

# Crane Matrix

Revised 5/19/09

<b>IA</b>	Axles are <24,000 can operate as is. If axles are >24,000 must break down crane.
<b>IL</b>	Crane can operate as is even with counterweights if in position where they will be used when on job site. If counterweights are pinned or located in a position different than will be used on job site then must carry separately.
<b>IN</b>	Can operate as is but must carry counterweights separate.
<b>KY</b>	We require cranes to dismantle only if they are on a low weight class road, in that instance they will be required to haul the counter weights and boom separately.
<b>MI</b>	Crane can be operated as is but must carry counterweights separately unless they prove that some part of the counterweights must be left on the crane to balance and move it safely.
<b>MN</b>	Will allow cranes to move as is if remain under weight and size limits established by MNDOT.
<b>MO</b>	Cranes can be operated as is as long as axles weights do not exceed 20,000 lbs single axle, 40,000 lbs tandem axle, and/or 60,000 pounds quadrum axle.
<b>OH</b>	Crane must be reduced to smallest component. Must remove any component that requires less than 8 man hours to remove.
<b>WI</b>	Telescoping cranes are allowed to telescope and transport without dismantling the boom; Counterweights that are designed into the rig are not challenged either by OSOW staff at application nor State Patrol; Axle weights - Under Single Trip Permit - cranes under own power (UOPs) are allowed 35,000 lbs on a single axle - if structural evaluation allows transport over; under a Multiple Trip Permit - UOPs are allowed 30,000 lbs on a single axle, if axle spacing distance is adequate. Cranes with a steerable dolly may be 75 feet in overall length. A straight truck crane or a crane with not-steerable dolly is limited to 60 feet in overall length. The more unusual cranes that are more like a tractor/trailer combo may be 100 feet in overall length.