

KINZE®

650 HARVEST COMMANDER® GRAIN AUGER WAGON

700 BUSHEL CAPACITY. UNMATCHED STRENGTH AND STABILITY. UNLOAD IN LESS THAN 2½ MINUTES!

And the best part? The 650 requires no chains, no sprockets ... and little daily maintenance. The unique, dual auger unloading system features "On-Demand" positive drive; a system that ensures natural unrestricted grain flow, greater efficiency and better horsepower utilization. It's simple and efficient! A PTO-powered 4-band multi-strand V-belt does it all ... On-Demand!



300 bushels/minute unloading speeds

Classic, low-profile design

Standard, vertical auger-mounted auxiliary work light



Adjustable wheel spacings 108" or 120" center-to-center

Low maintenance

The vertical auger is direct-driven through a cast iron 90° gearbox with precision-cut gears (2:1 drive reduction ratio). Using the "On-Demand" V-belt drive, the input shaft of the gearbox powers a full-length 14" diameter horizontal floor auger. The auger can be easily removed for service through an opening at the rear of the wagon. An overrunning clutch, in the PTO shaft, allows the auger system to freewheel, protecting the tractor and wagon against possible shock damage. An ON/OFF indicator shows position of the V-belt tension idler.



Lower horsepower required per bushel



The large 16" diameter full pitch vertical augers feature industrial full tilt flighting and are easy to remove for inspection or replacement. A carrier bearing is mounted within an 8" diameter center tube to reduce grain restriction and wear. A spring-loaded upper bearing — pioneered by KINZE — allows top and bottom sections to easily self-align when going from field folded to unloading position. An over-center mechanism locks the auger in the unloading position.



Superior clean-out

12' 6" unloading height



Outstanding flotation! 16-ply tires.

Choose 24.5" x 32" R-3 (diamond tread), 30.5" x 32" R-1 (traction tread) or 30.5" x 32" R-3 (diamond tread).

SMOOTH FREE-FLOW DESIGN. FAST, EASY CLEAN-OUT.



All 50 Series KINZE wagons include full safety grating over the lower grain tank.

- **No “ledges” inside the tank.** And, the outside joints create a drip-edge to help prevent moisture from “wicking” into the grain. A 40° side and rear panel slope improves grain flow. Small, rounded wheel wells provide excellent tire-to-grain tank clearance. Durable powder-coating provides a smooth, finished appearance and superior protection – no unpainted joints to bleed rust.



- **Built-in clean-out tool.** A “clean-out sweep” helps remove any grain remaining under the horizontal auger. Two connecting 8 foot push rods used for the “sweep” conveniently store inside the frame under the grain tank.



- **Large front and rear windows** make it easy to monitor grain levels and they provide a limited view through the wagon.

- **ASAE/ANSI compliant safety/warning lights and reflective decals.**

- **Standard 60,600 lb. rated safety chain.**



- **Optional Electronic Scale Package.**

The system includes two 3¾" weigh spindles, one 2½" hitch weigh beam with mounting components, junction box, cables and Digi-Star® EZ 2000 printer-ready console.



Optional Data Down Loader Kit



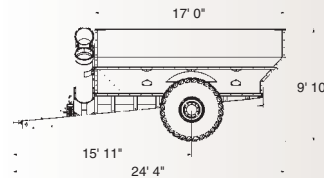
SPECIFICATIONS

TOTAL CAPACITY*	700 Bushels
BU/MIN — AVERAGE*	300 bu/min
VERTICAL AUGER	16" Full Tilt - Full Pitch L.H.
FLIGHTING — Thickness	¾"
TUBE — Vertical Auger	18" O.D. - 10 gauge
BEARINGS — Vertical Auger	2"
HORIZ. AUGER — Front	14" Full Pitch L.H.
HORIZ. AUGER — Rear	14" ¾ Pitch L.H.
HORIZ. AUGER — Length	16' 3"
FLIGHTING — Thickness	¾"
BEARINGS — Horiz. Auger	(2) 6-bolt Cast Iron Hubs w/Tapered Roller Bearings
GEARBOX	Cast Iron - 90°/2" - 5 Pitch Cut Gears - 2:1 Ratio
DRIVE BELT	One 4-band, Multi-strand V-belt
DRIVE SHEAVES	4 Groove - 7½" Drive/15" Driven
PTO — 1000 RPM	120 HP Rated with 4-Lobe Overrunning Clutch/U-joint with 5/16" Shear Bolt
PTO YOKE	Specify choice of 1⅜" - 21 Spline or 1¾" - 20 Spline
FLOW GATE	Optional
SPINDLES	3¾" - High Strength (2)
HUBS	10-Bolt
TIRES	(2) 24.5" x 32" 16-Ply R-3 or (2) 30.5" x 32" 16-Ply R-1 or R-3
HITCH CLEVIS	Specify choice of double clevis or single clevis swivel hitches. (All models except electronic scale equipped machines.)

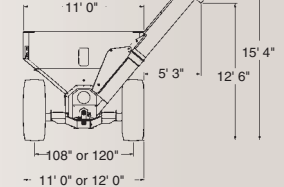
* Approximate with 15% moisture corn. Capacity & bu/min vary with moisture content of grain and/or PTO rpm.

NOTE: 650 Grain Auger Wagons include front and rear windows, grain tank safety grates, safety/warning lights, vertical auger-mounted auxiliary light, SMV sign, safety chain, parking jack and all hydraulic hoses with ISO couplers (4).

Field Folded



Unloading



DIMENSIONS / WEIGHTS

TIRE SIZE	24.5" x 32" R-3	30.5" x 32" R-3
TIRES CENTER-TO-CENTER	108" or 120"	108" or 120"
TRANSPORT WIDTH		
— 108" Narrow Setting	11' 0"	11' 6"
— 120" Wide Setting	12' 0"	12' 6"
WIDTH, Grain Tank	11' 0"	11' 0"
LENGTH, Grain Tank	17' 0"	17' 0"
HEIGHT, Grain Tank	9' 10"	9' 10"
LENGTH, Total	24' 4"	24' 4"
HEIGHT, Grain Discharge	12' 6"	12' 6"
WEIGHT, Empty	9847 Lbs	9999 Lbs*
HITCH WEIGHT, Empty	2000 Lbs	2000 Lbs
HITCH WEIGHT, Loaded	2300 Lbs	2300 Lbs

*Deduct 106 lbs. if equipped with 30.5" x 32" R-1 tires.

Hydraulic Flow Gate Package (Dealer-installed): Includes flow gates, operating mechanism and linkage, mounting brackets and hardware, 2" x 8" externally mounted hydraulic cylinder, hoses and fittings. Recommended only for crops that do not flow easily, such as rice. Not intended as a constant-use shut-off device.

Electronic Scale Packages: Electronic scale options include (2) 3¾" weigh spindles, 2½" hitch weigh beam, junction box, cables and EZ 2000 printer-ready electronic scale console. All electronic scale models are equipped with single clevis hitch. Scale componentry is used in lieu of standard hitch clevis/wheel spindles.

Dot Matrix Roll Printer: Includes printer and required cables. Will print out individual load information, including load identification number, time, date and weight.

Data Down Loader Kit: Includes data utility software to run computer with Windows 98/2000 operating systems, computer interface cable, data down loader module and module cable. Module will store up to 1600 lines (64 bytes) of load data including load ID number, time, date and weight.