



3500 Twin-Line[®] Planters - with Mechanical Seed Metering

Base Machine Description

Specification / Feature	Description	6R N 30	8R N 30
Meter Type	---	Mechanical	Mechanical
Row Unit Hopper Capacity	---	1.90 bu.	1.90 bu.
Number of Rows	---	6	8
Row Spacing	---	30"	30"
Width - Transport	---	11'-2"	11'-2"
Width - Planting	---	16'-10"	21'-10"
Length - Transport	---	23'-9"	26'-5"
Length - Planting	---	19'-8"	19'-8"
Height – Transport	---	10'-6"	10'-6"
Weight – Base Machine	---	5,163 lbs.	5,854 lbs.
Planter Type	Pull type; rigid frame; rotating main frame for transport; hydraulic operation	▪	▪
Toolbar	Two parallel 5" x 7" x 180"/188" 1/4" toolbars; rigid frame; lengthened front toolbar (8" at LH end) to accommodate Even-Row Push Row Unit Package	▪	-
	Two parallel 5" x 7" x 240"/248" 1/4" toolbars; rigid frame; lengthened front toolbar (8" at LH end) to accommodate Even-Row Push Row Unit Package	-	▪
Center Post	6" x 6" stainless steel-clad center post with UHMW plastic wear pads; 3" x 48" cylinder	▪	▪
Tongue / Hitch	Three position manual telescoping with adjustable height cast iron double clevis hitch	▪	▪
Tires - Transport	Four 7.50" x 20" 8 ply rib implement tires with custom center groove	▪	▪
Drive System	Two 4.10" x 6" spring-loaded contact tires (# of tires per wing)	1	1
Seed Transmissions	End-mounted, quick-adjust with machined sprockets and No. 40 chain	▪	▪
Drive / Drill Shafts	7/8" hex drive and drill shafts	▪	▪
Hydraulic Lift System	Master / slave rephasing cylinders	2 master 2 slave	2 master 2 slave
Row Marker	Tow-fold, low profile	▪	▪
Marker Blade	16" diameter solid concave blades and cast iron hubs ⇒ Notched 16" diameter marker blades are available from Kinze Repair Parts.	▪	▪
Marker / Fold Control	12 VDC solenoids, control console, mounting bracket, and wire harness	▪	▪
Parking Jack	7,000 lb. side-crank	▪	▪
Safety Chain – Standard	One 20,200 lb. rated 3/8" chain	▪	▪
Transport Lights and Signs	Safety / warning lights with ASAE connector; SMV sign	▪	▪
Kinze Pull Row Units	Double-disc "V" openers; cast inner and formed steel outer scrapers; welded shank with cast lower disc blade mounting; short hopper support panel with parallel linkage; two load-equalizing depth gauge wheel arms with two wheels and 4" x 16" rubber tires; "V" closing wheel arm with 5-position quick-adjust down force spring handle; drive components and meter clutches for plateless meters.	▪	▪



3500 Twin-Line[®] Planters - with Mechanical Seed Metering

Tractor Hydraulic Requirements

Configuration	Requirements		Description
<i>Base Machine with Mechanical Meters.</i>	2 SCV	10 gpm	#1 SCV: planter lift
			#2 SCV: markers / fold (with manual selector valve)



3500 Twin-Line[®] Planters - with EdgeVac[®] Seed Metering

Base Machine Description

Specification / Feature	Description	6R N 30	8R N 30
Meter Type	---	EdgeVac [®]	EdgeVac [®]
Row Unit Hopper Capacity	---	1.75 bu.	1.75 bu.
Number of Rows	---	6	8
Row Spacing	---	30"	30"
Width - Transport	---	11'-2"	11'-2"
Width - Planting	---	16'-10"	21'-10"
Length - Transport	---	23'-9"	26'-5"
Length - Planting	---	19'-8"	19'-8"
Height – Transport	---	10'-6"	10'-6"
Weight – Base Machine	---	5,443 lbs.	6,169 lbs.
Planter Type	Pull type; rigid frame; rotating main frame for transport; hydraulic operation	▪	▪
Toolbar	Two parallel 5" x 7" x 180"/188" 1/4" toolbars; rigid frame; lengthened front toolbar (8" at LH end) to accommodate Even-Row Push Row Unit Package	▪	–
	Two parallel 5" x 7" x 240"/248" 1/4" toolbars; rigid frame; lengthened front toolbar (8" at LH end) to accommodate Even-Row Push Row Unit Package	–	▪
Center Post	6" x 6" stainless steel-clad center post with UHMW plastic wear pads; 3" x 48" cylinder	▪	▪
Tongue / Hitch	Three position manual telescoping with adjustable height cast iron double clevis hitch	▪	▪
Tires - Transport	Four 7.50" x 20" 8 ply rib implement tires with custom center groove	▪	▪
Drive System	Two 4.10" x 6" spring-loaded contact tires (# of tires per wing)	1	1
Seed Transmissions	End-mounted, quick-adjust with machined sprockets and No. 40 chain	▪	▪
Drive / Drill Shafts	7/8" hex drive and drill shafts	▪	▪
Hydraulic Lift System	Master / slave rephasing cylinders	2 master 2 slave	2 master 2 slave
Row Marker	Tow-fold, low profile	▪	▪
Marker Blade	16" diameter solid concave blades and cast iron hubs ↳ Notched 16" diameter marker blades are available from Kinze Repair Parts.	▪	▪
Marker / Fold Control	12 VDC solenoids, control console, mounting bracket, and wire harness	▪	▪
Seed Meters	Includes EdgeVac [®] seed meters (one per row less seed discs) with dust/sun shields, meter drive clutches, No. 41 chain	▪	▪
Vacuum System	20" diameter vacuum fan with mounting components, hydraulic motor, hoses, valves and fittings; 4" diameter wire reinforced vacuum feed hoses; vacuum-formed chamber/distribution manifolds with mounting brackets and hardware; 2" diameter meter vacuum hoses with connectors; and analog and electronic digital (12 VDC) vacuum gauges	▪	▪
Parking Jack	7,000 lb. side-crank	▪	▪
Safety Chain – Standard	One 20,200 lb. rated 3/8" chain	▪	▪
Transport Lights and Signs	Safety / warning lights with ASAE connector; SMV sign	▪	▪
Kinze Pull Row Units	Double-disc "V" openers; cast inner and formed steel outer scrapers; welded shank with cast lower disc blade mounting; short hopper support panel with parallel linkage; two load-equalizing depth gauge wheel arms with two wheels and 4" x 16" rubber tires; "V" closing wheel arm with 5-position quick-adjust down force spring handle; drive components and meter clutches for plateless meters.	▪	▪



3500 Twin-Line[®] Planters - with EdgeVac[®] Seed Metering

Tractor Hydraulic Requirements

Configuration	Requirements		Description
<i>Base Machine with EdgeVac[®] Meters</i> <i>⇒ External case drain required for EdgeVac[®] hydraulic circuit.</i>	3 SCV	25 gpm	#1 SCV: planter lift #2 SCV: markers / fold (with manual selector valve) #3 SCV: EdgeVac [®] fan
<i>Base Machine with EdgeVac[®] Meters</i> <i>Tractor Mounted PTO Hydraulic Pump</i> <i>⇒ Tractor-mounted PTO hydraulic pump supplies oil flow for EdgeVac[®] hydraulic circuit.</i>	2 SCV	15 gpm	#1 SCV: planter lift #2 SCV: markers / fold (with manual selector valve)