

Bill of Materials

Part	Section	Quantity
Stair Climbing Cart	Stair Climbing Cart	1
Electric Winch (Powered by cordless drill)	Electric Winch	1
Power Drill + Kit	Electric Winch	1
Electric Winch (Powered by wall outlet)	Electric Winch	1
Twill Tape	Sewing Supplies	4 ft
Heavy Thread	Sewing Supplies	36 yd
Two-way Zipper	Sewing Supplies	3 ft
Velcro	Sewing Supplies	1 ft
Silver Sharpie	Sewing Supplies	1
TRX XMount (w/ lag bolts included)	Wall Fixture	1 (2 bolts)
Velcro Adhesive	3D Printed Handle	3 in
Rubber Bands	3D Printed Handle	2
CAD Files (GrabCAD 2-part & 4-part)	3D Printed Handle	4
Screws (M3-10mm)	3D Printed Handle	8
Hex Metal Nut Fastener (M3-3mm)	3D Printed Handle	8

Tools & Machines

Scissors

Ruler

Sewing Needle

Sewing Machine

Mini Clamps

Hacksaw

Hand File

Screw Driver

uPrint Stratsys 3D Printer
Objet 30Prime 3D Printer
Stud Finder
Socket Bit (for power drill)