

## 3700 Front Folding Planters

### Base Machine Description

Specification / Feature	Description	24R 20	24R N 30
Meter Type	---	mechanical	mechanical
Row Unit Hopper Capacity	---	1.90 bu.	1.90 bu.
Number of Rows	---	24	24
Row Spacing	---	20"	30"
Width – Shipping	→ 3700 planters are shipped without row unit closing wheel arm installed allowing for narrower shipping width.	11'-11"	11'-2"
Width – Transport	→ 14'-0" if equipped with granular chemical attachments.	13'-3"	13'-0"
Width – Planting	---	43'-11"	62'-9"
Length – Transport	---	32'-0"	36'-11"
Length – Planting	---	27'-4"	30'11"
Height – Transport	---	10'-9"	11'-7"
Weight – Base Machine	---	18,300 lb.	20,348 lb.
Planter Type	pull type; forward folding toolbars for transport - hydraulic operation - 2-section - center flex	•	•
Toolbar	7" x 7" x 720" (½") overhead truss		•
Tongue / Hitch	telescoping, hydraulically operated 10" x 10" x ¾" with hydraulic operated parallel link forward tongue section; adjustable height single clevis swivel hitch	•	•
Tires – Transport	four 36 x 16-17.5 rib duplex 14-ply rubeless		•
	four 255-70R 22.5 radial load range "H" tubeless rib implement tires	•	
Tires – Wing / Lift	four 255 - 70R 22.5 radial load range 'H' tubeless rib implement ground drive tires	•	•
Drive System	four 4.80" x 8" spring-loaded contact drive tires (# of tires per wing)	2	2
Seed Transmissions	two end-mounted, quick-adjust with #40 chain	•	•
Electric Point Row Clutch	standard (allows half planter width planting control)	•	•
Drive / Drill Shafts	7/8" hex drive and drill shafts	•	•
Hydraulic Lift System	master / slave rephasing cylinders	4 master 2 slave	4 master 2 slave
Parking Jack	10,000 lb. drop-leg, 2-speed, side-crank	•	•
Safety Chain – Standard	one 60,600 lb. rated 5/8" chain	•	•
Transport Lights and Signs	safety / warning lights with ASAE connector; SMV sign	•	•

Specification / Feature	Description	24R 20	24R N 30
<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</i>	2 SCV	15 gpm

## 3700 ASD Front Folding Planters

### Base Machine Description

Specification / Feature	Description	24R N 30	36R 20
MeterType	---	mechanical	mechanical
Total Hopper Capacity	---	110 bu.	110 bu.
Number of Rows	---	24	36
Row Spacing	---	30"	20"
Width – Shipping	→ 3700 planters are shipped without row unit closing wheel arm installed allowing for narrower shipping width. → 3700 ASD planters have light brackets in shipping location for narrower width	13'-3"	13'-3"
Width – Transport	→ 14'-0" if equipped with granular chemical attachments.	13'-8"	13'-8"
Width – Planting	---	62'-9"	63'-9"
Length – Transport	---	40'-2"	40'-2"
Length – Planting	---	30'-11"	30'-11"
Height – Transport	---	13'-0"	12'-10"
Weight – Base Machine	---	25,180 lb.	26,872 lb.
ASD Fill Height	ASD fill height in planting position	8'-7"	8'-7"
Planter Type	pull type; forward folding toolbars for transport - hydraulic operation - 2-section - center flex	•	•
Toolbar	7" x 7" x 720" (½") overhead truss	•	•
Tongue / Hitch	telescoping, hydraulically operated 10" x 10" x ¾" with hydraulic operated parallel link forward tongue section; adjustable height single clevis swivel hitch	•	•
Tires – Transport	four 36 x 16-17.5 rib duplex 14-ply tubeless	•	•
Tires – Wing / Lift	255 - 70R 22.5 radial load range 'H' tubeless rib implement ground drive tires (# of tires per wing)	2	3
Drive System	four 4.80" x 8" spring-loaded contact drive tires (# of tires per wing)	2	2
Seed Transmissions	two end-mounted, quick-adjust with #40 chain	•	•
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	•	•
Electric Point Row Clutch	standard (allows half planter width planting control)	•	•
Drive / Drill Shafts	7/8" hex drive and drill shafts	•	•
Hydraulic Lift System	master / slave rephasing cylinders	4 master 2 slave	4 master 2 slave
Parking Jack	10,000 lb. drop-leg, 2-speed, side-crank	•	•
Safety Chain – Standard	one 60,600 lb. rated 5/8" chain	•	•

Specification / Feature	Description	24R N 30	36R 20
<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	•	•

## Tractor Hydraulic Requirements

Configuration	Requirements		Description
	<i>Base machine with mechanical meters</i> <i>Air seed delivery (ASD) system</i>	3 SCV	30 gpm

## 3700 Front 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	→ 3700 planters are shipped without row unit closing wheel arm installed allowing for narrower shipping width.	11'-2"
Width – Transport	→ 14'-0" if equipped with granular chemical attachments.	13'-0"
Width – Planting	---	62'-9"
Length – Transport	---	36'-11"
Length – Planting	---	30'-11"
Height – Transport	---	11'-7"
Weight – Base Machine	---	21,743 lb.
Planter Type	pull type; forward folding toolbars for transport - hydraulic operation - 2-section - center flex	•
Toolbar	7" x 7" x 720" (½") overhead truss	•
Tongue / Hitch	telescoping, hydraulically operated 10" x 10" x ¾" with hydraulic operated parallel link forward tongue section; adjustable height single clevis swivel hitch	•
Tires – Transport	four 36 x 16-17.5 rib duplex 14-ply tubeless	•
Tires – Wing / Lift	four 255 - 70R 22.5 radial load range 'H' tubeless rib implement ground drive tires	•
Drive System	four 4.80" x 8" spring-loaded contact drive tires (# of tires per wing)	2
Seed Transmissions	two end-mounted, quick-adjust with #40 chain	•
Electric Point Row Clutch	standard (allows half planter width planting control)	•
Drive / Drill Shafts	7/8" hex drive and drill shafts	•
Seed Meters	includes EdgeVac® seed meters (one per row less seed discs) with dust/sun shields, meter drive clutches, No. 41 chain	•
Vacuum System → Required: Contact Rowe Manufacturing to order and purchase tractor specific PTO pump mount 1-800-554-4123 or www.rowemfg.com	two 20" diameter vacuum fans with mounting components, hydraulic motor, hoses, valves and fittings; 2-section 1000 RPM PTO Pump; 20 gallon capacity oil reservoir hoses and fittings; 4" diameter wire-reinforced vacuum feed hoses; vacuum-formed chamber/distribution manifolds with mounting brackets and hardware; 2" diameter meter hoses with connectors; and analog and electronic digital (12 VDC) vacuum gauges	•
Hydraulic Lift System	master / slave rephasing cylinders	4 master 2 slave

Specification / Feature	Description	24R N 30
<i>Parking Jack</i>	10,000 lb. drop-leg, 2-speed, side-crank	•
<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; 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>Tractor mounted PTO hydraulic pump</i> → <i>Tractor-mounted PTO hydraulic pump supplies oil flow for EdgeVac hydraulic circuit.</i>	2 SCV	15 gpm