

OFFERING PRECISION PLANTING IN 20" OR 22" ROW SPACINGS ... AND, "ULTRA-NARROW" 10" OR 11" ROWS WITH THE KINZE® INTERPLANT® SYSTEM.

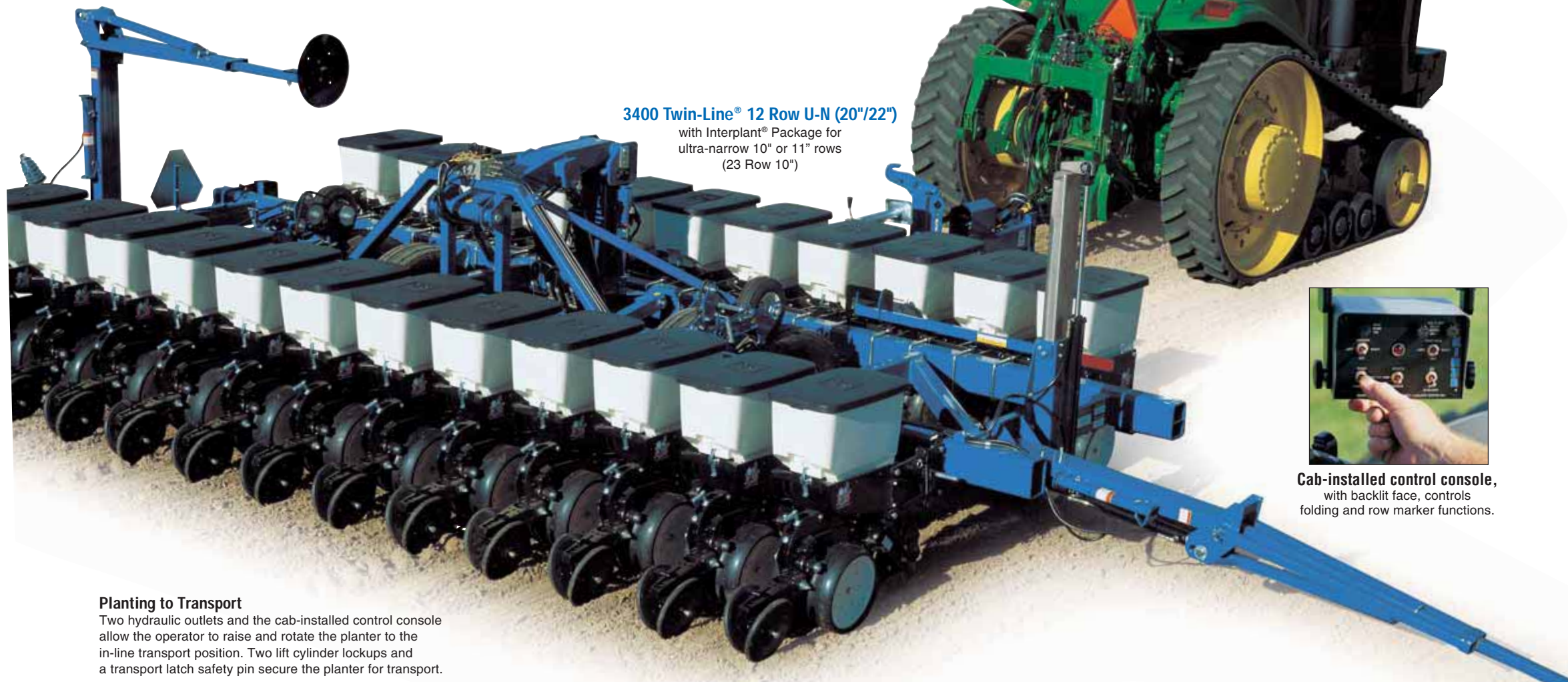
A KINZE® ORIGINAL! ROTATING IN-LINE TRANSPORT

- NICKEL-PLATED, HYDRAULIC TELESCOPING TRANSPORT POST, with UHMW plastic wear pads, extends for transport in sequence with the lift system. To stabilize the toolbar in the in-line transport position, the post automatically locks into a spring-loaded transport safety latch. To allow the planter to unfold, a small hydraulic cylinder automatically releases the latch.



- REINFORCED DOUBLE TOOLBAR DESIGN allows positioning of transport tires between the toolbars. The lift system features parallel linkage and dual lift cylinders equipped with counter balance valves for added safety. The planter will not lower without hydraulic pressure from the tractor. (Triple Transport Tire option is available for additional flotation.)

- BOLT-ON REVERSIBLE "Y" HITCH EXTENSION accommodates the solid row 10" and 11" Interplant® Packages. (Fertilizer opener installations require reversal of the bolt-on hitch extension to the narrow position.) An adjustable single clevis hitch is designed to handle different tractor drawbar heights.



3400 Twin-Line® 12 Row U-N (20"/22")
with Interplant® Package for
ultra-narrow 10" or 11" rows
(23 Row 10")



Cab-installed control console,
with backlit face, controls
folding and row marker functions.

Planting to Transport

Two hydraulic outlets and the cab-installed control console allow the operator to raise and rotate the planter to the in-line transport position. Two lift cylinder lockups and a transport latch safety pin secure the planter for transport.



IN-LINE TRANSPORT AS NARROW AS 11' 3"*

Meet the challenges of transport in high-traffic areas, and on roads where narrow transport widths are required.

*12' 7" with Interplant® Package and no till coulters as pictured.



3400 Twin-Line® 12 Row U-N (20"/22")
with Interplant® Package (23 Row 10")



Precision-cut, plated sprockets

and the easy-access end-mounted seed rate transmission make it easy to change rates. A spring-loaded wrap spring wrench/idler arm tensions the No. 40 chain. Shear pin protection is built into the lower shaft of the transmission.

Spring-loaded contact tires (2)

provide a smooth, positive drive to engage/disengage the system ... eliminating mechanical clutches and minimizing slippage. Single-pitch No. 40 roller chains are mounted above the toolbar to avoid damage from rocks, mud or residue.



| | DIMENSIONS / WEIGHTS | | | OPERATING LENGTH | | SHIPPING WEIGHT* |
|------------------------|----------------------|------------------|-----------------|------------------|-----------------|--------------------|
| | WIDTH | TRANSPORT HEIGHT | LENGTH | WIDTH | LENGTH | |
| 12R U-N (20")** | 11' 3" (343 cm) | 10' 6" (320 cm) | 26' 0" (792 cm) | 22' 6" (686 cm) | 22' 3" (678 cm) | 8116 Lbs (3681 kg) |
| 12R U-N (22")** | 11' 7" (353 cm) | 10' 6" (320 cm) | 26' 0" (792 cm) | 22' 6" (686 cm) | 22' 3" (678 cm) | 8116 Lbs (3681 kg) |

*Base machine weights include: planter frame with row markers; drive components; tires and wheels; transport safety chain; hydraulic cylinders and hoses; KINZE plateless row units less closing wheels; seed hoppers and lids; and dual quick-adjustable down force springs.
** 12 Row 20"/22" 3400 Planters are factory-assembled for 20" rows. Row units and transport tires require dealer assembly time to respace for 22" rows.

3400 TWIN-LINE®

SPECIFICATIONS

TYPE:

Pull Type — Rigid
Rotating main frame for transport — hydraulic operation.

RECOMMENDED PLANTING CONDITIONS:

Conventional, mulch-till, ridge-till or moderate no-till

SIZES/ROW SPACINGS:

12 Row U-N 20"/22" (50.8 cm/55.9 cm)

DRIVE SYSTEM:

Spring-loaded contact drive tire system using No. 40 single-pitch roller chain and spring-loaded idlers. 7/8" (2.2 cm) hex drill and drive shafts. Two 4.10" x 6" contact tires.

TRANSMISSION:

End-mounted. Quick-adjustable. No. 40 single-pitch roller chain and spring-loaded wrap spring idler. Interchangeable precision-cut sprockets stored on transmission.

TRANSPORT SYSTEM:

LIFT:

4 1/4" x 11 1/8" master lift control cylinder; two 3 1/2" x 20" slave cylinders with counter balance valves.

TIRES/HUBS:

Four 255-70R 22.5 radial load range H tubeless, rib implement, center groove tires; 3 1/2" diameter (8.9 cm) spindles; 10-bolt hubs. (Tires/wheels reversible for 80"/120" - 88"/128" center-to-center spacing.)

ROW MARKERS:

Tubular construction. 16" diameter (41 cm) solid blades. Tapered roller bearings in cast iron hubs. Adjustable pitch, 0-22°.

Note: Notched blades are available from KINZE® Repair Parts.

ROW MARKER DESIGN:

Low-profile, two-fold.

ROW MARKER HYDRAULICS:

Double-acting cylinders with flow controls.

SCV OUTLETS REQUIRED:

Dual SCV for independent operation of lift and markers/rotate functions. 12VDC control console/solenoids select marker and rotate functions.

FRAME CONSTRUCTION:

Parallel 5" x 7" x 3/8" (12.7 x 17.8 x .95 cm) steel tubing, rigid double frame; formed and welded fixed length hitch with bolt-on reversible "Y" hitch extension; adjustable, malleable iron single hitch clevis with 1 7/8" (4.8 cm) pin hole and 1/2" (1.27 cm) transport safety chain.

ROW UNIT ATTACHMENTS:

- No Till Coulters
- Residue Wheel Attachments
- Coulters Mounted Residue Wheel Attachments
- Disc Furrowers
- Granular Chemical Attachments

FRAME MOUNTED ATTACHMENTS:

- Frame Mounted No Till Coulters
- Coulters Mounted Residue Wheel Attachments

OPTIONS:

- Electronic Seed Monitors (KPM I, KPM II or KPM III)
- Solid Row Interplant® Packages
- Interplant® Monitor Packages
- Liquid Fertilizer Packages
 - Piston Pump Packages
 - Double Disc or Notched Single Disc Fertilizer Opener Packages
 - Low Rate Check Valve Packages
- Piston Pump Mount and Drive Packages (less pump) (included with Liquid Fertilizer Piston Pump Option)
- Half Rate (2 to 1) Drive Reduction Packages
- Triple Transport Tire Packages
- Auxiliary Work Light Packages

