

KINZE 4000 SERIES PLANTERS

Tractor Hydraulic Requirements & Power Beyond

4900:

Planter Lift (red labels)
Markers / Fold (blue labels)
Weight Distribution / Bulk Fill / Fertilizer (yellow labels)
Power Pack / Hydraulic Drive (black labels)
Vacuum (PTO) (green labels)
True Depth (Hydraulic Down Force) (yellow or black)

4700:

Planter Lift / Weight Distribution (red labels)
Markers / Fold (blue labels)
Bulk Fill / Fertilizer (yellow labels)
Power Pack / True Depth (Hydraulic Down Force) (black labels)
Vacuum (PTO) (green labels)

Notes:

- » All 4900 and 4700 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 machines
- » Tractor RPMs not recommended below 1750 RPMs
- » Consult your tractor manufacturer to ensure proper connection, hydraulic flow pressure and heat dissipation

| @ 2350 psi | 4900 12R with PTO Pump ¹ | | 4900 12R w/o PTO Pump | | 4900 16R with PTO Pump ¹ | | 4900 16R w/o PTO Pump | | 4900 24R with PTO Pump ¹ | | 4900 24R w/o PTO Pump | | 4700 36R with PTO Pump ¹ | |
|--|---|------------------|-----------------------------|------------------|---|------------------|-----------------------------|------------------|---|------------------|-----------------------------|------------------|---|------------------|
| Mechanical Configuration | GPM ² | SCV ³ | GPM ² | SCV ³ | GPM ² | SCV ³ | GPM ² | SCV ³ | GPM ² | SCV ³ | GPM ² | SCV ³ | GPM ² | SCV ³ |
| Ground Contact Drive / Row Unit Hoppers / Mechanical Meters | | | 28 | 3 | | | 30 | 3 | | | 32 | 3 | | |
| Ground Contact Drive / Bulk Fill / Mechanical Meters | | | 34 | 3 | | | 35 | 3 | | | 36 | 3 | | |
| Hydraulic Drive / Row Unit Hoppers / Mechanical Meters | | | 38 | 4 | | | 40 | 4 | | | 42 | 4 | | |
| Hydraulic Drive / Row Unit Hoppers / Mechanical Meters / True Depth™ (Hydraulic Down Force) | | | | | | | 44 | 4 | | | 48 | 4 | | |
| Hydraulic Drive / Bulk Fill / Mechanical Meters | | | 44 | 4 | | | 45 | 4 | | | 46 | 4 | | |
| Hydraulic Drive / Bulk Fill / Mechanical Meters / True Depth™ (Hydraulic Down Force) | | | | | | | 49 | 4 | | | 52 | 4 | | |
| Vacuum Configuration | GPM ² | SCV ³ | GPM ² | SCV ³ | GPM ² | SCV ³ | GPM ² | SCV ³ | GPM ² | SCV ³ | GPM ² | SCV ³ | GPM ² | SCV ³ |
| Ground Contact Drive / Row Unit Hoppers / Vacuum Meters | 28 | 3 | 43 | 5 | 28 | 3 | 44 | 5 | 28 | 3 | 45 | 5 | | |
| Ground Contact Drive / Bulk Fill / Vacuum Meters | 34 | 3 | 49 | 6 | 35 | 3 | 51 | 6 | 36 | 3 | 53 | 6 | | |
| Hydraulic Drive / Row Unit Hoppers / Vacuum Meters | 36 | 4 | 51 | 6 | 36 | 4 | 52 | 6 | 36 | 4 | 53 | 6 | | |
| Hydraulic Drive / Row Unit Hoppers / Vacuum Meters / True Depth™ (Hydraulic Down Force) | | | | | 40 | 4 | 56 | 6 | 42 | 4 | 59 | 6 | | |
| Blue Drive™ (Electric Drive) or Hydraulic Drive / Bulk Fill / Vacuum Meters | 42 | 4 | 57 | 6 | 43 | 4 | 59 | 6 | 44 | 4 | 61 | 6 | 52 | 4 |
| Blue Drive™ (Electric Drive) or Hydraulic Drive / Bulk Fill / Vacuum Meters / True Depth™ (Hydraulic Down Force) | | | | | 47 | 4 | | | 52 | 4 | | | 61 | 4 |

¹ PTO Hydraulic pump supplies oil flow for vacuum hydraulic circuit; required for all machines equipped with bulk fill, vacuum, Blue Drive and True Depth.

² Add 4 GPM when using centrifugal fertilizer pump option.

³ Power Beyond use will reduce the number of SCVs by 1. 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.