WBM’s Heavy Duty Forklift Masts are designed for conversion of wheel loaders for rough terrain forklift applications.

**FEATURES AND BENEFITS**
- High visibility two stage mast upright with high strength twin I-beam rails
- Trolley frame center opened for visibility
- Low profile carriage
- Underslung side shift cylinder
- 18” side shift (+/-) 9” per side with U-Shaped upper sliders
- Roller or Polyslide guides that follow different tracks on inner and outer uprights
- Anti-Load Drop Valve (flow-restricted lowering speed)
- Outside mounted load chains
- Spherical bearings in mounting bracket
- Sealed roller bearings in chain and hose sheaves
- Bolt-style trolley chain anchors
- Standard single acting lift cylinders - optional double acting
- Standard 15,000 - 30,000lb lift capacities at 24” load centers
- Special application masts available (40,000-60,000lbs)

**OPTIONS**
- Tilt Cylinders
- Lights
- Fork sizes of various sections, lengths, and configurations
- Extended height backrest

**OTHER ATTACHMENT OPTIONS**
- Lumber hold down clamps
- Fork length limiter
- Pipe and Pole grapple
HIGH VISIBILITY TWO-STAGE UPRIGHTS

TWIN I-BEAM MAST RAIL DESIGN
- 70,000 psi rolled mast rail material

OUTER CHAIN / HOSE SHEAVE DESIGN
- Sealed roller bearings in sheaves
- Retaining bolt will ensure hoses do not jump off sheaves

CARRIAGE OPTIONS AVAILABLE
- Side shift
- Roller or Polyslide guides
- Single fork positioning
- Dual simultaneous
- Independent fork positioning
- Fork tine sizes to suit application
- Fork Pockets:

Forklift Mast
NEW CARRIAGE DESIGN FEATURES

LOW PROFILE CARRIAGE WITH UNDERSLUNG SIDESHIFT CYLINDER
- Improved visibility

REPLACEABLE SIDE SHIFT SLIDER BLOCKS
- The trolley is wider to better support fork carriage in fully side shifted position

ADJUSTING BOLTS FOR TROLLEY SLIDERS
- Bolts added for easy adjustment of trolley to mast clearance, shims can also still be added if needed
- Synsteel wear blocks have been replaced with a UHMW based material, which has better wear properties

CHAIN ANCHOR BOLT-STYLE
- Bolt-style chain anchors allow more adjustment of chain and are easily replaceable
### SPECS

![Diagram of attachment dimensions and measurements]

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<td><strong>A (in.)</strong></td>
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<tr>
<td><strong>B (in.)</strong></td>
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<td><strong>C (in.)</strong></td>
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<td>Suggested ground clearance varies upon Wheel Loader</td>
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<td>Suggested tilt forward varies upon Wheel Loader</td>
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<tr>
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<td>Suggested tilt rearward varies upon Wheel Loader</td>
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<td>2 X 10</td>
<td>2.5 X 7</td>
<td>2.75 X 8</td>
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*Updated June 2017*