



4900 Tractor Hydraulic Requirements and Power Beyond (06/17/16)

- #1 SCV: Planter Lift (Red Labels)
- #2 SCV: Markers/Fold (Blue Labels)
- #3 SCV: Weight Distribution/Bulk Fill/Fertilizer (Yellow Labels)
- #4 SCV: Power Pack/Hydraulic Drive (Black Labels)
- #5 and #6 SCV: Vacuum (PTO) (Green Labels)

4900 Front Fold Planter Hydraulic Requirements @ 2350 psi	12R with PTO pump*		12R w/o PTO pump		16R with PTO pump*		16R w/o PTO pump		24R with PTO pump*		24R w/o PTO pump	
	Configuration	GPM**	SCV	GPM**	SCV***	GPM**	SCV	GPM**	SCV***	GPM**	SCV	GPM**
Electric or Hydraulic Drive / Bulk Fill / Vacuum Meters	42	4	57	6	43	4	59	6	44	4	61	6
Electric or Hydraulic Drive / Hoppers / Vacuum Meters	36	4	51	6	36	4	52	6	36	4	53	6
Ground Contact Drive / Bulk Fill / Vacuum Meters	34	3	49	5	35	3	51	5	36	3	53	5
Ground Contact Drive / Hoppers / Vacuum Meters	28	3	43	5	28	3	44	5	28	3	45	5
Ground Contact Drive / Bulk Fill / Mechanical Meters	N/A	3	34	3	N/A	3	35	3	N/A	3	36	3
Ground Contact Drive / Hoppers / Mechanical Meters	N/A	3	28	3	N/A	3	30	3	N/A	3	32	3

* PTO Hydraulic pump supplies oil flow for vacuum hydraulic circuit

** Add 4 GPM when using centrifugal fertilizer pump option

*** Power Beyond use will reduce the number of SCVs by 1. Not recommended - Kinze suggests that if power beyond must be used, only the bulk fill circuit be connected using all three connections (Pressure, Return, Load Sense). Consult your tractor manufacturer for recommendations.

NOTES:

- ALL 4900 Planters require an external case drain hose
- All SCVs should be set to max flow at all times with the exception of the bulk fill circuit on mechanical 4900
- Tractor RPMs not recommended below 1750 RPMs
- Consult your tractor manufacturer to ensure proper connection, hydraulic flow, pressure and heat dissipation