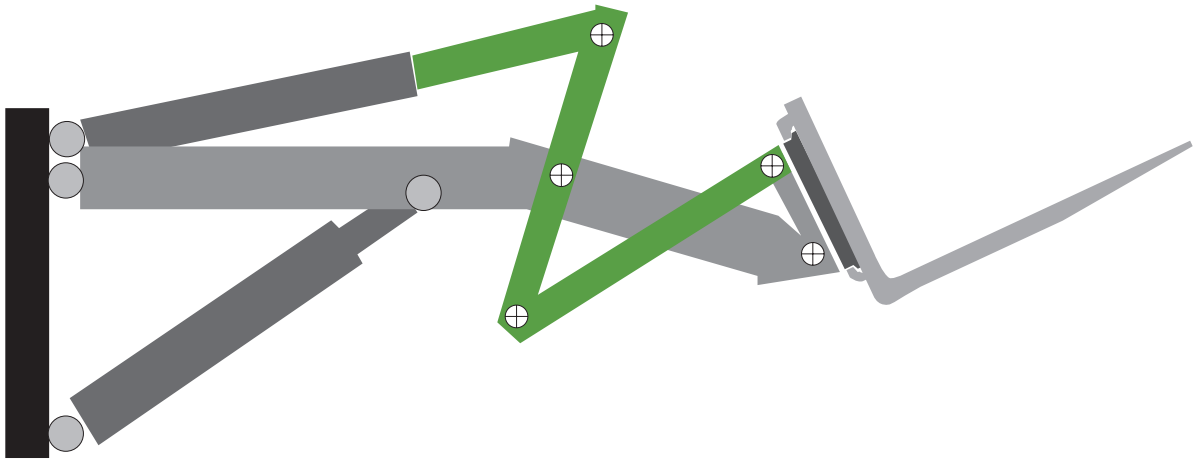


## Z- and P-kinematics for wheel loaders

### Z-kinematics

- Operating principle: > Cylinder extends → Fork carriage tilts back  
 Distinctive feature: > Higher breakout forces can be achieved  
 Application: > Generally standard on current models and larger machines



### P-kinematics

- Operating principle: > Cylinder retracts → Fork carriage tilts back  
 Distinctive feature: > Precise guidance of the working attachments  
 > Lower breakout forces

