



RAND-SCOT
Incorporated

Model EP-81



All of the strain and hassle of lifting the child or small adult is relieved if you have the EP-81. Based on the proven EasyPivot technique, the EP-81 can grow with your child. It is especially handy for toileting and hygiene. With the elevating footbase, as shown above, it will work for very short people. Without the elevating footbase, it handles even tall adolescents.

EASYPIVOT™ PATIENT LIFT Model EP-81

Specifications

General: The Rand-Scot EP-81 patient lift is designed to meet the needs of children and small adults at home. This mechanical lift reduces caregiver strain and thereby helps prevent back injuries. The EP-81 uses the EasyPivot technique for lifting. The machine lifts the patient gently and supports them with ample padding at the knees and upper chest area. The patient's own weight helps in the lifting process. The caregiver helps steady the patient and provides the small lift force needed. The dual lift handles promote good caregiver body mechanics.

The EP-81 is designed for patients 3'4" to 4'6" tall* and up to 180 lbs. in weight. It has a smaller chestpad and shorter chestpad support arms than the model EP-82. The shorter arms fits short torsos and thighs. Similarly, dual position thigh bars allow the thigh strap to be fastened to accommodate short thighs. The EP-81 is often used with the optional adjustable footbase. This helps accommodate short legs. Without the footbase, the EP-81 will fit persons up to 5'8" tall*. The EasyPivot does not require the patient be able to bear his/her weight. It holds the patient upright by virtue of kneepad, chestpad, and thigh strap.

The EP-81 is mainly for children in their home or school setting and very short adults. It is often used for those with CP (low tone), MD, and other mobility problems. The EP-81 is designed using virtually the same frame concept as the EP-82. Therefore, EP-82 parts to replace short support arms can be added at a later time as the child grows. The EP-81 grows with you.

Operation: The EP-81 is used to lift a person from wheelchair, bed, or toilet. The design of the machine and its operation guard the caregiver from strain or back injury by requiring proper body mechanics during the lift. The machine is rolled in front of the person and their feet placed on the footbase. The patient leans forward against the chestpad. Back and calf straps are provided to enhance security and combat spasticity. The caregiver, standing in front of the machine, pulls forward on the lift handles. The patient rises and rotates forward to a leaning position supported by padded knee and chest supports. A thigh strap helps hold the person's weight.

Specifications:

Machine Measurements:

Overall machine width:23" - 31"
Overall machine length:35"
Pivot bolt height range:16" - 24"
Heel plate width.....6" - 10"
Kneepad centerline width.....11" - 14"
Note: Kneepads may be flipped to lower height 2"
Chestpad height range:25¹/₄" - 33¹/₄"
Chestpad stop position:70° or 85°
Machine weight:70 lbs.
Shipping weight:90 lbs.

Construction:

Frame: Welded steel, powder coated
Wheels: 3", front locking
Pads: High resiliency foam
Warranty: Each machine is warranted to be free from defects in material and workmanship for two years.
See our complete written warranty for details.

Patient Measurements:

Weight limits:.....180 lbs. max.
*Patient height range:
without optional footbase4'6" - 5'8"
with optional footbase3'4" - 4'6"
Optional footbase range.....2" - 6"
Wheelchair width, front wheel20" minimum

Patient Population: The EP-81 can be applied to most non-ambulatory including those with paralysis or weakness that precludes standing or walking.

Contra-indications: Those with osteoporosis, contractures, open fractures and new hip or joint replacements and ventilated patients should not use machine until medical approval is gained.

Inclusions and Shipment Information: Machines are shipped boxed and require only minimal assembly. Each machine includes medium thigh strap, calf strap, back strap, instructions, parts list and maintenance manual.

Options and accessories are available. The "Accessories" section of the notebook contains additional information.

EasyPivot is a trademark of Rand-Scot, Inc. The EasyPivot patient lift is covered by various US and foreign patents.

Rand-Scot's continuing commitment to product improvement deems that all specifications may change without notice.

07/2000-1000