

## Carriage Mounted Spreader Bar

Carriage Mounted Spreader Bars - This particular kind of mast includes three sections as the name implies. The external section is attached firmly to the lift vehicle. The next section telescopes in the mounted outside section and the inner most section telescopes in the middle part. Both the middle and the inner section raise and the lift cylinders lengthen. Once again in this model, the fork carriage rides inside the internal section. The 3 stage mast provides a shorter lowered height compared to the 2 stage mast. The common usage of the 3 stage mast is in areas such as doorways where overhead clearances are limited. This mast is usually equipped with a center cylinder to allow the fork carriage raise some distance before the mast parts start extension.

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