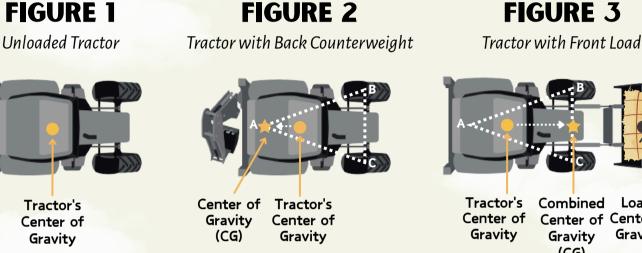


## **CENTER OF GRAVITY**

## TRACTORS



Combined Load's Center of Center of Gravity Gravity (CG)

When the tractor is unloaded (figure 1), the tractor's CG is located between the front axel and the back axel, meaning the tractor is stable.

Additional counterweight (on the back) will cause the tractor's center of gravity (CG) to shift toward point A and result in a tractor that is less stable laterally (figure 2).

When the tractor (or vehicle) has a load in the front, the combined CG shifts toward the front axels (figure 3). In practice, the combined CG should NEVER be in front of the front axel (B-C line).

