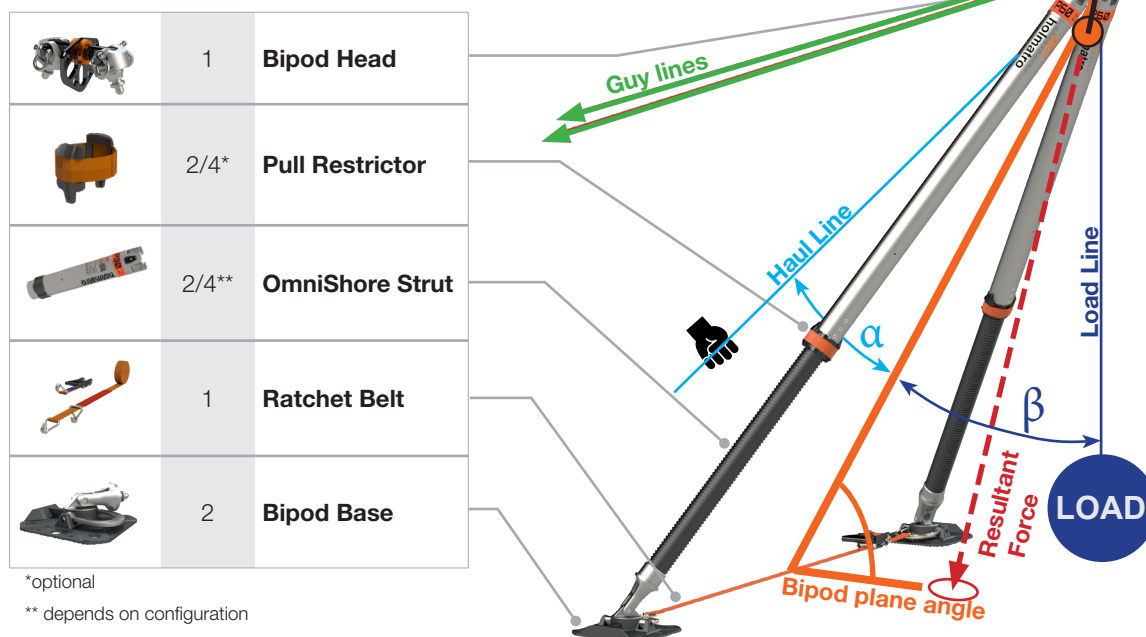




Max. Load Bipod. (Safety Factor 4)							
Bi-pod plane angle	Strut Length	cm	≤ 300	350	400	450	500
45°-60°	Max. Load	kg	1250	1000	750	650	500

- Ensure the haul angle (α) is smaller than the load angle (β) and greater than 0° , so that the resultant force remains positioned in front of the bipod plane.
- Maintain a bipod plane angle between 45° and 60° at all times.
- Keep the load line as vertical as possible; maximum allowable deviation: $\pm 10^\circ$.
- Ensure the haul line and loadline are aligned with the bipod connection plate.
- The load table is valid only for the configuration shown above and provided that all instructions are followed.
- The user is responsible for selecting suitable lines, pulleys, carabiners, and other rigging components.
- The shoring construction and installation must be approved by a trained Rope Rescue Specialist.
- The guy lines and base plate must be securely anchored to the ground.

Guy Lines

- When positioning the guy lines use the following rules:

A = Strut Length

$B \geq 2A$

$B \leq C \leq 2B$

For example:

A = 3 meters

B = 6 meters

C = between 6 and 12 meter

- Make sure to anchor the guy lines at the same or a higher level than the base plates.
- If all instructions are followed, the calculated load in any guy line will not exceed **10.5 kN**.

