

3800 Forward Folding Planters

Base Machine Description

Specification / Feature	Description	24R N 30
Meter Type	---	mechanical
Row Unit Hopper Capacity	---	1.90 bu.
Number of Rows	---	24
Row Spacing	---	30"
Width – Shipping	→ This width will require special overwidth or oversize permits/escorts in some states/provinces. Check local/state/provincial regulations. → See Policy Bulletin POL5-06 for additional shipping information.	13'-9"
Width – Transport	→ Transport width with optional granular chemical attachments is 15'-9".	14'-1"
Width – Planting	---	63'-1"
Length – Transport	---	41'-3"
Length – Planting	---	25'-9"
Height – Transport	→ Transport height does not include the row marker option.	10'-5"
Weight – Base Machine	---	25,500 lb.
Planter Type	semi-mounted/pull type; forward folding toolbar; hydraulic operation	•
Toolbar	7" x 7" x 3/8" center section and outer wings with 2 1/4" hinge pins; 7" x 7" x 1/2" inner wings (if applicable) with 2 3/4" hinge pins; all wings reinforced with two 3" x 3" x 1/4" tubes	•
Center Section	6-row center section	•
Wings	two wings (# of rows)	9
Flexibility	10° of flex up and down at each wing	•
Tires – Transport	two 445-50R 22.5 20PR radial load range L	•
Tires – Center Section (Field Operation)	four 41 x 11R 22.5 radial load range H	•
Tires – Wing (Field Operation)	six 7.50" x 20" 8 ply custom rib implement (# per wing)	3
Drive System	dual motor, 2-section hydraulic drive with No. 40 chain standard single row air clutches in eight sections	•
Drive / Drill Shafts	7/8" hex drive/drill shafts with telescoping wing couplers	•
PMM Electronic Seed Monitor	includes planter monitor module (PMM) and planter power harness and seed tubes with computerized "smart" sensor, tie wraps and seed tube brush. Requires Kinze Display Package or customer supplied Ag Leader Integra display with associated cab harnesses; Package includes planter-mounted module enclosure with cover, mounting hardware and implement cable	•
Hydraulic Drive	factory-installed hydraulic drive with hydraulic drive module	•

Specification / Feature	Description	24R N 30
<i>Air Clutches</i>	single row air clutches programmed in eight 3-row sections for Ag Leader Integra Display and four 6-row sections for Kinze Cobalt™ Display	•
<i>Air Compressor</i>	includes 12 VDC air compressor with three gallon capacity air tank; mounting components and shields; and wiring harnesses to power compressor from tractor battery circuit	•
<i>Hydraulic Lift System (Field Operation)</i>	master / slave rephasing with assist cylinders (10 cylinders)	4 master 4 slave 2 assist
<i>Parking Jack</i>	manual parking stand	•
<i>Safety Chain – Standard</i>	one 60,600 lb. rated 5/8" chain	•
<i>Transport Lights and Signs</i>	safety / warning lights with ASAE connector and wiring; 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	•

Tractor Hydraulic Requirements

Configuration	Requirements		Description
	SCV	gpm	
<i>Base machine with mechanical meters Hydraulic seed rate control</i>	3 SCV	25 gpm	#1 SCV: planter lift
			#2 SCV: fold (with 12v control console)
			#3 SCV: hydraulic seed rate control
<i>Base machine with mechanical meters Hydraulic seed rate control Row markers</i>	4 SCV	30 gpm	#1 SCV: planter lift
			#2 SCV: fold (with 12v control console)
			#3 SCV: hydraulic seed rate control
			#4 SCV: markers

3800 ASD Forward Folding Planters

Base Machine Description

Specification / Feature	Description	24R N 30
Meter Type	---	mechanical
Total Hopper Capacity	---	110 bu.
Number of Rows	---	24
Row Spacing	---	30"
Width – Shipping	→ This width will require special overwidth or oversize permits/escorts in some states/provinces. Check local/state/provincial regulations. → See Policy Bulletin POL5-06 for additional shipping information.	13'-9"
Width – Transport	→ Transport width with optional granular chemical attachments is 15'-9".	14'-1"
Width – Planting	---	63'-1"
Length – Transport	---	42'-6"
Length – Planting	---	27'-0"
Height – Transport	→ Transport height does not include the row marker option.	13'-5"
Weight – Base Machine	---	28,040 lb.
ASD Fill Height	ASD fill height in planting position	8'-5"
Planter Type	semi-mounted/pull type; forward folding toolbar; hydraulic operation	•
Toolbar	7" x 7" x 3/8" center section and outer wings with 2 1/4" hinge pins; 7" x 7" x 1/2" inner wings (if applicable) with 2 3/4" hinge pins; all wings reinforced with two 3" x 3" x 1/4" tubes	•
Center Section	6-row center section	•
Wings	two wings (# of rows)	9
Flexibility	10° of flex up and down at each wing	•
Tires – Transport	four 445-50R 22.5 "super single" transport tires	•
Tires – Center Section (Field Operation)	four 41 x 11R 22.5 radial load range H	•
Tires – Wing (Field Operation)	six 7.50" x 20" 8 ply custom rib implement (# per wing)	3
Drive System	dual motor, 2-section hydraulic drive with No. 40 chain standard single row air clutches in eight sections	•
Drive / Drill Shafts	7/8" hex drive/drill shafts with telescoping wing couplers	•
Seed Delivery System	Air Seed Delivery (ASD) system featuring two centrally mounted 55 bushel seed hoppers, seed manifold, hydraulically operated fan with hoses, row unit mini-hoppers, mounting brackets, required fittings, and large catwalk with ladder	•

Specification / Feature	Description	24R N 30
<i>PMM Electronic Seed Monitor</i>	includes planter monitor module (PMM) and planter power harness and seed tubes with computerized "smart" sensor, tie wraps and seed tube brush. Requires Kinze Display Package or customer supplied Ag Leader Insight® display with associated cab harnesses; Package includes planter-mounted module enclosure with cover, mounting hardware and implement cable	•
<i>Hydraulic Drive</i>	factory-installed hydraulic drive with hydraulic drive module	•
<i>Air Clutches</i>	single row air clutches programmed in eight 3-row sections for Kinze Vision® Display and four 6-row sections for Kinze Cobalt™ Display	•
<i>Air Compressor</i>	includes 12 VDC air compressor with 3 gallon capacity air tank; mounting components and shields; and wiring harnesses to power compressor from tractor battery circuit	•
<i>Hydraulic Lift System (Field Operation)</i>	master / slave rephasing with assist cylinders (10 cylinders)	4 master 4 slave 2 assist
<i>Parking Jack</i>	manual parking stand	•
<i>Safety Chain – Standard</i>	one 60,600 lb. rated 5/8" chain	•
<i>Transport Lights and Signs</i>	safety / warning lights with ASAE connector and wiring; 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	•

Tractor Hydraulic Requirements

Configuration	Requirements		Description
<i>Base machine with mechanical meters Hydraulic seed rate control Air seed delivery (ASD) system</i>	4 SCV	40 gpm	#1 SCV: planter lift
			#2 SCV: fold
			#3 SCV: hydraulic seed rate control
			#4 SCV: air seed delivery system
<i>Base machine with mechanical meters Hydraulic seed rate control Air seed delivery (ASD) system Row markers</i>	5 SCV → SCV requirements can be reduced to four by ordering G1K495, Marker/Fold Circuit Selector Kit, from Kinze Repair Parts. This kit combines the marker and fold functions for operation by one SCV control.	40 gpm	#1 SCV: planter lift
			#2 SCV: fold
			#3 SCV: hydraulic seed rate control
			#4 SCV: air seed delivery system
			#5 SCV: markers

3800 Forward Folding Planters

Base Machine Description

Specification / Feature	Description	24R N 30
Meter Type	---	EdgeVac®
Row Unit Hopper Capacity	---	1.75 bu.
Number of Rows	---	24
Row Spacing	---	30"
Width – Shipping	→ This width will require special overwidth or oversize permits/escorts in some states/provinces. Check local/state/provincial regulations. → See Policy Bulletin POL5-06 for additional shipping information.	13'-9"
Width – Transport	→ Transport width with optional granular chemical attachments is 15'-9".	14'-1"
Width – Planting	---	63'-1"
Length – Transport	---	41'-3"
Length – Planting	---	25'-9"
Height – Transport	→ Transport height does not include the row marker option.	10'-5"
Weight – Base Machine	---	27,050 lb.
Planter Type	semi-mounted/pull type; forward folding toolbar; hydraulic operation	•
Toolbar	7" x 7" x 3/8" center section and outer wings with 2 1/4" hinge pins; 7" x 7" x 1/2" inner wings (if applicable) with 2 3/4" hinge pins; all wings reinforced with two 3" x 3" x 1/4" tubes	•
Center Section	6-row center section	•
Wings	two wings (# of rows)	9
Flexibility	10° of flex up and down at each wing	•
Tires – Transport	two 445-50R 22.5 20PR radial load range L	•
Tires – Center Section (Field Operation)	four 41 x 11R 22.5 radial load range H	•
Tires – Wing (Field Operation)	six 7.50" x 20" 8-ply custom rib implement (# per wing)	3
Drive System	dual motor, 2-section hydraulic drive with No. 40 chain; standard single row air clutches in 8 sections	•
Drive / Drill Shafts	7/8" hex drive/drill shafts with telescoping wing couplers	•
Seed Meters	includes EdgeVac® seed meters (one per row less seed discs) with dust/sun shields, meter drive clutches, No. 41 chain	•
PTO Hydraulic Pump	two-section, 1000 RPM, planter-mounted 1 3/4"-20 spline PTO-driven pump; eight gallon capacity oil reservoir; hoses and fittings; brackets and associated hardware	•

Specification / Feature	Description	24R N 30
<i>Vacuum System</i>	two 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>PMM Electronic Seed Monitor</i>	includes planter monitor module (PMM) and planter power harness and seed tubes with computerized "smart" sensor, tie wraps and seed tube brush. Requires Kinze Display Package or customer supplied Ag Leader Integra display with associated cab harnesses; package includes planter-mounted module enclosure with cover, mounting hardware and implement cable	•
<i>Hydraulic Drive</i>	factory-installed hydraulic drive with hydraulic drive module	•
<i>Air Clutches</i>	single row air clutches programmed in eight 3-row sections for Ag Leader Integra Display and four 6-six row sections for Kinze Cobalt® Display	•
<i>Air Compressor</i>	includes 12 VDC air compressor with three gallon capacity air tank; mounting components and shields; and wiring harnesses to power compressor from tractor battery circuit	•
<i>Hydraulic Lift System (Field Operation)</i>	master / slave rephasing with assist cylinders (10 cylinders)	4 master 4 slave 2 assist
<i>Parking Jack</i>	manual parking stand	•
<i>Safety Chain – Standard</i>	one 60,600 lb. rated 5/8" chain	•
<i>Transport Lights and Signs</i>	safety / warning lights with ASAE connector and wiring; 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	•

Tractor Hydraulic Requirements

Configuration	Requirements		Description
<i>Base machine with EdgeVac® meters</i> <i>Hydraulic seed rate control</i> <i>Planter mounted PTO hydraulic pump</i> → <i>Planter-mounted PTO hydraulic pump supplies oil flow for EdgeVac hydraulic circuit.</i>	3 SCV	30 gpm	#1 SCV: planter lift
			#2 SCV: fold
			#3 SCV: hydraulic seed rate control
<i>Base machine with EdgeVac® meters</i> <i>Hydraulic seed rate control</i> <i>Row markers</i> <i>Planter mounted PTO hydraulic pump</i> → <i>Planter-mounted PTO hydraulic pump supplies oil flow for EdgeVac hydraulic circuit.</i>	4 SCV	30 gpm	#1 SCV: planter lift
			#2 SCV: fold
			#3 SCV: hydraulic seed rate control
			#4 SCV: markers

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Total Hopper Capacity	---	110 bu.
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Row Spacing	---	30"
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Width – Transport	→ Transport width with optional granular chemical attachments is 15'-9".	14'-1"
Width – Planting	---	63'-1"
Length – Transport	---	42'-6"
Length – Planting	---	27'-0"
Height – Transport	→ Transport height does not include the row marker option.	13'-5"
Weight – Base Machine	---	29,590 lb.
ASD Fill Height	ASD fill height in planting position	8'-5"
Planter Type	semi-mounted/pull type; forward folding toolbar; hydraulic operation	•
Toolbar	7" x 7" x 3/8" center section and outer wings with 2 1/4" hinge pins; 7" x 7" x 1/2" inner wings (if applicable) with 2 3/4" hinge pins; all wings reinforced with two 3" x 3" x 1/4" tubes	•
Center Section	6-row center section	•
Wings	two wings (# of rows)	9
Flexibility	10° of flex up and down at each wing	•
Tires – Transport	four 445-50R 22.5 20PR radial load range L	•
Tires – Center Section (Field Operation)	four 41 x 11R 22.5 radial load range H	•
Tires – Wing (Field Operation)	six 7.50" x 20" 8 ply custom rib implement (# per wing)	3
Drive System	dual motor, 2 section hydraulic drive with No. 40 chain standard single row air clutches in eight sections	•
Drive / Drill Shafts	7/8" hex drive/drill shafts with telescoping wing couplers	•
Seed Meters	includes EdgeVac® seed meters (one per row less seed discs) with dust/sun shields, meter drive clutches, No 41 chain	•
PTO Hydraulic Pump	two-section, 1000 RPM, planter-mounted 1 3/4"-20 spline PTO-driven pump; eight gallon capacity oil reservoir; hoses and fittings; brackets and associated hardware	•

Specification / Feature	Description	24R N 30
<i>Vacuum System</i>	two 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 (12VDC) vacuum gauges	•
<i>Seed Delivery System</i>	Air Seed Delivery (ASD) system featuring two centrally mounted 55 bushel seed hoppers, seed manifold, hydraulically operated fan with hoses, row unit mini-hoppers, mounting brackets, required fittings, and large catwalk with ladder	•
<i>PMM Electronic Seed Monitor</i>	includes planter monitor module (PMM) and planter power harness and seed tubes with computerized "smart" sensor, tie wraps and seed tube brush. Requires Kinze Display Package or customer supplied Ag Leader Integra display with associated cab harnesses; package includes planter-mounted module enclosure with cover, mounting hardware and implement cable	•
<i>Hydraulic Drive</i>	factory-installed hydraulic drive with hydraulic drive module.	•
<i>Air Clutches</i>	single row air clutches programmed in eight 3-row sections for Ag Leader Integra Display and four 6-six row sections for Kinze Cobalt® Display	•
<i>Air Compressor</i>	includes 12 VDC air compressor with three gallon capacity air tank; mounting components and shields; and wiring harnesses to power compressor from tractor battery circuit.	•
<i>Hydraulic Lift System (Field Operation)</i>	master / slave rephasing with assist cylinders (10 cylinders)	4 master 4 slave 2 assist
<i>Parking Jack</i>	manual parking stand	•
<i>Safety Chain – Standard</i>	one 60,600 lb. rated 5/8" chain	•
<i>Transport Lights and Signs</i>	safety / warning lights with ASAE connector and wiring; 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	•

Tractor Hydraulic Requirements

Configuration	Requirements		Description
Base machine with EdgeVac® meters Hydraulic seed rate control Air seed delivery (ASD) system Planter mounted PTO hydraulic pump → Planter-mounted PTO hydraulic pump supplies oil flow for EdgeVac hydraulic circuit.	4 SCV	45 gpm	#1 SCV: planter lift #2 SCV: fold #3 SCV: hydraulic seed rate control #4 SCV: air seed delivery system
Base machine with EdgeVac® meters Hydraulic seed rate control Air seed delivery (ASD) system Row markers Planter mounted PTO hydraulic pump → Planter-mounted PTO hydraulic pump supplies oil flow for EdgeVac hydraulic circuit.	5 SCV → SCV requirements can be reduced to four by ordering G1K495, Marker/Fold Circuit Selector Kit, from Kinze Repair Parts. This kit combines the marker and fold functions for operation by one SCV control.	45 gpm	#1 SCV: planter lift #2 SCV: fold #3 SCV: hydraulic seed rate control #4 SCV: air seed delivery system #5 SCV: markers