

Roll 'n Rise

Product Description: Walker that can lift elderly individuals from the floor

Intended Customers: Independent elderly individuals with limited mobility

Market: Walkers, Assistive Devices

| NEED | ATTRIBUTE | ENGINEERING SPECIFICATION |
|-------------------|--------------------------|---|
| Lifts Safely | Stability | Center of mass remains within the frame of the walker |
| | Locking Mechanism/Brakes | Withstands up to 42 in-lbs of torque |
| | Seat Restraint | User kept on lifting platform during lift |
| Lifts Reliably | Lifting Capability | Lifts up to 300lbs 21" off the ground |
| | Material Strength | Product can withstand up to 840lbs of static force over 1sec |
| | Power Life | Completes 6 lifts with 3(?) hours of charge |
| Lifts Comfortably | Lifting Platform | Platform is no higher than 1" off the ground in lowest position |
| | Lifting Speed | Lifts in no less than 10 seconds |
| Portable | Weight | Total weight less than 30 lbs |
| | Size | Product width less than 22" |