

Motor Calibration Sheet—Manual Gear Ratio

Counting Sprockets and Calculating each Chain Ratio

Motor Hex Shaft Sprocket (Driven)	Motor Sprocket (Driver)	Ratio for Motor Chain

Meter Sprocket (Driven)	Row Hex Shaft Sprocket (Driver)	Ratio for Row unit Chain

If system has Reductions or jack shafts, continue below. If not, go to Final Ratio

1st Reduction Sprocket (Driven)	1st Reduction Sprocket (Driver)	1st Reduction Chain Ratio

2nd Reduction Sprocket (Driven)	2nd Reduction Sprocket (Driver)	2nd Reduction Chain Ratio

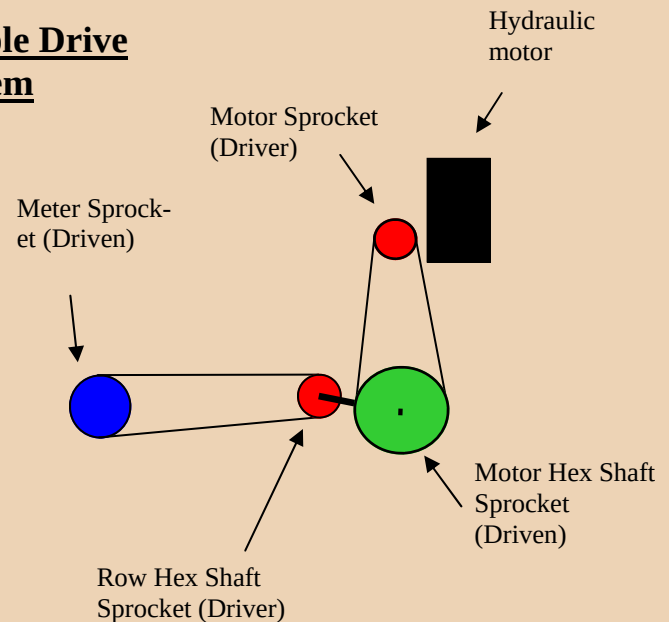
Additional Reductions are handled the same as Reduction 1 & 2

Final Ratio Calculation

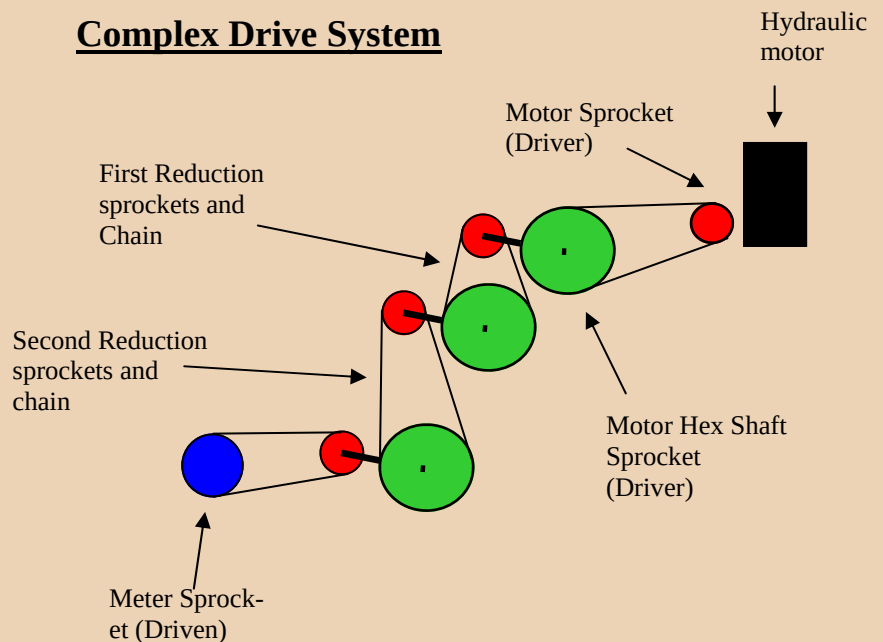
Ratio for Motor Chain	Ratio for Row unit Chain	1st Reduction Chain Ratio	2nd Reduction Chain Ratio	Final Gear Ratio for Motor

If more Chain ratios exist, continue to multiply the ratios together to reach Final Gear Ratio.

Simple Drive System



Complex Drive System



Note: For Cable Drives use the following ratios for the Row Unit ratio:
 JD with boxes = **1.47**
 JD with mini hoppers = **1.50**
 White cable = **2.20**
 Case cable = **2.00**