, HORN ETC.) SWITCH NOT INCLUDED. MOST NORMALLY OPEN MOMENTARY SWITCHES CAN BE USED WITH THIS SYSTEM.
B8046	24/12PC. 24V TO 12V POWER CONVERTER (5A MAXIMUM LOAD). CONVERTS 24 VOLTS TO 12 VOLTS, PROVIDING UP TO 5 AMPS OF POWER. THIS ALLOWS SOME 12 VOLT ACCESSORIES TO BE INSTALLED ON THE WHEELCHAIR.
B8091	MIRROR. REAR VIEW MIRROR. THIS DETACHABLE REAR VIEW MIRROR HAS A WIDE ANGLE CONVEX HEAD THAT ALLOWS USERS TO SEE TO THE REAR WITHOUT TURNING THEIR HEAD. IT INCREASES SAFETY IN TRAFFIC AND IS ALSO HANDY WHEN BACKING INTO OR OUT OF ELEVATORS. THE MIRROR COMES WITH MOUNTING BRACKET, TELESCOPING SUPPORT MAST AND A QUICK DETACH BRACKET.

## SEAT POSITIONING STRAPS (Do not use as seat belts in vehicles)

CAUTION! DO NOT USE AS SEAT BELTS OR RESTRAINTS IN LICENSED VEHICLES. POSITIONING STRAPS ARE TO BE USED ONLY FOR HOLDING USER IN POSITION WHILE DRIVING THE WHEELCHAIR. FOR WHEELCHAIRS, INDICATE WHETHER LAP OR CHEST MOUNT. FOR GURNEYS, INDICATE DISTANCE TO MOUNT STRAPS FROM FRONT OR REAR OF MATTRESS PAN, LENGTH OF STRAP, AND WHAT PART OF BODY STRAP IS TO GO AROUND.

B8211	PS CUS S. CUSTOM SEAT MOUNT POSITIONING STRAP (SPECIFY BUCKLE TYPE AND LENGTH). REQUIRED FOR ANY POSITIONING STRAP THAT IS NOT 60" LONG. SPECIFY BUCKLE TYPE AND LENGTH.
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<b>CHEST POSITIONING STRAPS (Do not use as seat belts in vehicles)</b> <b>WARRANTIES AND SPECIAL SERVICE OPTIONS</b>	

## STANDARD WARRANTIES

B9021	BP CF PWC WAR. BOUNDER PLUS CONVENTIONAL FRAME POWER WHEELCHAIR STANDARD WARRANTY. TWO YEAR WARRANTY ON ENTIRE BOUNDER PLUS POWER WHEELCHAIR. FIVE YEAR STANDARD (TUBULAR) FRAME WARRANTY. FIVE YEAR SUPER TORQUE 3 MOTOR AND BRAKE DRIVE TRAIN WARRANTY (INCLUDES MOTORS, BRAKES, DRIVE WHEELS AND DRIVE WHEEL PULLEYS/SPROCKETS, BUT EXCLUDES DRIVE BELTS, TIRES, MOTOR PULLEYS/SPROCKETS, INNER TUBES AND BEARINGS). THIS IS A LIMITED WARRANTY AND SOME RESTRICTIONS APPLY.
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## EXTENDED WARRANTIES

### SPECIAL SERVICE OPTIONS

B9301	EBO. EMERGENCY BUILD ORDER. BUILD AND SHIP CHAIR AS FAST AS POSSIBLE. CONTACT FACTORY FOR DELIVERY AND UP CHARGE.
B9302	EEC. ENGINEERING AND EVALUATION CHARGE. CHARGE FOR ENGINEERING AND EVALUATING VERY INVOLVED CUSTOM CHAIRS. CONTACT FACTORY FOR PRICING.