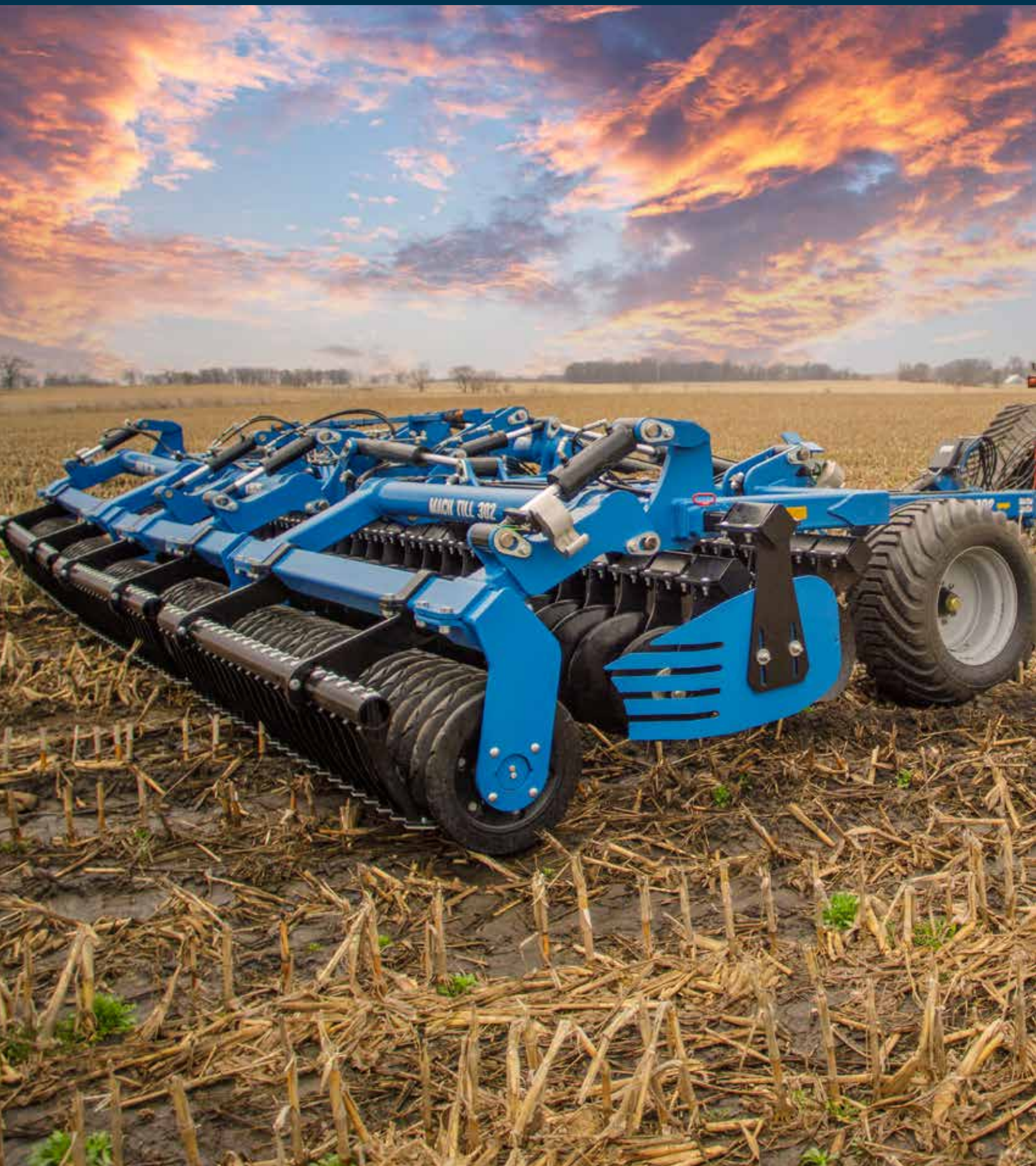
KINZE®

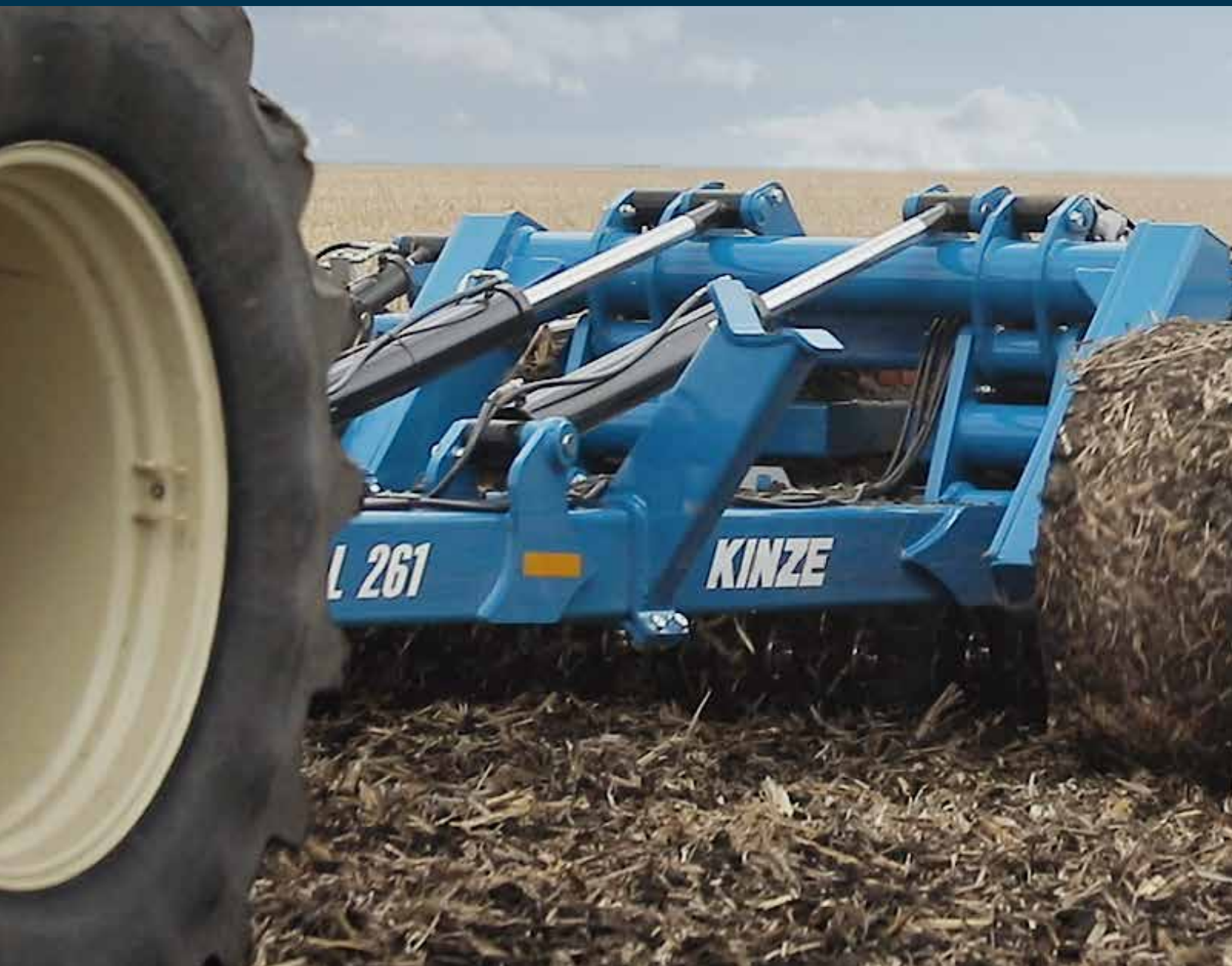
TILLAGE

MACH TILL®

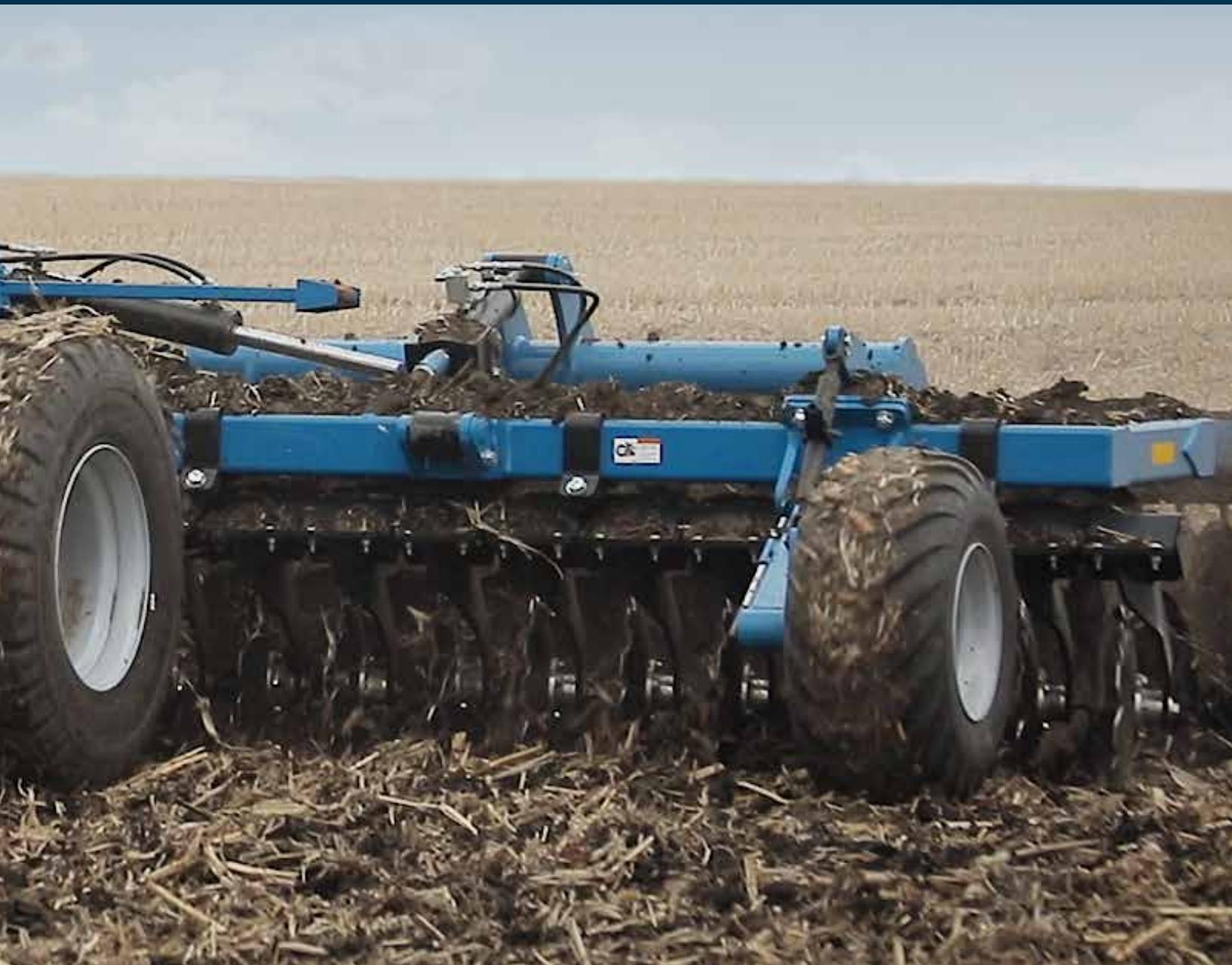


One tool for spring and fall tillage that quickly covers more acres, without creating compaction.

Mach Till is a versatile, heavy built, low maintenance machine that prepares seed beds in the spring or incorporates residue in the fall. It operates at high speeds without creating compaction layers and produces an eye appealing finish. Agronomic benefits include nutrient cycling and improved soil density for water infiltration and reduced erosion.



- Cover 30-60 acres per hour, depending on unit size, for improved productivity as compared to typical tillage practices; up to 40% more acres per hour with Mach Till
- Two rows of independently torsioned concave discs and a corrugated rubber furrow roller work to fracture, lift, mix, break up, level and firm the soil for spring seed bed preparation or fall residue management
- The speed and angle of the blades fracture, lift and transfer soil without creating a smear layer for improved plant health and vigor
- Frame weight ensures disc blades remain at a consistent working depth for optimal performance and long term product durability at high speeds
- Oversized sealed bearings, greaseless bushings, nickel plated pins and other quality components ensure low maintenance and long wear life
- Narrow machine width enables safe and easy transport from field to field



Independent disc technology

Each disc is mounted on an independent disc arm that provides 11.5" of clearance to avoid rocks and follow rough terrain. Disc arms are pre-loaded with four rubber spring elements to enable the discs to clear rocks and other obstacles while following land contours.

High flotation design

The weight of the heavy frame is distributed over 2 to 4 high flotation tires. A full width rubber furrow roller provides optimum, non-compacting performance in various soil conditions. All contact areas are specially designed to minimize impact on soil structure.

Ground contact and flex

The floating, self-contouring design allows Mach Till to easily follow curves in any field. Disc arms have the proper torsion and tension to maintain contact with the soil and follow the ground contour.

Superior residue flow

Both the 20" and 22" concave smooth and double-V discs are shallow-faced and provide an aggressive cutting edge. They till and invert the soil while eliminating compaction layers. The 10" space between each disc enhances residue flow and eliminates plugging.

Easy, low maintenance operation

Maintenance-free double-sealed bearings, carbide roller scrapers, composite bushings, and over-sized pins throughout provide many acres of low maintenance operation.

Mechanical depth control
Mechanical plates swing in and out to adjust the front and rear cutting depth in 1/2" intervals

Independent disc arm
Each individual disc arm is preloaded with four natural rubber spring elements that allow the disc to skate over severe stones and follow ground contour, providing 11.5" clearance

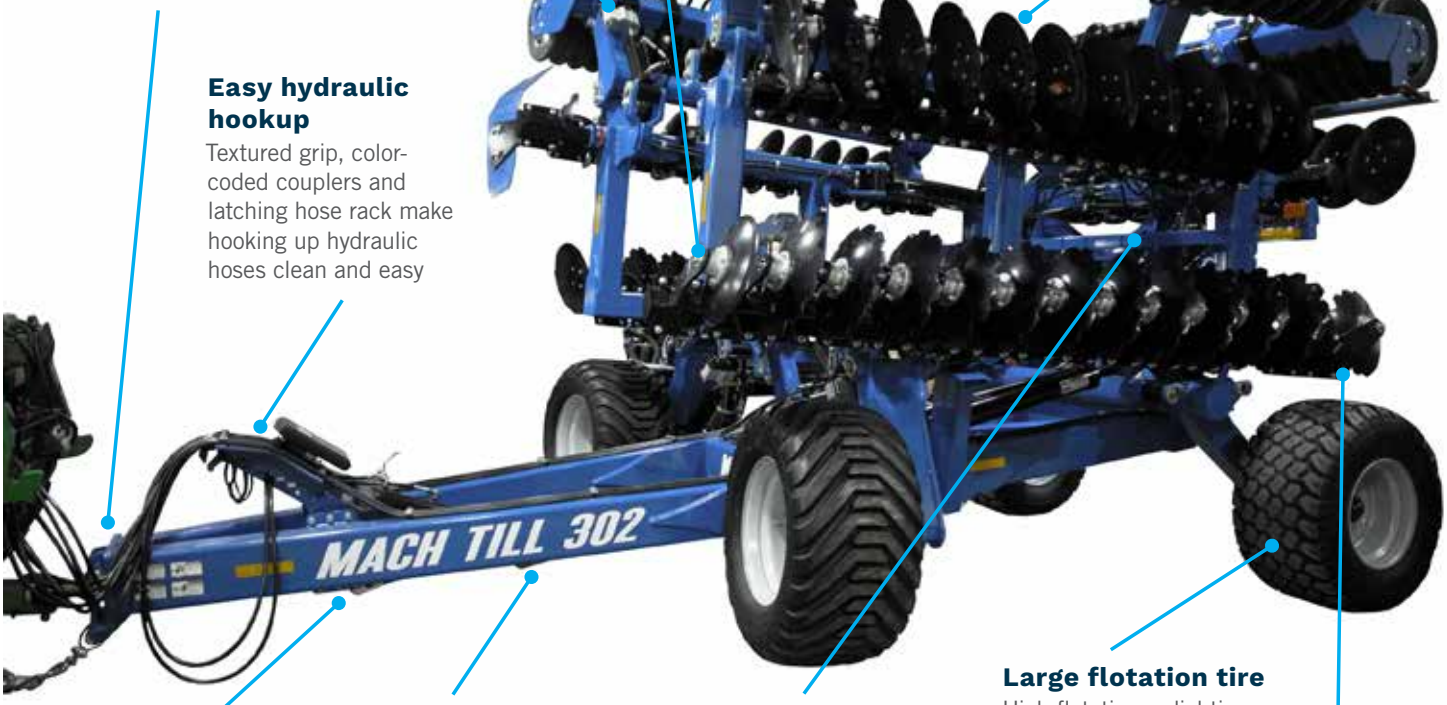
Tungsten carbide scrapers
Quick adjust, quick clean and quick removal; 10 times longer wear of standard scrapers

OTICO® furrow roller
An all-around finisher with a unique corrugated ridge profile leaving a field finish designed to manage moisture and prevent soil erosion

Smooth discs
The 20" and 22" smooth discs do an excellent job of tilling and inverting the soil

Articulating hitch
Heavy-duty; eliminates backlash for precise control; increases drawbar and hitch pin life

Easy hydraulic hookup
Textured grip, color-coded couplers and latching hose rack make hooking up hydraulic hoses clean and easy



Heavy built frame
No need to add extra weights, the heavy-built frame can handle the most extreme soil and trash conditions without creating compaction

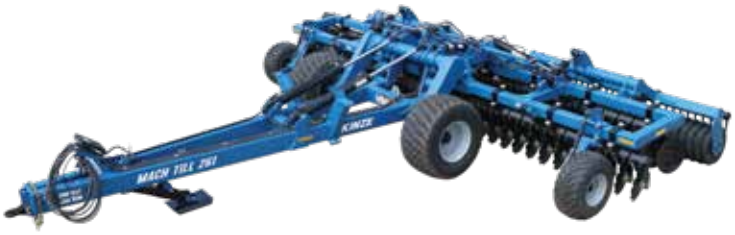
Hydraulic jack
The self-leveling jack has a large range of motion easily controlled by one operator from any vehicle height; balances perfectly in all soil conditions

Weight distribution
The heavy-built frame maintains a consistent working depth in extreme soil and residue conditions while working at speeds over 10 mph. Other machines require additional weight stacks or complicated hydraulic systems, but Mach Till supplies the necessary weight in the frame.

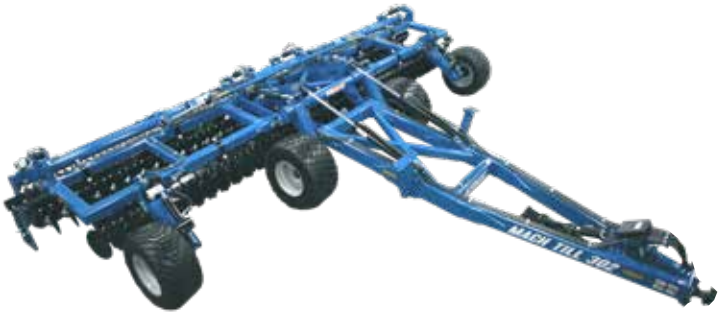
Large flotation tire
High flotation radial tires provide an extremely wide footprint area for optimum performance in wet soil conditions without compaction

Double-V discs
The 20" and 22" double-V discs have aggressive cutting edges for high-power cutting

201/261



302/362/412



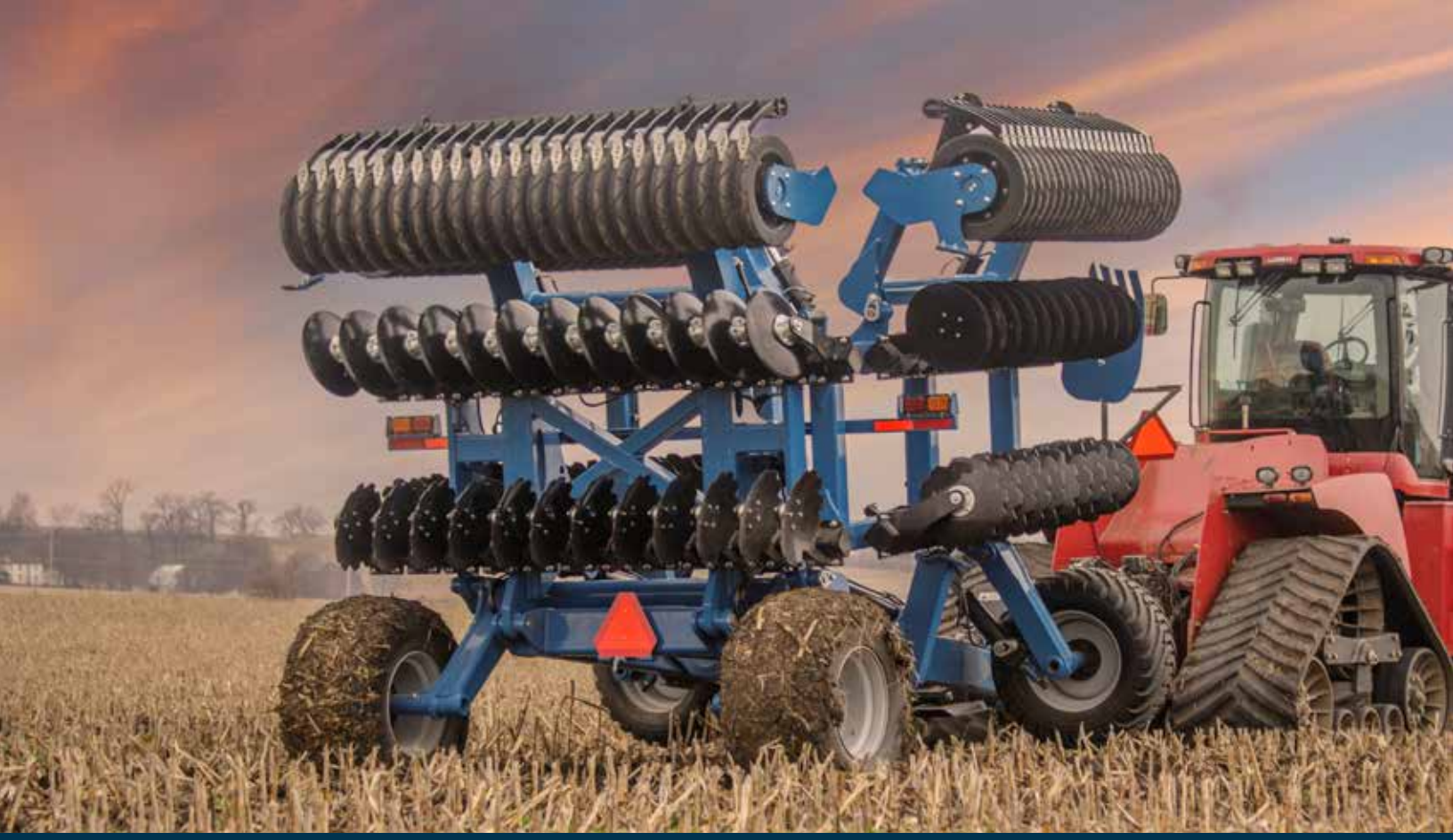
DIMENSIONS

DIMENSIONS	201	261	302	362	412
Width					
Width	20'	26'	30'	36'	41'
Transport width at tires	13'-10"	13'-10"	11'-4"	11'-4"	13'-6"
Transport width (high position)	---	---	13'-2"	13'-2"	16'-0"
Transport width (low position)	---	---	14'-8"	14'-8"	17'-8"
Length					
Transport length	---	---	23'-4"	26'-4"	27'-6"
Field length	---	---	28'-8"	31'-8"	33'-0"
Height					
Transport height	12'-10"	13'-1"	---	---	---
Transport height (low c/w rubber roller)	---	---	13'-0"	13'-5"	13'-6"
Transport height (high c/w rubber roller)	---	---	13'-4"	13'-8"	14'-0"

SPECIFICATIONS

Weight					
Weight (c/w rubber roller, scraper & 20" discs)	20,080 lbs	23,480 lbs	27,500 lbs	31,500 lbs	37,800 lbs
Hitch weight	4,000 lbs	5,500 lbs	7,000 lbs	9,000 lbs	10,500 lbs
Discs					
Number of discs @ 5" spacing overall	46	62	70	86	98
Disc diameter	20" or 22"				
Disc arm mounting	Rubber torsion - 4 elements per arm				
Disc arm angle	17° rear, 14° front				
Disc spacing	5" spacing (10" per row)				
Tires					
Tire size - center (high flotation)	600/50R22.5	600/50R22.5	600/50R22.5	600/50R22.5	750/45R22.5
Tire size - wing	400/60-15.5	400/60-15.5	550/45R22.5	550/45R22.5	600/50R22.5
Hitch					
Articulating hitch	Category 4	Category 4	Category 4	Category 5 (insert can be added to convert to Category 4)	Category 5 (insert can be added to convert to Category 4)
Requirements					
Engine HP	12 to 15 HP per foot[1]				
Hydraulics - at 2,500 psi	18 to 20 gmp				

[1] Requirements may vary due to terrain, depth, speed, season and field conditions



KINZE MANUFACTURING, INC.

PLANTING, HARVESTING AND TILLAGE SOLUTIONS BY FARMERS FOR FARMERS

From a shop in Ladora, Iowa, to today's sophisticated 160-acre campus and office complex with manufacturing and logistical support — Kinze has focused on one primary goal: designing and building solutions for farmers. That means listening to people who actually own and operate the equipment. Not only our loyal, hard-working customers, but many of our dedicated employees and the owners of Kinze Manufacturing who also farm.

KINZE®

Kinze Manufacturing, Inc. • I-80 at Exit 216
Williamsburg, Iowa 52361-0806 USA • visit kinze.com

AEM MEMBER FARM SAFELY

Authorized Dealer:

03/2021 / 2.5 K
GLITMT21MPP