

PATIENT LIFTS AND SLINGS



ORTHO-MED, INC.
Commitment to Caring

HYDRAULIC PATIENT LIFTS

ELECTRIC PATIENT LIFTS

BARIATRIC PATIENT LIFTS

STAND ASSIST

UNIVERSAL SLINGS

HAMMOCK SLINGS

PADDED SLINGS

ECONOMY SLINGS

1-800-557-6682

www.NOVAORTHO-MED.COM





The revolutionary Genesis 400 homecare lifts are designed to allow manual or electric operation using the same base. The hydraulic unit may be upgraded to electric anytime with an easy-to-attach electric kit. Built to last, and yet extremely affordable.



- 400lb. safe working load
- Assembles securely and quickly without tools
- Compact design allows for easy lifting from floor
- Foot pedal base opening for ease of chair/commode access



ISO
 9001
 CE

450E ELECTRIC LIFT



Maximum patient safety and comfort are built into this highly maneuverable workhorse. Simple to operate with a unique emergency lowering mechanism. Equipped with the Apex six-point spreader bar for superior sling application.



DPL 450E

- 400lb. safe working load
- Low base height standard
- Foot pedal base opening for ease of chair/commode access
- Universal battery system with low charge and load capacity warnings



Emergency Lowering Device



Designed to provide the perfect combination of patient safety, weight capacity and maneuverability. This lift is manufactured to meet the special needs of the bariatric population in hospitals, nursing homes and long-term care facilities. Caregivers appreciate the ease of operation and patients are reassured by the stability and overall comfort of this lift.



DPL 650HD

- 600lb. safe working load
- Two low base options available
- Heavy duty 6 point multi tilt spreader bar
- Optional DSC200 scale attachment available



The ultimate solution for worry-free patient transfers between bed, chair or commode. The right choice for facilities seeking to significantly cut injury costs associated with antiquated manual patient transfers. Available in standard and new bariatric models. Combined with the unique, specially designed Apex sling, a new level of comfort and safety is achieved. These lifts are an equally affordable option for residential use.

Do not attempt to use Stand Assist Lifts unless the resident exhibits control over upper body, strength



SAL1230
 STANDARD

- 400lb. safe working loads
- Removable quick-release foot platform
- Superior comfort with deluxe padded slings



Fully adjustable kneepad

ISO
 9001
CE



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LIFT SPECIFICATIONS



Item Number	DPL400H	DPL400E	DPL450E	DPL-650HD	SAL1230
Weight Capacity	400LBS	400lbs	400lbs	600lbs	400lbs
Spreader Bar Maximum Height	66"	64"	65"	71"	68"
Spreader Bar Minimum Height	21"	23"	15.5"	22"	33"
Base Closed External Width	26"	26"	26.5"	26"	25.5"
Base Closed Internal Width	21"	21"	22"	21.5"	20.75"
Base Open External Width	35.5"	35.5"	38"	43"	37"
Base Open Internal Width	30.5"	30.5"	33.5"	38"	32.5"
Base Height	4.5"	4.5"	4.5"	6"/5"	4.5"
Mast Height	46"	46"	48"	48"	40"
Overall Length	41"	41"	41"	50"	40"
Unit Net Weight	75lbs	75lbs	114.5lbs	137lbs	117lbs
Lockable Casters	yes	yes	yes	yes	yes



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UNIVERSAL SLINGS

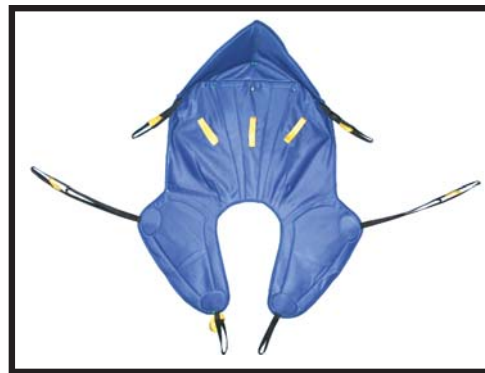


Universal slings or “U” slings allow for easier application than full body slings. The universal sling molds around the body easily, eliminating the need to pull the sling under and risk skin injury or discomfort. Available in mesh or full deluxe padded styles. Six point connectivity increases safety and weight distribution for superior comfort. Also available with full head support.

UNIVERSAL MESH SLINGS		
SL-UM882	Medium	400 lbs.
SL-UM883	Large	400 lbs.

UNIVERSAL PADDED SLINGS		
SL-UP892	Medium	400 lbs.
SL-UP893	Large	400 lbs.
SL-UP894	Bariatric	600lbs.

HAMMOCK SLINGS



Fully padded with additional support to the entire body these slings are the perfect choice when comfort is the prime consideration. Pressure points are eliminated due to deluxe padding and the way in which the sling cradles the patient. Additional support is provided for the head, neck and torso. Best choice for amputee usage.

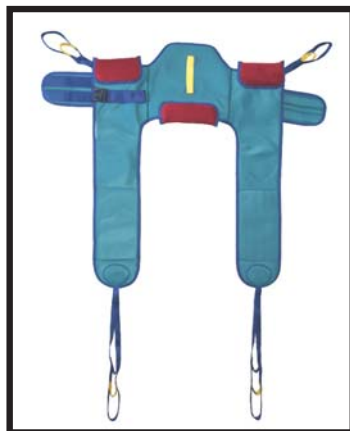
HAMMOCK PADDED SLINGS		
SL-HP222	Medium	400 lbs.
SL-HP223	Large	400 lbs.



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Commitment to Care



SANI SLINGS



Toileting sling made for maximum functionality and patient dignity. Eliminates need for poorly designed commode opening slings. Easy to apply and use, these slings are well padded under arms and lumbar for support and maximum comfort. Apex Sani slings also work extremely well on stand assist lifts for patients requiring more lower back support during lifts.

SANI PADDED SLINGS

SL-TP332	Medium	400 lbs.
SL-TP333	Large	400 lbs.

DELUXE STAND ASSIST SLINGS



Optional Buttock Strap



shown here with optional buttock strap

Experience the most comfortable stand assist sling on the market! Lumbar and underarm pads provide maximum comfort as this sling will not ride up. Use with our Stella lifts or to replace uncomfortable competitive slings. For those that require some additional initial lift assistance an optional buttocks strap attachment is available.

STAND ASSIST PADDED SLINGS

SL-SA662	Medium	400 lbs.
SL-SA663	Large	400 lbs.
SL-SA669	Buttock Strap	400 lbs.



Available in mesh or solid padded fabric with or without commode openings. Manufactured to the same weight and size specifications as the name brand. Value priced without compromising quality!

INVACARE MESH FULL BODY		
SLR110	Medium	450 lbs.
SLR111	Large	450 lbs.
SLR140	Bariatric	600 lbs.

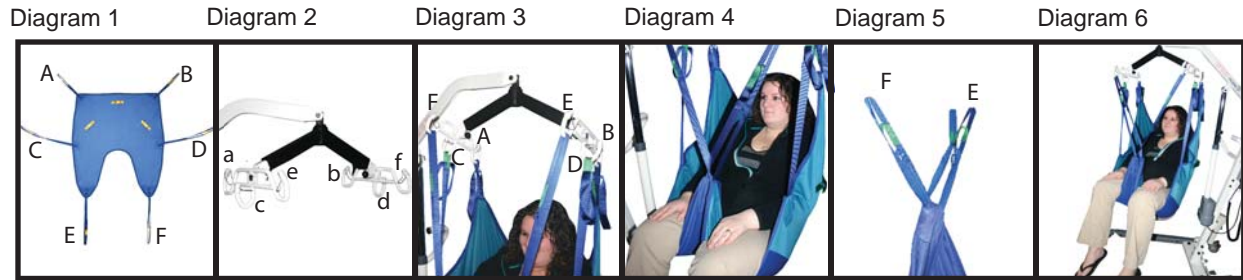
INVACARE SOLID FULL BODY		
SLR112	Medium	450 lbs.
SLR113	Large	450 lbs.
SLR117	X-Large	450 lbs.

INVACARE MESH FULL BODY with commode opening		
SLR114	Medium	450 lbs.
SLR115	Large	450 lbs.
SLR116	X-Large	450 lbs.
SLR141	Bariatric	600 lbs.

INVACARE is a registered trademark of INVACARE

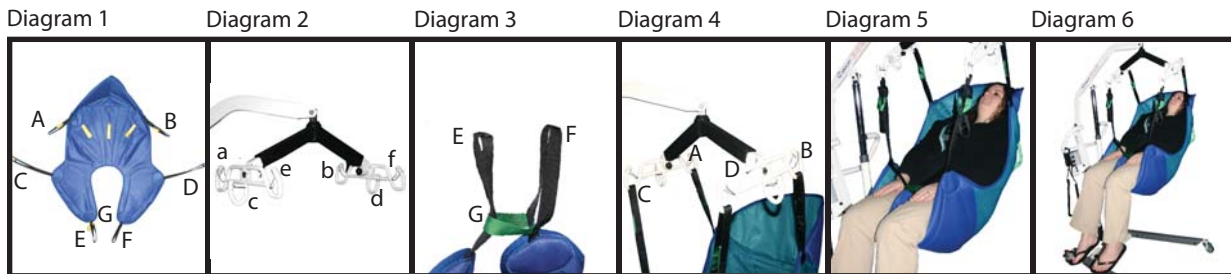
STEP-BY-STEP SLING APPLICATION

UNIVERSAL SLING



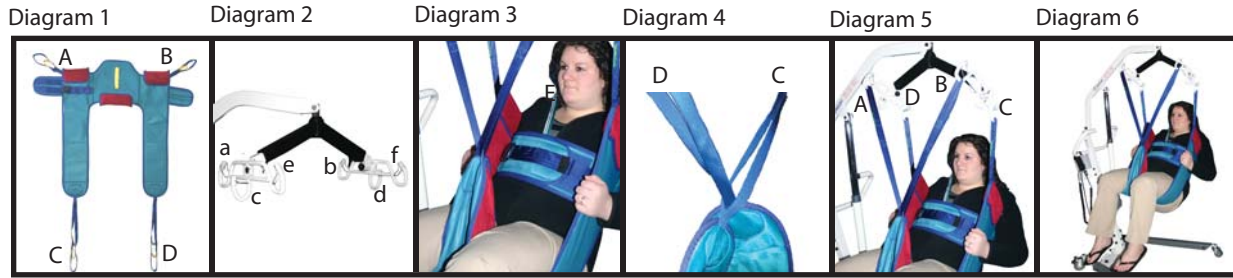
- Step 1: Always check sling safe working load versus person to be lifted.
- Step 2: Position sling against the back with adjustment straps to the outside and loops A & B at shoulder height
- Step 3: Position the leg loops (E&F) under and between persons legs as in Diagram 4.
- Step 4: Cross loops E&F through each other as in Diagram 5.
- Step 5: Attach all loops A-F to corresponding hooks a-f on spreader bar as in Diagrams 1&2.
- Step 6: Correct lift position and loop attachments as shown in Diagram 6.

HAMMOCK SLING



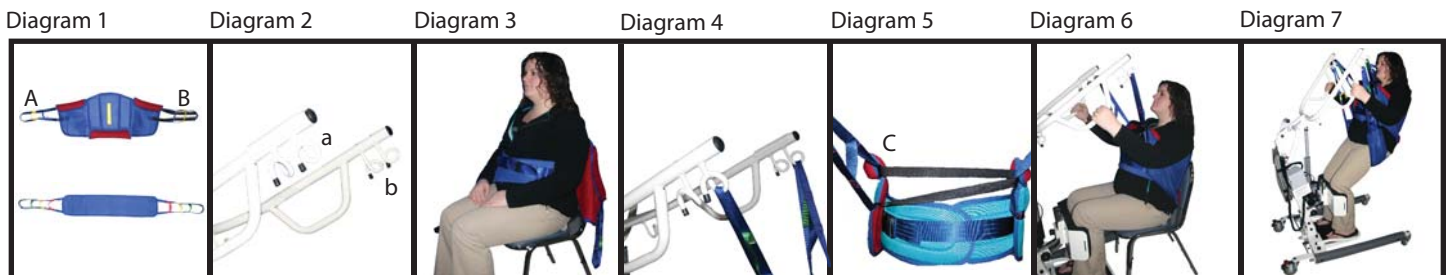
- Step 1: Always check sling safe working load versus person to be lifted.
- Step 2: Position sling against the back with adjustment straps to the outside and loops A&B at shoulder height.
- Step 3: Position the leg loops (E&F) under and between persons legs as in Diagram 5.
- Step 4: Pull loops E&F through the small loop G as in Diagram 3.
- Step 5: Attach loops A&B and E&F to the corresponding hooks a&b and e&f on the spreader bar as in Diagram 2.
- Step 6: Correct lift position and loop attachments as shown in Diagram 6.

SANI SLING



- Step 1: Always check sling safe working load versus person to be lifted.
- Step 2: Position sling behind the back with the two red pads under the arms and single lumbar pad against the small of the back.
- Step 3: Make sure the adjustment strap is on the outside.
- Step 4: Cross the chest belt over the chest and secure using the buckle adjusting for comfort as required.
- Step 5: Position the leg loops C&D under and between the persons legs as in Diagram 3.
- Step 6: Cross loops C&D through each other as in Diagram 4.
- Step 7: Attach loops A&B and C&D to the corresponding hooks a&b and c&d on the spreader bar as in Diagram 5.
- Step 8: Correct lift position and loop attachments as shown in Diagram 6.

STAND ASSIST SLING



- Step 1: Always check sling safe working load versus person to be lifted.
- Step 2: Position sling behind the back with the two red pads under the arms and the single red lumbar pad against the small of the back.
- Step 3: Make sure the adjustment strap is on the outside.
- Step 4: Cross the chest belt over and secure using the buckle adjusting for comfort as required.
- Step 5: Place loops A&B through black strap C forming an "H" in front of person as in Diagram 5.
- Step 6: Attach loops A&B to the corresponding pig tail hooks a&b on the lift boom as in Diagrams 1&2
- Step 7: Person must grasp handles, and have feet securely on foot platform with knees against kneepad.
- Step 8: Person must keep arms outside of all loops while looking up at a slight angle as in Diagram 6.
- Step 9: Correct lift position and loop attachments as shown in Diagram 7.



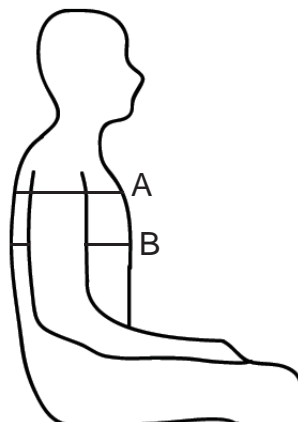
- Step 1: Always check sling safe working load versus person to be lifted.
- Step 2: Position the sling under the body with A&B at shoulder height and C&D under the legs to the bend of the knee as in Diagram 3.
- Step 3: Attach loops A&B and C&D to the corresponding hooks a&b and c&d of the spreader bar as in Diagrams 1, 2, & 4.
- Step 4: Correct lift position and loop attachment as shown in Diagram 5.

SLING SPECIFICATIONS

	SMALL	MEDIUM	LARGE	BARIATRIC
A- Diameter in inches around the shoulders				
UNIVERSAL ALL MODELS	28"-45"	37"-57"	47"-67"	57"-80"
HAMMOCK FULLBODY	28"-43"	35"-51"	45"-60"	N/A
B- Diameter in inches around the chest				
SANI/TOILETING	26"-42"	30"-48"	38"-60"	58"-73"
STAND ASSIST	26"-42"	30"-48"	36"-60"	50"-79"
Body Weight in pounds				
UNIVERSAL ALL MODELS	85 - 140 lbs.	140 - 200 lbs.	200 - 400 lbs.	400 - 600 lbs.
INVACARE COMPATIBLE SLINGS	N/A	100 - 180 lbs.	160 - 280 lbs.	200 - 400 lbs.*
* R140 / R141- 300 - 600 lbs.				

Above dimensions are guidelines and may vary by user.

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TROUBLESHOOTING CHART

SYMPTOMS	COMPONENTS CONCERNED	POSSIBLE CAUSES	ACTION	SOLUTION
The actuator is installed and a clicking sound is audible.	Actuator Actuator and PCB	Actuator plug is not sealed properly into control box. Actuator is defective or completed its life cycle. Control box is defective.	Test control box on another Apexlift.	Firmly plug the actuator plug into control box. Replace actuator if control box is good. Replace PCB if control box is bad.
The actuator will either go up or down, but not both.	Hand Control or PCB	Hand control or control box defective.	Test hand control on another Apexlift.	Replace PCB if hand control is good. Replace hand control if it is bad.
The actuator makes a grinding sound while lifting, but works fine without a load.	Actuator	The internal gear is stripped likely due to overloading	Stop using the lift.	Repair or replace the actuator.
The actuator stops and starts during lifting or lowering.	Batteries	Bad batteries	Check battery indicator. Confirm if lights drop quickly to red light.	Replace batteries.
The lift will not operate even though battery indicator shows charge.	Control Box	Charger still plugged in. Poor connection between control box and hand control, or defective hand control. Poor connection between actuator and control box.		Unplug charger. Plug hand control firmly into control box, or replace hand control. Plug actuator cord firmly into control box.
The lift will not operate and battery indicator has no lights illuminated.	Control box and battery	Control box may be in "off" position. Internal batteries may be loose from their connections. Batteries are in need of being charged. Batteries are dead and won't hold a new charge.		Turn the red emergency stop button until it pops up to the "on" position. Check inside control box to ensure batteries are connected. Use the charger to charge the batteries making sure the red emergency stop is in "on" or "up" position. Replace the two internal batteries.
During charging the battery, indicator is not illuminated and won't charge.	Control Box Charger	The red emergency stop button is in "off" or "down" position. The charger is defective or at end of its life cycle.		Turn the red emergency stop button until it pops up into the "on" position. Inspect the charger for damage and replace if required.
The battery indicator indicates need for frequent charging and/or lift loses power.	Batteries	The internal batteries are at the end of life cycle.		Replace the two internal batteries.
The lift will not operate and there is no clicking sound or light when hand control was pressed.	Hand Control	The hand control is loose/ defective or at the end of life cycle.	Check battery indicator.	Replace the hand control if battery indicator shows full charge.
Two beeps per second audible from control box, and lift runs slowly/ stops/ starts.	Batteries	Low battery charge level.		Charge the batteries.
Three beeps per second audible from control box with only red light illuminated and lift stops.	Batteries	Low battery charge level.		Charge the batteries immediately.
Six beeps per second audible from control box with no lights illuminated.	Batteries	Extremely low battery charge level.		Charge the batteries immediately.
Three beeps every other second audible from control box and lift won't operate.	Batteries	Battery life cycle.		Replace the batteries.
Three long beeps and lift stops during lift.	Working Load	Lift is overloaded.		Stop the lift immediately and lower patient.