



The **NOVA Baggage Lift** is a bridge mounted vertical conveyor for moving heavy loads up to 500 lbs. to and from the passenger boarding bridge. The NOVA Baggage Lift quickly handles overflow baggage situations AND allows motorized wheelchairs to be raised or lowered within 15 seconds.

Safety First

- ▶ A fail-safe mechanical brake holds the car in place even if both cables break.
- ▶ The doors must be closed to operate the lift.
- ▶ The gate on the bridge cannot be opened if the car is lowered.
- ▶ If the car encounters an obstruction below as it descends, the car immediately stops and automatically raises away from the obstruction.
- ▶ If the car is loaded with more than 500 pounds, the car will not move and the fault light illuminates.
- ▶ Load sensing: if the lift car cannot move because of an obstruction or ice jam, the motor shuts off to prevent the cable spools from unwinding.



Extremely Low Maintenance

The all-electric NOVA Baggage Lift has no hydraulics and no mechanical switches to fail. One shot of grease on two bearings biannually is all it takes to keep the NOVA Baggage Lift in perfect working order.

Specifications

- ▶ US Applied Mechanics has a letter of approval from all major passenger boarding bridge manufacturers.
- ▶ Weight: 700 lbs. ▶ Maximum load: 500 lbs. ▶ Voltage: 110V AC, or any 3 phase voltage.
- ▶ Standard door opening is 4 feet wide. ▶ Optional 6 ft. opening at the bridge level.

Smooth Operator



NOVA Baggage Lift glides up and down with no shaking or chattering on our patented roller mast, which is designed to not rattle boarding bridges—or passengers. The NOVA Baggage Lift moves up to twice as fast as competitive lifts. It even senses the ground and slows just before it meets the tarmac for a gentle touchdown.





U.S. Applied Mechanics INC.

NOVA SLIDE

An important feature of the NOVA Baggage Lift is that it allows for the attachment of the NOVA Slide, pictured here. The NOVA Baggage Lift can be used to move wheelchairs and strollers to the tarmac, while the NOVA slide can be used to quickly send multiple late baggage items to ground level. This promotes speedy turnovers and safe baggage handling like no other equipment available.

