



LIFTING HIGHER, FASTER, SAFER & SMARTER

SmartGroup America has introduced the smartest way for glaziers to lift and install glass. SmartGroup Lifts raise higher, reach further, and lift heavier materials than any other manipulator in the same class. As the smartest lift in the industry, it improves safety and productivity like no other lift in America.



SG450 All Terrain Manipulator

- All outdoor SmartGroup Lifts, including the smallest SG450, are designed to **raise 18 feet 6 inches (222") high** making it possible to install second-story windows from the ground.
- Even the SG450's maximum **horizontal reach is 11 feet 5 inches (137")**.
- The SG450's maximum lift **capacity is 992lbs.**
- A potentiometer controls the desired speed of hydraulic actuators.
- A load cell monitors the safe weight and position of materials being lifted. An LED indicator tells when the unit is approaching its maximum load capacity.
- The SG450 is built with a very low center of gravity (the unit weighs 1488lbs).

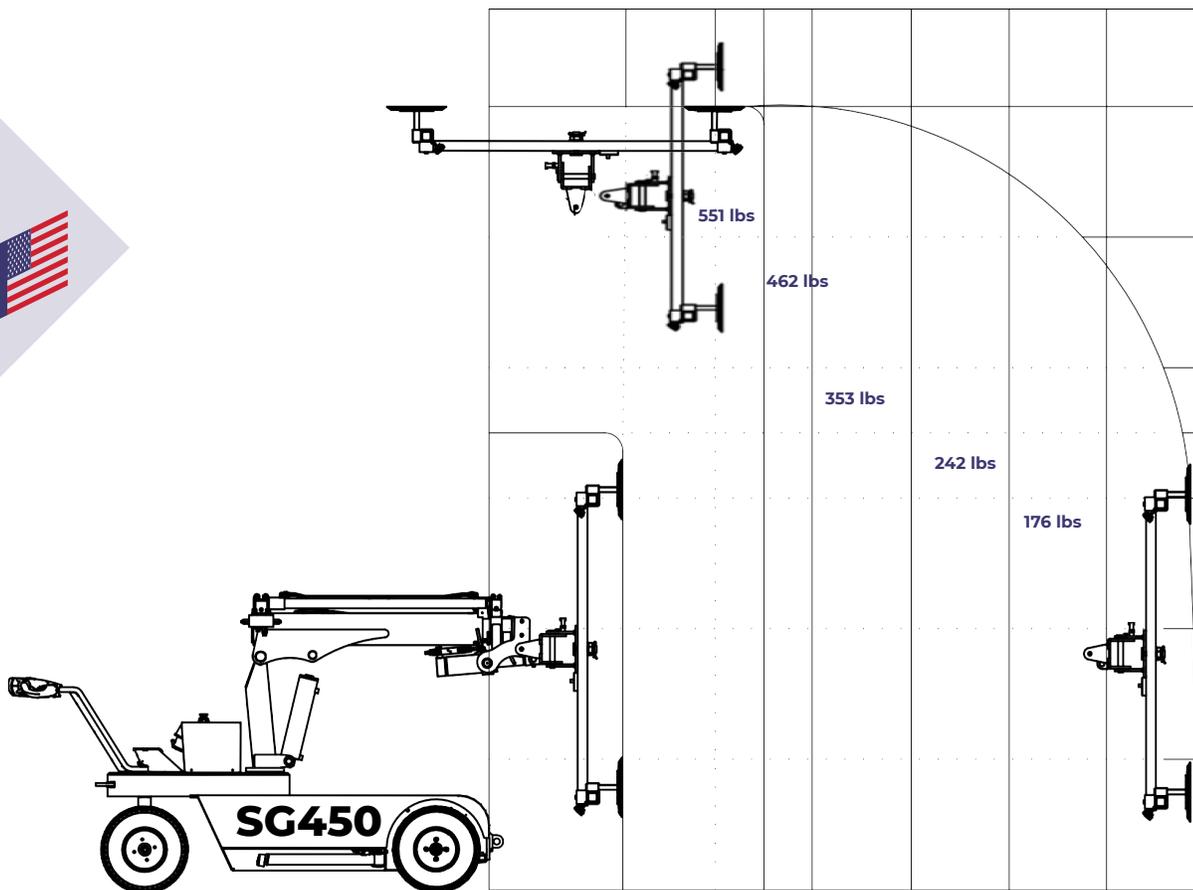
SG450 ATM All Terrain Manipulator

- Equipped with all-terrain foam filled tires its front-wheel drive is ideal for outdoor or indoor use.
- A 21-inch-wide rear-wheel base positions the SG Lift for greater stability on rugged surfaces.

- SG Lifts can easily pick up a window (or any flat, non-porous material like metal or stone) off a cutting table, delivery truck, A-frame, or out of a crate.
- Dual vacuum suction cups safeguard the handling of flat materials from transport to installation.
- The telescopic boom has three hydraulic segments that can reach full extension with the push of a button.
- Wireless remote control.
- The SG450's dimensions are 32" WIDE x 58" TALL x 120" LONG.
- The SG450 can be transported in a van or on a small utility trailer.

kg	450	350	250	210	160	110	80	65
lbs	992	771	551	462	353	242	176	143

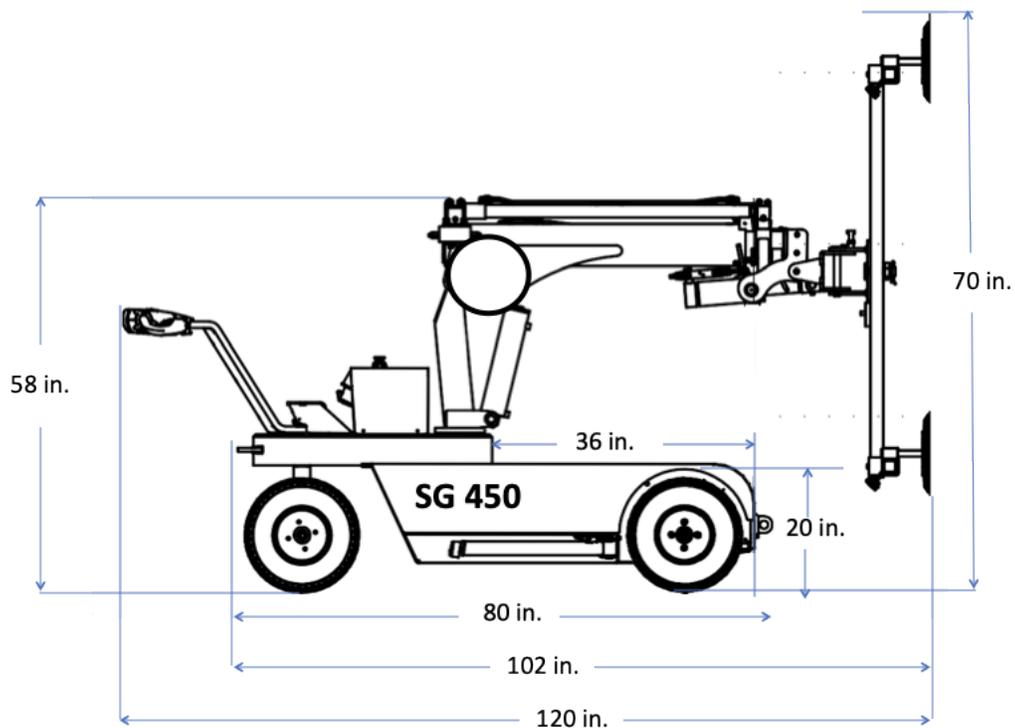
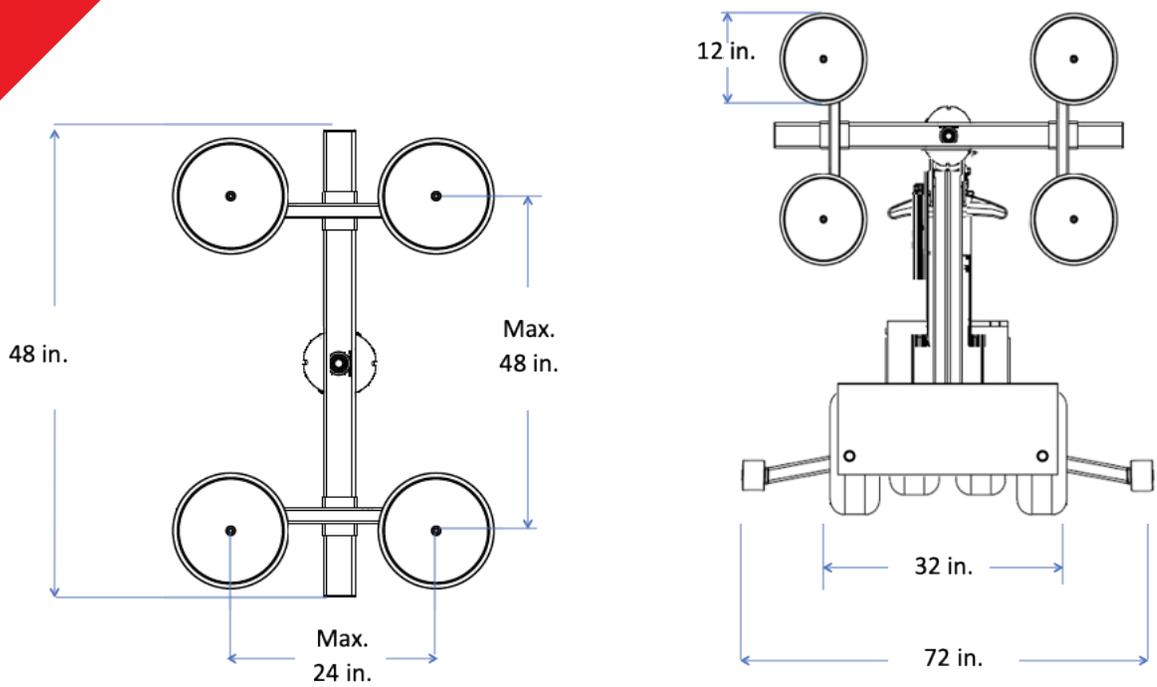
meters ft/in inches
5.65m 18'6" 222"
5m 16'4" 196"
4m 13'1" 157"
3.4m 11'1" 133"
3m 9'10" 118"
2m 6'6" 78"
1m 3'3" 39"



m ft/in. inches	0.5m 1'7" 19"	0.75m 2'4" 28"	1.25m 4'1" 49"	1.5m 4'11" 59"	2m 6'6" 78"	2.5m 8'2" 98"	3m 9'10" 118"	3.5m 11'5" 137"
-----------------------	---------------------	----------------------	----------------------	----------------------	-------------------	---------------------	---------------------	-----------------------



SG450 ATM All Terrain Manipulator



SmartGroup Lift Key Features

SG 450 ATM

Maximum Lift Capacity	992lbs
Vertical Boom Extension (overhead)	18'5" (222") 5.65m
Horizontal Reach	11'5" (137") 3.5m
Machine (WxHxL)	32"x 58"x 120"
Machine weight	1488lbs