NUTRI-TILLER 1000 SPECIFICATIONS

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DESIGNED TO BUILD THE IDEAL STRIP

The Nutri-Tiller 1000 series brings Case IH Agronomic Design principles to strip-till, helping producers create clean, consistent strips while preserving protective residue between rows. With expanded configurations and multiple row unit options, producers can match their strip-till system to their soil conditions, fertility practices and productivity needs.

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IDEAL STRIP CREATION

Forms clean, consistent strips that support optimum soil warming, moisture management and seedbed conditions.

AGRONOMICALLY DESIGNED ROW UNIT

A robust, maintenance-free row unit design features 12-inches of vertical travel (6-inches up/6-inches down), hardened steel bushings and consistent depth control to maintain uniform strip quality across changing terrain.

MORE ROW UNIT FLEXIBILITY

Available shank, coulter-only and new knife coulter row unit options allow producers to tailor the Nutri-Tiller 1000 series to their soil type, residue levels and fertilizer placement needs.

IN-CAB CONTROL

ISOBUS-compatible controls allow operators to adjust key row unit functions from the cab, including row unit down pressure, residue managers, conditioning system and strip keepers when equipped.

EXPANDED PRODUCTIVITY

Available in 6-, 8-, 12- and 16-row configurations, the Nutri-Tiller 1000 series gives producers more options to cover acres efficiently while maintaining consistent strip quality.

BUILT TO LAST

From the row unit to the toolbar, the Nutri-Tiller 1000 series is designed for long-term durability with hardened steel bushings, sealed bearings and rugged construction while maintaining consistent strip quality over time.

NUTRI-TILLER MODEL	1010 RIGID	1030 WING-FOLD		
CONFIGURATION				
Model & Frame Type	1010 Rigid, no fold	1030 Wing Fold	1030 Wing Fold	1030 Wing Fold
Rows/Spacing	6/30 in. (762 mm)	8/30 in. (762 mm)	12/30 in. (762 mm)	16/30 in. (762 mm)
Weight ^	7,980 lb.	11,500 lb.	16,080 lb.	21,500 lb.
Transport L × W × H ^	9 ft. 1 in. × 14 ft. 3 in. × 8 ft. 5 in. (2.7 m × 4.3 m × 2.6 m)	9 ft. 1 in. × 12 ft. 4 in. × 11 ft. 5 in. (2.7 m × 3.7 m × 3.5 m)	9 ft. 1 ft × 14 ft. 7 in. × 11 ft. 8 in. (2.7 m × 3.8 m × 3.6 m)	10 ft. 4 in. × 20 ft. 2 in. × 13 ft. 6 in. (3.1 m × 6.1 m × 4.1 m)
HITCH				
3-Point Hitch	Standard Cat 3 / Cat 4N			
FRAME				
Wing Flex	N/A	21 degrees up, 0 degrees down		
Section Flex Points/Toolbar Operating Height	6R/26 in. (660 mm)	2R-4R-2R/26 in. (660 mm)	3R-6R-3R/26 in. (660 mm)	4R-8R-4R/26 in. (660 mm)
Construction	Twin bar main, single wings, main 8 in. (203 mm) × 8 in. (203 mm) × 3/8 in. (9.5 mm) tube steel			
Wing Gauge Wheels	Not Available		Available VF215/75R15	
ROW UNIT				
Parallel Links	12 in. (304 mm) total vertical travel with hardened steel replaceable wear bushings			
Depth Gauge	Depth band on center coulter with scrapers			
Row Unit Versions	Standard Shank without Strip Keepers. Available Shank with Strip Keepers, Coulter only and Knife Coulter			
Grease Zerks	0 grease zerks per row (Hardened bushings in all primary pivots, triple lip sealed bearings)			
Center Coulter	24 in. dia. (610 mm) by 5mm thick Earth Metal® center coulter with depth bands runs 6 in. deep for Coulter only and 3.5 in. for Shank version			
Shank Row Unit	Depth adjustable from 6 in. to 9 in. Operating speed 5 to 7.5 mph. Includes chromium carbide point and shin for long wear. Spring reset 2,000 lb. holding force. Strip Keeper max depth: 18 in. blade up to 3 in., 15 in. coulter up to 1.5 in., if equipped.			
Knife Coulter Row	Knife depth settings from 5 in. or 6 in. with half-inch knife behind center coulter. Includes mole knife with 2.75 in. foot. Shear bolt protected. Strip Keeper max depth: 18 in. blade up to 4.5 in. (No Berm Build'r™ blades)			
Coulter Only Row Unit	Operating speed 5 to 10 mph. Includes Strip Keeper disks. Strip Keepers are two disks that perform shallow tillage and define the sides of the fracture zone. Strip Keeper max depth: 18 in. blade up to 4.5 in., 15 in. coulter up to 3 in.			
Strip Keeper Tillage Disks	Standard on Coulter only, available on Shank or Knife Row unit. 18 in. directional VT Wave blade or 15 in. 8 wave coulters. Cam stop max depth adjustment. In-Cab adjustable air downforce			
RESIDUE MANAGERS				
Row Cleaners	18 in. (457 mm) interlocking shark tooth cleaners with sealed bearings			
Control System/Depth Stops	Standard - In-Cab air adjust, up pressure, down pressure, full lift or float modes/Adjustable cam depth stop			
ROW UNIT DOWN FORCE				
Row Unit Down Force Main Air Bag	9 in. diameter adjustable up to 55 psi (1500 lb. of additional down force)			
Air Shocks	Air shock mountings for Strip Keepers and Berm Build'r with rear conditioner assembly. Air shocks adjustable from 20 psi up to 135 psi for Strip Keeper blade penetration and rear conditioner berm forming and conditioning.			
BERM AND CONDITIONING SYSTEM				
Berm Build'r™ Blades	Standard - 18 in. directional VT Wave blade with tool free adjustment			
Basket Conditioner/Spider Conditioner	Standard - Concave basket 14 in. diameter flat basket with 2 in. concave. Shielded to contain soil in strip/Available - 4 cast spider conditioners 16 in. outer and 14 in. inner spiders			
FERTILIZER DELIVERY OPTIONS				
Top Drop Dry Fertilizer	Coulter only and Knife Coulter option			
Anhydrous Ammonia Gas	Shank or Knife Coulter option			
Liquid Fertilizer Shank Row Unit	3/8 in. steel tube with hardened steel boot			
Liquid Fertilizer Coulter Only Row Unit	Coulter only places fertilizer behind Strip Keeper coulters or directly behind main coulter			
Dry Fertilzer Shank Row Unit	Dry fertilizer hardened steel boot with stainless air relief for dry product			
Dry & Liq/Gas Shank Row Unit	3/8 in. steel tube & dry fertilizer hardened steel boot with stainless air relief for dry product			
WING DOWN FORCE				
Hydraulic Wing Down Force	N/A	Standard - Provides additional down force to the toolbar wings, adjusts automatically		
Wing Cylinder Size	N/A	5 in. Bore 30 in. Stroke	5 in. Bore 48 in. Stroke	
AIR COMPRESSOR SYSTEM				
Deluxe Air Compressor	Standard - Hydraulic drive Twin Piston, Operating pressure 125–145 psi, auto drain			
In-Cab Controlled Features	Standard - 5 control circuits for Row Unit down pressure, Row Cleaners up/down, Conditioning System, Strip Keepers if equipped			
REAR TOWING				
Rear Tow Hitch For Fertilizer Wagon	Available with lift assist option - Wagon tow hitch rated towing capacity for 24,000 lb. trailer			
Tow Hitch for Cart	Available with or without lift assist option - Designed for Montag steerable cart, up to 12 ton capacity			
LIFT ASSIST OPTION				
No Lift Assist	Standard			N/A
Rear Lift Assist System	Available - Carries approx. 3,000 lb. of toolbar weight. Includes 2 castering VF 210/75R15 wheels on 60 in. centers. Hydraulically controlled. Available with rear tow wagon hitch or rear cart tow hitch. (Standard on 16 Row 1030)			
TRACTOR RECOMMENDATIONS				
Monitor	Requires ISO11783 tractor with VT3, or VT4 for Window Mask Object functionality			
Horsepower Per Row*/Engine Horsepower Range*	26–45 hp/row /160–270 hp	26–45 hp/row /210–360 hp	26–45 hp/row /320–540 hp	26–45 hp/row / 420–720 hp
Tractor Technology	Class 2 TECU			
Hydraulic System Flow Requirements	5 GPM max	10 GPM max		
Number of Hydraulic Remotes	0	1		
Power Beyond, Return, Case Drain, Load Sense	Required			

Standard = In base price Available = Multiple options available * = Varies based on configuration, speed, operating conditions, etc. ^ Shank with Strip Keeper Row units, Combo Fert, spider, gauge wheels (12- and 16-row only)



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