



Logistics and Manufacturing Assistive Technology


Product Name & Photo	Price & Where to Find	Definition and use	Additional Info	Suggestions for Individuals with:
Cadillac Mat <i>Work Mat</i> 	\$44 Uline ¹	Model H-3089 Size 2'x4' 5/8" thickness	<ul style="list-style-type: none"> • Smoother surface, unlike ribbed mats, allows for easy turns and quick pivoting all day long. • Beveled edges help keep warehouses safe - No tripping. • Dyna-Shield® PVC cleans easily and lasts longer. • 5/8" thick – 60% more cushioning. • Recommended for dry conditions only. 	Leg / back pain Difficulty with standing for prolonged time


Product Name & Photo	Price & Where to Find	Definition and use	Additional Info	Suggestions for Individuals with:
Ironclad Box Handler Gloves <i>Pair of Gloves</i> 	\$27 Uline ²	Model S-11436 Box Handler	For slippery surfaces such as import boxes and heavy paper rolls. <ul style="list-style-type: none"> • Super-tacky "Diamondclad™" palm and fingertips. • Knuckle impact protection. Terry cloth sweat wipe. • Abrasion and wear resistant. • Breathable and 	Upper extremity limitations Hand / arm pain Fine motor difficulties

¹ https://www.uline.com/Product/Detail/H-2011BL/Anti-Fatigue-Mats/Cadillac-Mat-5-8-thick-2-x-3-Black?pricode=WA9154&gadtype=pla&id=H-2011BL&gclid=CjwKCAjwZf3BRABEiwA8Q0qqwJ2cREtmG9V-VWHiN6yPbsvHym-XImvPTUYI8wKUqdPj3SdxcKgQxoCSdAQAvD_BwE&gclsrc=aw.ds

² <https://www.uline.com/Product/Detail/S-11436S/Performance-Gloves/Ironclad-Box-Handler-Gloves-Small?model=S-11436S&RootChecked=yes>

			washable.	
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Product Name & Photo	Price & Where to Find	Definition and use	Additional Info	Suggestions for Individuals with:
Deluxe Knee pads <i>Pair of Knee Pads</i> 	\$32 Uline ³	Model S-11885 Deluxe	<ul style="list-style-type: none"> • Soft, form-fitting shell provides ultimate comfort for all-day use. • Non-skid construction won't scuff or scratch floors. • Hook and loop neoprene straps. • Polyester, jersey and neoprene fabric with gel-injected EVA foam padding. 	Lower extremity limitations Knee pain

Product Name & Photo	Price & Where to Find	Definition and use	Additional Info	Suggestions for Individuals with:
Impacto Ergo Mate Anti-Fatigue Overshoe  <i>Anti-Fatigue Shoes</i>	\$15.00 – 81.40 Amazon ⁴	Range of Size Xsmall - Large 13-14 Wide Women/14-16 Wide Men	<ul style="list-style-type: none"> • Fully adjustable, ergomates strap onto almost any type of footwear, like a sandal for footwear. • Ergomates dramatically reduce pain and fatigue experienced when standing or walking on hard surfaces • Insulates feet from vibration and cold 	Lower extremity pain Limited standing tolerance May help with back pain from standing too long

³ <https://www.uline.com/Product/Detail/S-11885/Work-Wear/Deluxe-Knee-Pad?keywords=deluxe+knee+pads>

⁴ <https://www.amazon.com/>

			floors. <ul style="list-style-type: none"> • Provides excellent slip resistance. • Easy to put on. 	
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Product Name & Photo	Price & Where to Find	Definition and use	Additional Info	Suggestions for Individuals with:
General Tools 500 Cordless Power Precision Screwdriver  <i>Precision Screwdriver</i>	\$19.97 Amazon ⁵	1.13 x 5.50 x 11.25 inches	<ul style="list-style-type: none"> • CORDLESS- fast action super-torque drive applies more than 100 rpm that is powered by 2 AAA alkaline batteries (included) • QUICK CHANGE CHUCK- makes changing bits • 6 PRECISION BITS- comes with six popular bits: Phillips #0 and #1, Slotted 1/8 and 1/16 in. and Torx T5 and T6 • PEN-SIZE- ergonomic handle design with a cushioned rubber grip lets you hold the tool like a pen for greater control or like a standard screwdriver • IDEAL FOR- working with the tiny screws used in computers, electronics repair, etc 	Limitations in fine and gross upper extremity skills One sided upper extremity paralysis / amputation

Product Name & Photo	Price & Where to Find	Definition and use	Additional Info	Suggestions for Individuals with:
Linzer 5-gal Plastic Lid opener	\$2.97 Home Depot ⁶	Model #5425	<ul style="list-style-type: none"> • Helps open lids 	Upper extremity difficulties

⁵ <https://www.amazon.com/>

⁶ <https://www.homedepot.com/>




Dewalt Folding Retractable Utility Knife	\$8.97	Model #DWHT10035L	<ul style="list-style-type: none"> Ergonomic and easy to retract 	Upper extremity difficulties
ADG 6 LED 4X Magnifying Glass	\$7.63	Model #75-MG76716	<ul style="list-style-type: none"> Industrial magnifier 	Vision difficulties
Stanley FatMax 14" Back Saw	\$11.23	Model #17-202	<ul style="list-style-type: none"> Ergonomic Cuts on the forward and back motion 	Upper extremity difficulties
Stanley FatMax 20oz AntiVibe Curve Claw Nail Hammer	\$20.75	Model #51-943	<ul style="list-style-type: none"> Ergonomic and upper extremity protection 	Upper extremity difficulties
Figure Carabiner 150 lb. Black Rope tightener	\$4.94	Model #C9L-02-01	<ul style="list-style-type: none"> Assist with tools 	Upper extremity difficulties
Milwaukee 4" Lock Hand Clamp	\$7.97	Model #48-22-3004	<ul style="list-style-type: none"> Holds items together 	Upper extremity difficulties
Material Estimator Calculator	\$24.97	Model #4019	<ul style="list-style-type: none"> Calculates how much material is needed 	Dyscalculia
Ryobi Air Grip Compact Laser Level	\$19.97	Model #ELL1002	<ul style="list-style-type: none"> Laser leveler 	Vision difficulties Learning difficulties
Cut Resistant Gloves (large)	\$9.98	Model #7008-06	<ul style="list-style-type: none"> Protects hand from being cut 	Upper extremity difficulties




8" Cable Tie – Assorted Color (100 Pack)	\$3.94	Model #GT-200ST	<ul style="list-style-type: none"> Helps with organization and details 	Learning difficulties
Brother P-Touch Label Maker	\$31.33	Model #PT6100	<ul style="list-style-type: none"> Word and picture labels 	Learning difficulties
Stingray Ceiling Grip Wire & Cable pulling tool	\$8.97	Model #MERAY	<ul style="list-style-type: none"> Assist with installation 	Upper extremity difficulties
Safety Walk Step and Ladder Tread Tape 2"x15"	\$12.97	Model #7635NA	<ul style="list-style-type: none"> Adds grip surface to any surface 	Lower extremity difficulties
Husky Scraper 2 1/2"	\$12.98	Model #CBS25HD	<ul style="list-style-type: none"> Ergonomic scraper 	Upper extremity difficulties
Forearms Forklift moving straps	\$19.99	Model #FF000012	<ul style="list-style-type: none"> Ergonomic lifting 	General ergonomics and / or back pain


Product Name & Photo	Price & Where to Find	Definition and use	Additional Info	Suggestions for Individuals with:
Bosch PS21-2A 12-Volt Max Lithium-Ion 2-Speed Pocket Driver Kit with Batteries, Charger and Case	\$99.00 Amazon ⁷	(1) PS21 12V Max Two-Speed Pocket Driver (2) 12V Max Lithium-Ion 2.0 Ah Batteries (1) 12V Max Charger (2) 1-1/2 In	<ul style="list-style-type: none"> Compact: The Bosch PS21 2A 12V Pocket Driver Offers the Shortest Head Length of Its Class at 5.6 Inch Making It the Ideal Driver for Tight Corners and Small Working Spaces; at Only 1.4 Pounds It Reduces User Fatigue for Longer Periods of Time Power: Despite its small size, the PS21 2A driver 	Upper extremity limitations

⁷ <https://www.amazon.com/>

 <p>Bosch Pocket Driver Kit</p>		<p>Power Drive Bits (1) Carrying Bag</p>	<p>delivers 265 inch pound of max torque; It offers two speeds, 0 350 RPM and 0 1,300 RPM allowing users to match speed to the application</p> <ul style="list-style-type: none"> Control: With 20+1 clutch setting, the Bosch pocket driver allows users to have more control 	
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Product Name & Photo	Price & Where to Find	Definition and use	Additional Info	Suggestions for Individuals with:
<p>Box Strap</p> <p><i>Box Strap</i></p> 	<p>\$12.99</p> <p>Maxiaids⁸</p>	<p>Model 811448</p> <p>Size" 6.4"x3"</p>	<ul style="list-style-type: none"> The Box Strap by Forearm Forklift is the easy way to allow different sized cartons to be carried together. You can use the Box Strap to carry up to 40lbs, with the strap and fastener tested at 58 lbs. Great use for movers, carrying firewood, etc. It is designed to carry smaller heavier items such as: mail packages, beach gear, folded up chairs, firewood logs, etc. Has a built-in fastener, which allows the strap to be adjusted for different sizes. 	<p>Upper extremity limitations</p>


⁸ <http://www.maxiaids.com/>


Product Name & Photo	Price & Where to Find	Definition and use	Additional Info	Suggestions for Individuals with:
SE PM6551 16lb. Magnetic Separator Pick-Up Tool with Quick Release 	\$11.76 Amazon ⁹	Model PM6551 3.5 x 3.5 x 9 inches 5.3 ounces	<ul style="list-style-type: none"> ● Overall height: 9" ● Magnetic capacity: 16 lb. ● Magnetic base diameter: 3-1/2" ● Pull handle with rubberized grip for quick release ● Great for picking up ferrous metal objects, metal shavings, and other metal materials 	Upper extremity limitation

Product Name & Photo	Price & Where to Find	Definition and use	Additional Info	Suggestions for Individuals with:
BYKES Extra Large Magnetic Wristband for Holding Tools	\$9.99 Amazon ¹⁰	Band measures 12" L x 4" W Color Yellow	<ul style="list-style-type: none"> ● 100% Polyester ● Uniquely Embedded with 12 super strong magnets, for holding screws, nails, scissors, small tools, Bolts, bits ● One size fits most - edges are lined with reflecting material for easy locating, Ideal for many woodworking, home improvement, and do-it yourself projects ● Breathable & Lightweight 	Learning difficulties Upper extremity limitations

⁹ <https://www.amazon.com/>

¹⁰ <https://www.amazon.com/>

 <p>Magnetic Wristband</p>				
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Product Name & Photo	Price & Where to Find	Definition and use	Additional Info	Suggestions for Individuals with:
 <p>Gorilla Gripper 'Advantage'</p>	\$36.95 Amazon ¹¹	Model ROU32630 6.3 x 8.27 x 5.31 inches 1.87 pounds	<ul style="list-style-type: none"> • Made from fiber reinforced nylon • Double-injected soft-grip handle • Grips and lifts all sheet materials – such as plywood, sheet rock etc. • Ideal for the tops of large bags 	Upper extremity limitations

Product Name & Photo	Price & Where to Find	Definition and use	Additional Info	Suggestions for Individuals with:
JAMECO KITPRO Talking Voltmeter Kit	Unavailable Amazon ¹²	Model CJKIT-20528 10.9 ounces	The Talking Voltmeter provides the builder, a practical tool to measure voltages with both a visual display and voice output. Since the user records the audio, there are many possibilities for the audio output in addition to speech. In addition, the user can opt	Learning difficulties Vision impairments

¹¹ <https://www.amazon.com/>

¹² <https://www.amazon.com/>



Talking Voltmeter Kit

to choose "set points" with appropriate recorded warnings, resulting in a device that only alerts on or above the set point value! As designed, the Talking meter has three selectable voltage ranges with design calculations. The builder can redesign these for user chosen voltage ranges or other meter applications. Modifications will require materials not included in the kit such as rectifiers, capacitors, resistors, and enameled wire.