

Carriage Mounted Spreader Bars

Carriage Mounted Spreader Bar - This type of mast comprises three parts as the name implies. The outside section is attached securely to the lift vehicle. The next section telescopes within the mounted outside section and the interior most part telescopes within the middle part. Both the intermediate and the inner part elevate and the lift cylinders lengthen. Once again in this model, the fork carriage rides in the inner part. The 3 stage mast provides a shorter lowered height as opposed to the 2 stage mast. The common usage of the 3 stage mast is in areas like doorways where overhead clearances are limited. This mast is usually equipped with a center cylinder so as to allow the fork carriage raise some distance before the mast sections start lengthening.

There are two main parts in a 2 Stage Mast. The external section of the mast is connected to the lift vehicle. The internal part sits inside the outer section and raises while the cylinders lengthen. The fork carriage is actually situated in the inner part. This mast type has a taller lowered height compared to an equivalent lift height quad mast or 3 stage mast.