



## 3200 Econo-Fold<sup>®</sup> Planters - with Mechanical Seed Metering

### Base Machine Description

Specification / Feature	Description	12R N 30
Meter Type	---	Mechanical
Row Unit Hopper Capacity	---	1.90 bu.
Number of Rows	---	12
Row Spacing	---	30"
Width - Transport	---	16'-2"
Width - Planting	---	31'-4"
Length	---	17'-9"
Height – Transport	---	9'-1"
Weight – Base Machine	---	7,500 lbs.
Planter Type	Pull type; 2-sections; center flex; manual horizontal front fold	▪
Toolbar	7" x 7" x 3/8" toolbar with 2-1/8" diameter wing hinge pins	▪
Wings	two wings (# of rows)	6
Tongue / Hitch	Two 4" x 7" tubes with 2-1/8" diameter flex hinge pins and adjustable height cast iron double clevis hitch	▪
Tires	Six 7.50" x 20" 8 ply	▪
Drive System	Two 4.10" x 6" spring-loaded contact drive tires with No. 40 chain (# of tires per wing)	1
Seed Transmissions	Two end-mounted, quick-adjust with machined sprockets and No. 40 chain	▪
Drive / Drill Shafts	7/8" hex drive/drill shafts with spring-loaded, hardened wing couplers	▪
Hydraulic Lift System	Master / slave rephasing cylinders	2 master 2 slave
Row Marker	Low profile, three-fold	▪
Marker Blade	16" diameter solid concave blade with cast iron 4-bolt hub and metal depth band on blades ⇒ Notched 16" diameter marker blades are available from Kinze Repair Parts.	▪
Marker / Fold Control	Hydraulic alternating sequence valve with flow controls	▪
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.	▪



## 3200 Econo-Fold® Planters - with Mechanical Seed Metering

### Tractor Hydraulic Requirements

Configuration	Requirements		Description
<i>Base Machine With Mechanical Meters</i>	2 SCV	15 gpm	#1 SCV: planter lift
			#2 SCV: markers
<i>Base Machine With Mechanical Meters Hydraulic Fold</i>	2 SCV	15 gpm	#1 SCV: planter lift
			#2 SCV: markers / fold (with manual selector valve)



## 3200 Econo-Fold<sup>®</sup> Planters - with EdgeVac<sup>®</sup> Seed Metering

### Base Machine Description

Specification / Feature	Description	12R N 30
<i>Meter Type</i>	---	EdgeVac <sup>®</sup>
<i>Row Unit Hopper Capacity</i>	---	1.75 bu.
<i>Number of Rows</i>	---	12
<i>Row Spacing</i>	---	30"
<i>Width - Transport</i>	---	16'-2"
<i>Width - Planting</i>	---	31'-4"
<i>Length</i>	---	17'-9"
<i>Height – Transport</i>	---	9'-1"
<i>Weight – Base Machine</i>	---	8,066 lbs.
<i>Planter Type</i>	Pull type; 2-sections; center flex; manual horizontal front fold	▪
<i>Toolbar</i>	7" x 7" x 3/8" toolbar with 2-1/8" diameter wing hinge pins	▪
<i>Wings</i>	two wings (# of rows)	6
<i>Tongue / Hitch</i>	Two 4" x 7" tubes with 2-1/8" diameter flex hinge pins and adjustable height cast iron double clevis hitch	▪
<i>Tires</i>	Six 7.50" x 20" 8 ply	▪
<i>Drive System</i>	Two 4.10" x 6" spring-loaded contact drive tires with No. 40 chain (# of tires per wing)	1
<i>Seed Transmissions</i>	Two end-mounted, quick-adjust with machined sprockets and No. 40 chain	▪
<i>Drive / Drill Shafts</i>	7/8" hex drive/drill shafts with spring-loaded, hardened wing couplers	▪
<i>Hydraulic Lift System</i>	Master / slave rephasing cylinders	2 master 2 slave
<i>Row Marker</i>	Low profile, three-fold	▪
<i>Marker Blade</i>	16" diameter solid concave blade with cast iron 4-bolt hub and metal depth band on blades ⇒ Notched 16" diameter marker blades are available from Kinze Repair Parts.	▪
<i>Marker / Fold Control</i>	Hydraulic alternating sequence valve with flow controls	▪
<i>Seed Meters</i>	Includes EdgeVac <sup>®</sup> seed meters (one per row less seed discs) with dust/sun shields, meter drive clutches, No. 41 chain	▪
<i>Vacuum System</i>	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	▪
<i>Parking Jack</i>	7,000 lb. side-crank	▪
<i>Safety Chain – Standard</i>	One 20,200 lb. rated 3/8" chain	▪
<i>Transport Lights and Signs</i>	Safety / warning lights with ASAE connector; SMV sign	▪
<i>Kinze Pull Row Units</i>	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.	▪



## 3200 Econo-Fold<sup>®</sup> Planters - with EdgeVac<sup>®</sup> Seed Metering

### Tractor Hydraulic Requirements

Configuration	Requirements		Description
<i>Base Machine with EdgeVac<sup>®</sup> Meters</i> ⇒ External case drain required for EdgeVac <sup>®</sup> hydraulic circuit.	3 SCV	30 gpm	#1 SCV: planter lift
			#2 SCV: markers
			#3 SCV: vacuum fan
<i>Base Machine with EdgeVac<sup>®</sup> Meters</i> <i>Hydraulic Fold</i> ⇒ External case drain required for EdgeVac <sup>®</sup> hydraulic circuit.	3 SCV	30 gpm	#1 SCV: planter lift
			#2 SCV: markers / fold (with manual selector valve)
			#3 SCV: EdgeVac <sup>®</sup> fan