



**RAMP HEIGHT:** \_\_\_\_\_ INCHES

**RAMP WIDTH:** \_\_\_\_\_ INCHES

**RAMP THICKNESS:** \_\_\_\_\_ INCHES

**TRAILER BUMPER HEIGHT:** \_\_\_\_\_ INCHES

**TRAILER HEIGHT OFF GROUND:** \_\_\_\_\_ INCHES

**HINGED DOOR WEIGHT:** \_\_\_\_\_ POUNDS

The MT200 Series comes in three models. All capacities from hinged weight of the door. All models measure **14.39"** in length.

1. **MT200**: Capacity: **0** pounds. (Idler hinge)
2. **MT205**: Capacity: **10-20** pounds.
3. **MT210**: Capacity: **20-40** pounds

## **MTec Capacity Calculations Example**

An 80-inch-wide ramp door weighs 160 pounds which will weigh 80 pounds hinged.

This ramp will need (2) MT210 hinges to compensate for the 80 pounds of hinged weight.

Two MT210 hinges combined have the capacity from 40-80 pounds. With only using two MT210 hinges this means the hinges are "Maxed out". So, this no room for adjustment if any extra weight is added. The installer may decide they want to leave some room for adjustment, so they may install an additional hinge MT205. This would give the hinges capacity from 50-100 pounds, which would leave 20 pounds (hinged) of extra adjustment if needed.

**Disclaimer:** If the hinges have too much capacity the ramp may not fully open and levitate above the ground and extra weight will need to be added. It is suggested to aim for the middle capacity so each hinge is adjusted and gives the ramp some spring back and the ramp can have weight added if needed. If you have any questions, please contact [Sales@MTecmfg.com](mailto:Sales@MTecmfg.com)