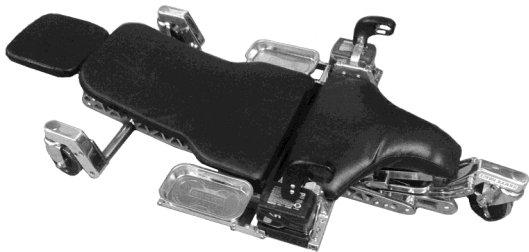




PERSONAL POSITIONING TECHNOLOGIES



2022 FULL LINE CATALOG

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Other Literature available from PPT:

- ⇒ Personal Positioning White Paper
- ⇒ Personal Positioning Case Studies
- ⇒ Ergonomic Basics of Personal Positioning
- ⇒ Disability Management
- ⇒ Vocational Rehabilitation
- ⇒ Product Literature—English, Portuguese, Polish
- ⇒ Operators Manuals and More
- ⇒ Price List

Visit www.humanhoist.com/downloads or

www.personalpositioningtechnologies.com/downloads

THE HUMAN HOIST STORY

The year was 1984, cousins and inventors Eric Brittingham and Kevin Ferguson were disassembling Kevin's Olds Cutlass for painting. Being Kevin's car, he handled all the work beneath the car, rolling on the floor between trips to the toolbox. The next morning, Kevin was bruised and sore, despite being a strapping 18 year old. He asked Eric "how do old guys do this day in and day out?" The idea for a chair that converts to a creeper and back is born.

After a tinkering with a few ideas, the project is shelved; the cousins moved on to jobs, families, and adult life. The project came up a few times but never moved forward until 2011 when Eric noticed his co-workers, body and paint men, were suffering from the wear and tear of working on vehicles every day. The cousins decided that the chair/creeper was the best idea they'd ever had, and that they needed to make it into a product.

A prototype was constructed, and was featured on Invention USA, a program on The History Channel. Following the airing of the show and the resultant promotion, Eric and Kevin set about finding a manufacturer for their product. Their search eventually led to a small shop in Michigan, and Human Hoist LLC was formed.

After building the first dozen units, the decision was made to take investors. With their help, the newly formed Personal Positioning Technologies LLC has grown the innovative product line and continues to build on the Human Hoist legacy.

POWER SHOP STOOL

Personal Positioning is excited to launch the first all-new product since the Human Hoist, the all new Power Shop Stool! Designed to fill the need for an entry-level positioning device, the Power Shop Stool moves effortlessly between less than 5 to over 25 inches off the ground, with infinite adjustment in between. That means you're always perfectly positioned when working around a job or project down low. Powered by a proven Milwaukee M18 battery, your Power Shop Stool will give you years of dependable service, while saving your back, knees, shoulders, hips... you'll complete your work and still be ready for life long after you've clocked out!



With a footprint not much larger than an average seated human, the Power Shop Stool fits well in busy work areas. Smooth rolling precision bearing casters roll effortlessly and make it easy to be in just-the-right position. The durable metal seat is covered with black vinyl for comfort and easy cleaning.



PSS SPECIFICATIONS

PHYSICAL

Weight: 70 lb/32 kg
 Shipping Weight: 100 lb/45 kg
 Lowest Seat height: 5"/13 cm
 Highest Seat height: 25" (635mm)
 Ground Clearance: 5/8" (16mm)
 Battery Type: 1- Milwaukee M18 battery, incl
 Battery Voltage: 18VDC
 Battery Capacity: 8 AH
 Charger: 18 VDC Charger, included
 Casters: 4 - 3" (75mm) precision ball casters

PERFORMANCE

Battery Life: 50 lift cycles per charge
 Capacity: 300lb (136kg)
 Speed: 6 seconds up or down

SAFETY

Controls: Two-hand controls
 Actuation: Single speed pushbutton
 Charge Condition: Battery Charge indicator



STANDARD FEATURE

Tool Tray: Expanding Left Side tool tray include
WARRANTY
 One year caster-to-caster

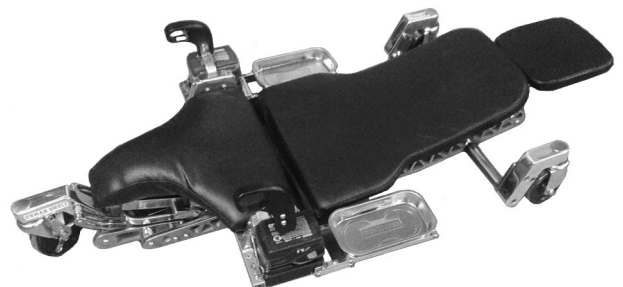


- In the box:
- 1—Power Shop Stool
 - 1—Battery
 - 1—Battery Charger

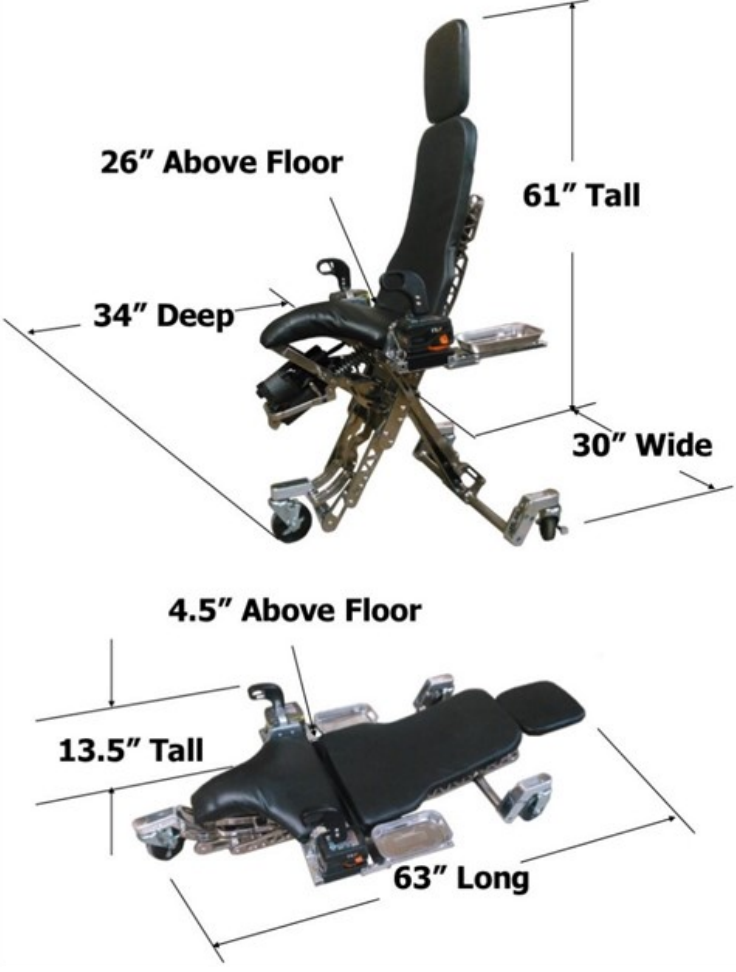
POWER SHOP CHAIR



This is our Flagship product, where it all started. The Human Hoist Power Shop Chair. Constructed of 304 Stainless Steel and Aircraft Aluminum, Human Hoist is the gold standard of work chairs and creepers. With fully adjustable head and backrests, you can be sure to find a comfortable, well supported position for almost any task under or around your work. Articulated by a mil-spec electro-hydraulic actuator, Human Hoist powers down to 4" off the ground then back up to a tall 26" tall seat that makes it easy to stand. Powered by the included rechargeable batteries, you'll always have power no matter how tough your workload.



PSC SPECIFICATIONS

<p>PHYSICAL Weight: 170lb/77kg Shipping Weight: 260lb / 118kg Lowest Seat Travel: 4.5in/11cm Highest Seat Travel: 26in/66cm</p> <p>MECHANICAL 304 Stainless Steel Frame Batteries: 2 Voltage: 28VDC Capacity, ea: 76 Wh Charger: 110 volt 60 hz Casters: Standard 5" Front (1) 4" Rear (2)</p> <p>PERFORMANCE Capacity: 300 lb/ 136 kg Full Cycles per charge: 1 Battery: 100 2 Batteries: 200 Cycle Time: Up: 4 seconds Down: 4 seconds Battery Charge Time: 1 hour</p>	 <p>26" Above Floor 61" Tall 34" Deep 30" Wide</p> <p>4.5" Above Floor 13.5" Tall 63" Long</p>
<p>SAFETY Variable Speed Control Two-Hand Control Double Backrest Supports Battery Charge Indicators</p>	<p>ERGONOMIC FEATURES 8 position backrest 5 position headrest Large Handle Grips Easy Rolling Precision Bearing Casters</p>
<p>WARRANTY 1 year Caster to Caster Warranty 5 year Frame Warranty</p>	<p>STANDARD EQUIPMENT 2 – 28VDC Batteries 1 – 110V 60 hz Charger Magnetic Tool Trays (2)</p>
<p>OPTIONS Larger Caster Packages Fire Resistant Seat Cover Larger Tool Trays Backrest stops</p>	<p>HUMAN HOIST® Human Hoist is a product of Personal Positioning Technologies LLC™ Human Hoist is Patented under US Patent 8777237 Human Hoist is a registered Trademark in the United States Human Hoist is Proudly Manufactured in Bay City, Michigan, USA</p>

- In the box:
- 1—Power Shop Chair
 - 2—Batteries
 - 1—Battery Charger

MOBILE SHOP CHAIR



The progression of the Power Shop Chair development has led to the most versatile chair ever created, the Human Hoist Mobile Shop Chair. We've taken the Proven Human Hoist and made it drive! Available with an array of support options your Mobile Shop Chair is custom tailored to your needs. Fits through a standard 30" doorway and transitions from a tall 28" to a low 6" and can position you anywhere in between—seated upright, reclining at any angle, or laying flat! Intended for indoor, hard surface use only. Special order, call for details.

MSC SPECIFICATIONS

PHYSICAL

Weight: 250 lb (114 kg)

Shipping Weight: 400 lb (180 kg)

Lowest Seat Travel: 5" (13 cm)

Highest Seat Travel: 27" (68cm)

MECHANICAL

Frame: 304 Stainless Steel and Aircraft Aluminum

Drive Wheels: 9" (23 cm) Solid

Rear Wheels: 5" (13 cm) Polyurethane Casters

Storage: Magnetic Tool Tray

SAFETY

Brakes: Regenerative and Electromechanical

Controls: Variable Speed

Double Backrest Supports

Battery Charge Indicators



ELECTRICAL / PERFORMANCE

Hoist	Drive
Hoist Batteries: 2—28VDC	Drive Batteries: 2—12VDC
Capacity: 76Wh	Capacity: 8Ah SLA/AGM
Charger: 110 VAC 60 hz	Charger: 110 VAC 60 hz 3.5A
Cycles/Charge: 100/battery	Distance/Charge: up to 6 miles
Cycle Time: 5 sec. up or down	Top Speed: up to 4 mph

In the box:

- 1—Mobile Shop Stool
- 2—Battery, removable (hoist)
- 2—Battery, mounted (drive)
- 2—Battery Charger

OPTIONS AND ACCESSORIES

	Power Shop Stool	Base Shop Chair	Factory Shop Chair	Ultimate Shop Chair	Mobile Shop Chair	
 <p>Backrest Dogs Allows presetting of backrest</p>	X	A	A	S	S	
<p>Caster Brake Holds unit in position, any caster</p>	A	A	A	A	A	
 <p>PSS Extra Clearance Package Larger Casters for additional ground clearance</p>	O	X	X	X	X	
<p>PSC Extra Clearance Package Larger Casters for additional ground clearance NOTE: Can reduce maneuverability</p>	X	O	O	O	O	
 <p>4 Wheel Package Straddles conveyor lines or other obstructions NOTE: Can reduce maneuverability</p>	S	O	O	O	S	
<p>Auxiliary Tool Trays PSC, Left or Right, removable</p>	X	O	O	O	O	
 <p>Tool Trays, folding PSS Right Side Standard, left available</p>	O	X	X	X	X	
<p>Spark Resistant Seat Cover For Welding or Grinding</p>	O	O	O	O	O	
 <p>Frame Mark Protection Protect surfaces from accidental contact with main frame members or batteries</p>	O	O	O	O	X	
<p>Caster Mark Protection Protect surfaces from accidental contact with casters or brackets</p>	O	O	O	O	X	

REPLACEMENT PARTS

	Quantity Supplied		
	PSS	PSC	MSC
Battery, 18VDC	1	-	-
Battery, 28VDC	-	2	2
Drive Battery, 12VDC	-	2	2
Caster, 3"	4	-	-
Caster 4"	-	2	0
Caster 5"	-	1	2
Relay	-	2	2
Variable Speed Trigger	-	1	1
Gas Springs, Backrest	-	2	2
Gas Springs, Tail	-	2	2

Personal Positioning Technologies LLC

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