

Carriage Mounted Spreader Bar

Carriage Mounted Spreader Bar - As the name implies, this mast includes 3 sections. The outside section mounts firmly to the lift truck. The next middle part telescopes in the outside section. The inmost part telescopes in the middle part. The internal part and the middle part both raise when the lift cylinders extend. Once again in this model, the fork carriage rides in the inner part. The 3 stage mast provides a shorter lowered height than the 2 stage mast. The common usage of the 3 stage mast is in areas such as doorways where overhead clearances are restricted. This particular mast is often outfitted with a center cylinder so as to let the fork carriage elevate a few distance before the mast sections begin lengthening.

There are two main parts in a 2 Stage Mast. The outer part of the mast is attached to the lift vehicle. The inner part sits within the outer part and raises when the cylinders lengthen. The fork carriage is positioned inside the inner part. This mast type has a taller lowered height than an equivalent lift height quad mast or 3 stage mast.