






P14031 JIB TRANSFER BENCH - BENCHMARKING

Picture	Notes	Source
	<p style="text-align: center;">Slide benches</p> <p>Using rails is a similar idea to the P13031 design</p>	<p style="text-align: right;">http://trendsupdates.com/turkish-designer-mutlu-kilincer-helps-slide-benches/</p>
	<p style="text-align: center;">Toilet to Tub Transfer Bench</p> <p>Performs same function as jib transfer bench (move user side to side)</p>	<p style="text-align: right;">http://www.showerchairforall.com/-TXX-Long-Toilet-toub-Sliding-Transfer-Bench-67993.html</p>
	<p style="text-align: center;">Rotational mechanism (lazy Susan) for tub transfer bench</p>	<p style="text-align: right;">http://www.homeaccessstore.com/snap-n-save-sliding-tub-mount-transfer-bench-with-swivel-seat-and-back.html</p>
	<p style="text-align: center;">Tub Transfer Bench</p> <p>Performs same function as jib transfer bench (move user side to side)</p> <p>**also has wheelchair style for additional leg support**</p>	<p style="text-align: right;">http://www.phc-online.com/Transfer_Bench_s/99.htm</p>
	<p style="text-align: center;">Grigri (rock-climbing)</p> <p>Potential locking mechanism... expensive</p>	<p style="text-align: right;">http://www.pa.org/zencart/index.php?main_page=product_info&cPath=20_25&products_id=6</p>

	<p>Auto Belay (rock-climbing)</p> <p>Some type of retractable device to keep the lines organized. Also possibly to control the lateral movement of the user ?</p>	<p>http://www.autobelay.com/</p>
	<p>Boat Winch</p> <p>Potential Movement Assist Device (user can crank themselves to move laterally)</p>	<p>http://shop.sportsmansguide.com/net/cb/cb.aspx?a=572658&srcode=cii-17588969&cpncode=30-276296208-2&pm2d=CSE-SPG-15-PLA</p>
	<p>Wheelchair offers foot support which is needed by some users (who have lost function of one or both legs)</p> <p>Wheelchair leg supports also fold out of the way when not needed by the user → desirable attribute for transfer bench leg rests</p>	<p>http://www.walmart.com/ip/15423455?wmlspartner=wlpa&selectedSellerId=3&adid=2222222227000624293&wl0=&wl1=g&wl2=c&wl3=13690872670&wl4=&wl5=pla&wl6=34447143430&veh=sem</p>
	<p>Anterior trunk support device that is attachable to wheelchairs. Provides nice torso support for user, simple sleek design.</p> <p>- expensive</p>	<p>http://www.apnmedicalsupplies.com/p/271/posey-torso-support-for-wheelchair-or-geri-chair</p>
	<p>Wheelchair torso support add-on</p> <p>Holds user in chair → good idea, but materials would probably not be ideal of sailing environment</p>	<p>http://www.convaidth.com/convaidth-vivo-with-seat-width-p-1108-len.html</p>



Wheelchair harness → secures user very well
Problem: user still needs to wear a life jacket and this device will not allow that easily

<http://www.1800wheelchair.com/siteimages/large/big-torsov.jpg>



Tracks and seat

Crew boat seat tracks

Track and wheel concepts for linear movement mechanism... individual parts are available for sale online by Vespoli

<https://www.vespoli.com/boats/eights.php>