

**761—511.12(321,321E) Maximum axle weights and maximum gross weights for vehicles and loads moved under permit.****511.12(1) Annual and all-systems permits.**

a. For movement under an annual or all-systems permit, the axle weight and combined gross weight shall not exceed the limits found in Iowa Code section 321.463.

b. See subrule 511.12(5) for exceptions for construction machinery.

**511.12(2) Annual oversize/overweight permits.**

a. For movement under an annual oversize/overweight permit, the gross weight on any axle shall not exceed 20,000 pounds, with a maximum of 156,000 pounds total gross weight.

b. See subrule 511.12(5) for exceptions for construction machinery.

**511.12(3) Multitrip permits.**

a. For movement under a multitrip permit, the gross weight on any axle shall not exceed 20,000 pounds with a maximum of 156,000 pounds total gross weight.

b. See subrule 511.12(5) for exceptions for construction machinery.

**511.12(4) Single-trip permits.**

a. For movement under a single-trip permit, the gross weight on any axle shall not exceed 20,000 pounds.

b. If the combined gross weight exceeds 100,000 pounds, a single-trip permit may be issued for the movement only if the permit-issuing authority determines that it would not cause undue damage to the road and is in the best interest of the public.

c. Cranes may have a maximum of 24,000 pounds per axle for movement under a single-trip permit. Routes must be reviewed by the permit-issuing authority prior to issuance.

d. See subrule 511.12(5) for exceptions for construction machinery.

**511.12(5) Construction machinery.** Construction machinery may have a gross weight of 36,000 pounds on any single axle equipped with minimum size 26.5-inch by 25-inch flotation pneumatic tires and a maximum gross weight of 20,000 pounds on any single axle equipped with minimum size 18-inch by 25-inch flotation pneumatic tires, provided that the total gross weight of the vehicle or a combination of vehicles does not exceed a maximum of 80,000 pounds for movement under an annual or all-systems permit and 126,000 pounds for movement under a single-trip, multitrip or annual oversize/overweight permit.

For tire sizes and weights allowed between the maximum and minimum indicated, the following formula shall apply: Axle weight = 20,000 pounds + (tire width - 18) × 1,882 pounds.

This rule is intended to implement Iowa Code sections 321.463, 321E.7, 321E.9, 321E.9A and 321E.32 and Iowa Code Supplement section 321E.8 as amended by 2002 Iowa Acts, Senate file 2192, section 36.