



Miller® brand harnesses are rated to a 400 lb capacity. Miller® can also manufacture custom fit harnesses. A custom fit harness requires a form to be completed detailing the person's weight and physical dimensions. OSHA addresses individuals over the 310 lb capacity in Subpart M, 1926.502, Section D, which requires that the employer provide proper protection for heavier weights. Miller® brand heavy duty Max Pack SofStop lanyards are also available for individuals weighing 310 to 400 lbs. Max Pack SofStops are available in part number 940 single leg versions and part number 980 double leg versions.

Ref.	Statement	Miller Comment
1926.502	NOTE: If the personal fall arrest system meets the criteria and protocols contained in Appendix C to subpart M, and if the system is being used by an employee having a combined person and tool weight of less than 310 pounds (140 kg), the system will be considered to be in compliance with the provisions of paragraph (d)(16) of this section. If the system is used by an employee having a combined tool and body weight of 310 pounds (140 kg) or more, then the employer must appropriately modify the criteria and protocols of the Appendix to provide proper protection for such heavier weights, or the system will not be deemed to be in compliance with the requirements of paragraph (d)(16) of this section.	
(16)	Personal fall arrest systems, when stopping a fall, shall:	
(i)	limit maximum arresting force on an employee to 900 pounds (4 kN) when used with a body belt;	Because the forces will exceed 900-lbs., a belt could not be used for people between 310-lbs. and 400-lbs.
(ii)	limit maximum arresting force on an employee to 1,800 pounds (8 kN) when used with a body harness;	The forces on the body will be at or below 1,800-lbs. On people between 310-lbs. And 400-lbs.
(iii)	be rigged such that an employee can neither free fall more than 6 feet (1.8 m), nor contact any lower level;	This is the employees responsibility. To limit the free fall distance to 6-ft. or less and make sure he will not hit a lower level.
(iv)	bring an employee to a complete stop and limit maximum deceleration distance an employee travels to 3.5 feet (1.07 m); and	The use of our built-in shock-absorbing lanyard will limit the maximum deceleration distance to 3.5-ft.
(v)	have sufficient strength to withstand twice the potential impact energy of an employee free falling a distance of 6 feet (1.8m, or the free fall distance permitted by the system, whichever is less.	This is also the employees responsibility to ensure the anchorage point is 5,000-lbs.