TRUE-TANDEM™ 345 AND 375 DISK HARROWS

PRODUCTIVE EVEN IN ROUGH CONDITIONS.

Moving the heritage of rugged, productive Case IH disk harrows forward, the new True-Tandem™ 345 seed bed disk harrow and 375 all purpose disk harrow feature numerous advances to improve field finish, durability and productivity. Agronomically designed to tackle the roughest field conditions, the symmetrical design offers straight, easy pulling in heavy residue, leaving a level soil finish behind. Rugged Earth Metal® blades size and mix crop residue for fast decomposition and nutrient cycling. Ideal for primary tillage, seed bed preparation or chemical incorporation, the True-Tandem disk harrows are durable and low-maintenance for spring or fall use.

BE READY.

BUILDING THE FOUNDATION FOR MAXIMUM YIELD POTENTIAL.

Ideal soil conditions are the foundation of uniform plant stands and higher crop yields. Every plant counts toward your bottom line. That's why Case IH designs equipment like the rugged True-Tandem 345 seed bed disk harrow and 375 all-purpose disk harrow. They aggressively reduce large clods of soil, and size and mix even the heaviest residue to promote faster decomposition and nutrient cycling for the next crop. These industry-leading disk harrows from Case IH also leave a level finish out the back in spring or fall, creating the foundation for plants to thrive.

EASY DEPTH CONTROL.

A single-point hydraulic depth control maintains a constant blade operating depth for a planter-ready seed bed. Adjust it using a simple hand crank located conveniently at the front of the machine.

BRIGHTER LED LIGHTING.

LED lighting is brighter and longer lasting than traditional incandescent light bulbs. The new lighting system improves visibility during transport. LED warning and brake lights are standard on all True-Tandem disk harrows.

PAINTED TO LAST.

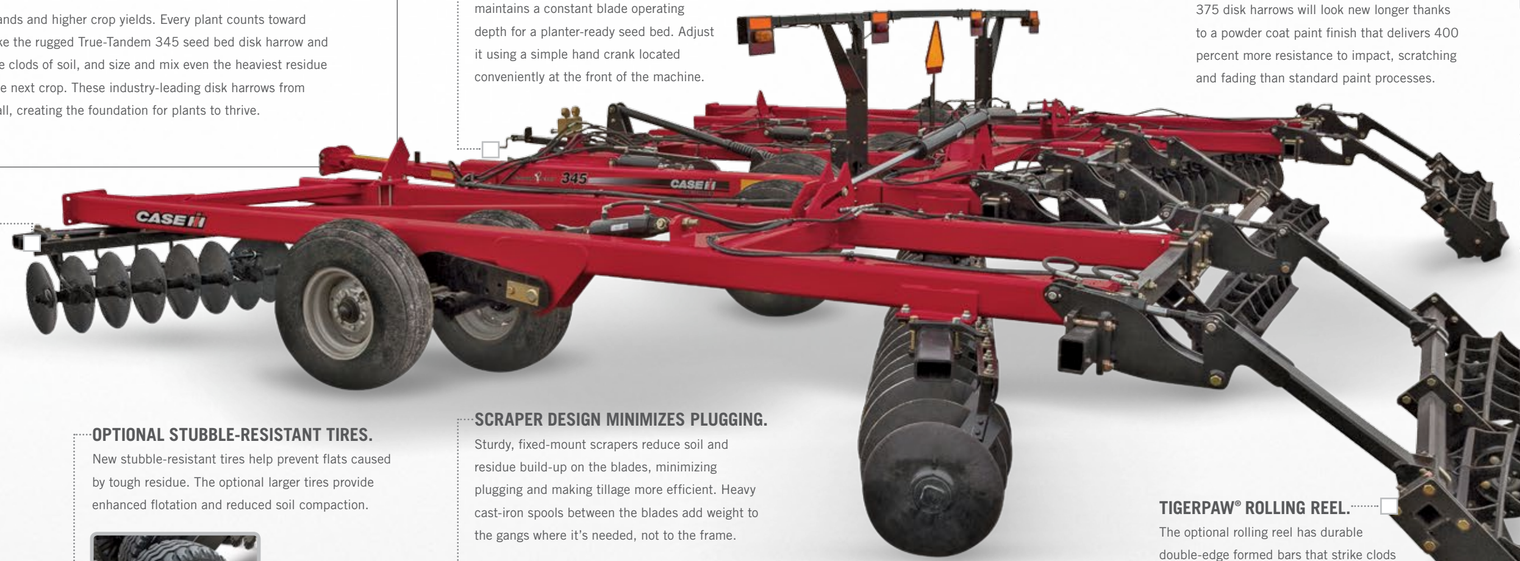
Like other Case IH tillage tools, the 345 and 375 disk harrows will look new longer thanks to a powder coat paint finish that delivers 400 percent more resistance to impact, scratching and fading than standard paint processes.

REAR HITCH

The rear hitch can be added for pulling a Case IH Crumbler® seed bed conditioner.

SMOOTH RIDE AT FASTER SPEEDS.

Walking tandems on both mainframe and wing wheels move independently and maintain contact with the ground, providing a smoother ride. The disk gangs stay at the proper level – not bouncing in and out of the soil. in addition, the frame has been stretched and wheels moved back for positive tongue weight and more stability in operation and transport.



EARTH METAL BLADES - A SUPERIOR AGRONOMIC ADVANTAGE.

The blade's concave design and crimped center, combined with the 18 degree angle of the gang, cause the soil to be lifted and mixed with the residue, leveling the soil surface without back pressure. The blades are designed with flat, crimped centers that mate perfectly to the cast nodular flat-faced spools for a more secure and solid gang assembly.

BEARING DESIGN REDUCES DOWNTIME.

The 345 and 375 disk harrows use maintenance-free bearings on the wing hinges, rockshafts and baskets to decrease routine maintenance and increase productive time in the field.

OPTIONAL GAUGE WHEELS.

7.6 × 15 gauge wheels bolt directly to the frame for improved stability. A simple hand crank and pin allow easy wing depth adjustment to maintain a uniform seed bed.

OPTIONAL STUBBLE-RESISTANT TIRES.

New stubble-resistant tires help prevent flats caused by tough residue. The optional larger tires provide enhanced flotation and reduced soil compaction.

SCRAPER DESIGN MINIMIZES PLUGGING.

Sturdy, fixed-mount scrapers reduce soil and residue build-up on the blades, minimizing plugging and making tillage more efficient. Heavy cast-iron spools between the blades add weight to the gangs where it's needed, not to the frame.

FORE & AFT LEVELING.

Mechanical or hydraulic options make it easy to level the True-Tandem disk harrow and adjust it to the tractor drawbar height. Simply adjust the turnbuckle or activate the optional hydraulic leveling cylinder from the tractor seat.

TIGERPAW® ROLLING REEL.

The optional rolling reel has durable double-edge formed bars that strike clods twice to size any remaining large clods and further condition the soil before planting. Easily adjust rolling reel down force to match field conditions. Active hydraulic cylinders allow the basket to be run in one of three modes: constant down pressure, float or raised (for wet corners of the field).

OPTIONAL COIL TINE HARROW.

If the rolling reel is not appropriate for your operation, consider the three-bar coil tine harrow, which offers superior leveling and residue flow, as well as adjustable tine angle and down pressure.

CREATING A POSITIVE ENVIRONMENT FOR AGRONOMIC PERFORMANCE.

The True-Tandem 345 and 375 disk harrows continue the Case IH tradition of superior tillage performance. They size and distribute tough, heavy crop residue and level soil for the best possible seed bed – and consequently the best yield potential.

CROP RESIDUE MANAGEMENT.

The versatile True-Tandem 345 effectively manages crop residue in fields with light to medium heavy residue levels with 22 in. diameter blades set at 7.5 or 9 inch spacing. This tool is excellent for disking in soybean stubble, moderate wheat stubble or corn stalks for superior final residue management in the fall or spring. The 375 disk harrow is built to tackle the conditions of heavy residue and dryland with 24 in. diameter blades set at 9 inch spacing.

SOIL TILTH.

Break through crusty, sealed-over soil with optimum weight per blade and the superb soil-churning action of the True-Tandem disk harrows. Produce excellent soil tilth—a proper balance of minerals, air and water—to promote a healthier root system and higher yield potentials.

SEED BED CONDITIONS.

Opposing forces of mirror-matched gangs reduce drift. Rear gangs split the cuts of the front gangs for consistent cultivation across the entire width of the tool, leaving no uncut gaps. This true tandem design and 18 degree front and rear gang angle provide a ridge-free, uniform, level output. Optional, integrally-mounted harrows also distribute remaining surface residue and help ensure a ready-to-plant seed bed.

FIRST IN THE FIELD. STAYS IN THE FIELD.

The True-Tandem 345 and 375 disk harrows lead the industry in durability, reliability and simplicity. The frame is 16 inches longer than previous models and the wheels have been moved back to create positive tongue weight and more stability in operation and transport. No rear jack is required for most configurations. Choose cushion or rigid gang bearings to properly support the gang for strength, maximum uptime and productivity. New poly bushings eliminate the need for most grease zerks to get you into the field faster. In-field operating adjustments are done from the comfort of the tractor cab to reduce the need for stops and starts. All designed to help your plants thrive and maximize your productivity.

CUSHION GANG BEARING.

The cushion gang bearing is a heavy duty, greasable bearing in a trunnion and is commonly used in fields with rocks and debris. It holds the arbor bolt firm while allowing the joint to rotate freely through rough terrain for a high quality seed bed and finish.

RIGID GANG BEARING.

The rigid gang bearing performs well in fields with very few rocks and debris and is a cost-effective choice.

NODULAR CAST IRON SPOOLS.

True-Tandem spools are made of nodular cast iron, which is stronger than the gray cast iron or steel fabricated spools used on other disk harrows. The 4½ in. or 6 in. diameter spools withstand shock loads caused by field impacts and provide “built-in” weight necessary to cut residue and penetrate hard soil. No weight kits or concrete blocks required.

EARTH METAL BLADES FOR SUPERIOR STRENGTH.

Made from a proprietary process and steel formula, Earth Metal blades offer increased ductility and reduced breakage. Field tests have proven that they are substantially stronger and last longer than conventional carbon blades. The blade's crimped center gives it strength where it counts and provides a flat surface for the spool to mate against when the arbor bolt is tightened.

CHOOSE YOUR WEAPON AGAINST TOUGH RESIDUE AND CLODS.

THE CASE IH TRADITION OF LEADERSHIP CONTINUES:

345 SEED BED DISK HARROW.

The True-Tandem 345 seed bed disk harrow is available in working widths ranging from 22 ft. – 34 ft. Designed to be used in both spring and fall tillage conditions for seed bed preparation and crop residue management, it is also excellent for incorporation of chemicals and fertilizer. The optimum weight per blade on the 345 helps to minimize compaction while breaking through crusty soil. The tool produces a churning action underneath the surface which produces a seed bed with better seed-to-soil contact.

Blade spacing is available in either 7.5 in. for light-to-medium residue conditions, or 9 in. spacing for heavier residue. Blades are standard-concavity 22 in. diameter Earth Metal for long life and resistance to breakage, and have flattened crimped centers for strength and for a tighter fit with the spools. The heavy nodular iron spools are 4.5 in. diameter and are machined flat on the ends to fit tightly with the flat-center blades. Blades have either a #1 edge for normal field conditions including rocks or a #11 reverse-bevel edge for extra sharpness in non-rocky soils, and are available in 4.5 mm, 5 mm and 6.5 mm thicknesses.

Gang mounts are available in either a C-cushion / trunnion bearing arrangement for flexibility in rocky conditions, or in a cost-effective rigid mount for areas without rocks. Gangs are arranged in a “true tandem” design that is symmetrical left-to-right for a much straighter pull through the field. A center shank and sweep take out the middle soil between the left and right gangs. Front and rear gangs are set at 18 degrees and are spaced front-to-back to provide an excellent, flat seed bed floor.

375 ALL PURPOSE DISK HARROW.

The True-Tandem 375 all-purpose disk harrow is equipped with larger 24 in. diameter Earth Metal blades on 9 in. spacing for running deeper than the model 345. It’s designed for tougher residue and improved finish out-the-back. An option on the 375 blades is shallow-concavity blades on the front gangs only, designed for faster speed and better soil penetration. Because the shallow-concavity blades do not throw soil as far out from the center as standard concavity blades, speeds of 7 mph are possible. At these speeds, the True-Tandem 375 disk harrow can cover more acres per hour than similar size machines, and the same number of acres as wider conventional machines. The 375 is also available with standard concavity blades front and rear.

Like the 345, model 375 gang mounts are available in either a C-cushion / trunnion bearing arrangement for flexibility in rocky conditions, or in a cost-effective rigid bearing for areas without rocks. Heavier 6 in. diameter nodular iron cast spools fit tightly against the flattened center of the blades. Blades are available in either 5 mm or 6.5 mm thicknesses.

The True-Tandem 375 is truly an all-purpose disk harrow which can handle very tough residue and yet leave a level output. Operating in both fall and spring conditions, the 375 brings versatility to your farming operation.

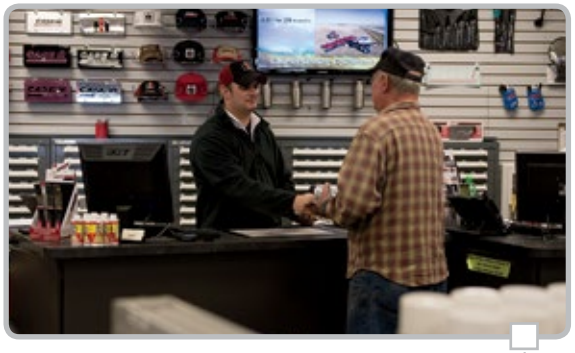
TRUE-TANDEM 345 DISK HARROW	22' (6.7 M)	25' (7.6 M)	28' (8.5 M)	31' (9.4 M)	34' (10.4 M)
TRACTOR REQUIREMENTS					
Engine Horsepower	175–265 hp (130–198 kW)	200–300 hp (149–224 kW)	225–335 hp (168–250 kW)	245–375 hp (183–280 kW)	270–410 hp (201–306 kW)
Remote Hydraulic Valves	Up to four hydraulic remote valves				
Tractor Hydraulic Pressure	2,400 psi (1.69 Kgf/mm²) minimum				
Tractor Electrical System	12 volt with 7-pin connector				
OVERALL MACHINE					
Wing Fold	Hydraulic single fold				
Depth Control	Single point hydraulic				
Fore-Aft Leveling	Mechanical turnbuckle or optional hydraulic (recommended)				
Tillage Width (7.5 in. Spacing)	22 ft. 2 in. (6.8 m)	24 ft. 7 in. (7.5 m)	28 ft. 2 in. (8.6 m)	31 ft. 8 in. (9.7 m)	34 ft. 1 in. (10.4 m)
Tillage Width (9 in. Spacing)	22 ft. 2 in. (6.8 m)	25 ft. (7.6 m)	27 ft. 10 in. (8.5 m)	30 ft. 8 in. (9.4 m)	33 ft. 7 in. (10.2 m)
Transport Width (Excl. Harrow)	14 ft. 6 in. (4.4 m)		17 ft. 4 in. (5.3 m)		18 ft. 0 in. (5.5 m)
Transport Height (Excl. Harrow)	10 ft. 5 in. (3.2 m)	11 ft. 11 in. (3.6 m)	11 ft. 10 in. (3.6 m)	13 ft. 6 in. (4.1 m)	13 ft. 8 in. (4.2 m)
Approx Weight/Blade 7.5 in. Spacing	163–181 lbs. (74–82 kg)	155–175 lbs. (70–79 kg)	148–167 lbs. (67–76 kg)	137–162 lbs. (62–73 kg)	150–169 lbs. (68–77 kg)
Approx Weight/Blade 9 in. Spacing	190–212 lbs. (86–96 kg)	178–200 lbs. (81–91 kg)	173–193 lbs. (78–88 kg)	167–190 lbs. (76–86 kg)	176–199 lbs. (80–90 kg)
Recommended Operating Speed	4.5–6 mph (7.2–9.7 kph)				
Operating Depth	Typically 2 to 4 in. (51–102 mm)				
FRAME					
Main Frame Fore-Aft Tube Size	6×6 in. (152×152 mm) and 4×4 in. (102×102 mm)				6×8 in. (152×204 mm) and 4x4 in. (102×102 mm)
Wing Frame Fore-Aft Tube Size	6×6 in. (152×152 mm) and 4×6 in. (102×152 mm) fore-aft tubes				6×6 in. (152×152 mm)
GANGS					
Gang Mounts	Durable top and bottom plates with heavy-duty bolts				
Gang Bearings	Rigid (recommended in non-rocky conditions) or trunnion c-spring cushion type				
Gang Frame	3×5 in. (76×127 mm) rectangular tube				
Gang Angle	18 degrees front and rear; True-Tandem design is symmetrical left-to-right				
Arbor Bolt and Spacers	1.5 in. (38 mm), round spring steel arbor bolt with heavy cast 4.5 in. (114 mm) diameter machined-flattened spools for superior fit with flattened crimp-center blades				
BLADES AND SCRAPERS					
Blade Spacing	7.5 in. (191 mm) or 9 in. (229 mm)				
Blade Diameter	Working blades: 22 in. (559 mm)/Step-down blades: outside front - 20 in. (508 mm) and rear - 20 in (508 mm), 18 in. (457 mm)				
Blade Thickness	Choose from .177 in. (4.5 mm), .197 in. (5 mm) or .256 in. (6.5 mm)				
Blade Design	Earth Metal for longer wear; flattened crimped center for added strength and fit-up to spools				
Number of Blades (7.5 in. Spacing)	74	82	94	106	114
Number of Blades (9 in. Spacing)	62	70	78	86	94
Scrapers	Heavy-duty spring steel rigid mount scrapers adjust individually and by gang				
WHEELS AND TIRES					
Mainframe	8-bolt 340-55-16 stubble-resistant			8-bolt 380/60 R16.5 stubble-resistant	
Wing Frame	6-bolt, 11L×15 8 PR standard; optional 8-bolt 340-55-16 stubble-resistant			6-bolt, 11L×15 8 ply standard; optional 380/60 R16.5	
Gauge Wheels - Optional	6-bolt, 7.60 × 15 pivoting wing stabilizer bolted to main frame, optional on 22 ft. thru 34 ft. sizes; standard on 37 ft. size				
OPTIONAL REAR ATTACHMENTS					
TigerPaw Double-Edge Formed Reel	Optional, includes hydraulic raise/lower, active hydraulic down-pressure and maintenance-free bearings				
3 Bar Coil Tine Harrow	Optional: 16 in. (406 mm) tines at 7.5 in. (191 mm) spacing per bar, overall effective tine spacing is 2.5 in. (64 mm) Tine angle adjustable to 5 positions.				
Rear Hitch	Optional, to pull Case IH crumbler 110				

* Specifications are subject to change without notice.

TRUE-TANDEM 375 DISK HARROW	22' (6.7 M)	25' (7.6 M)	28' (8.5 M)	31' (9.4 M)	34' (10.4 M)	37' (11.3 M)
TRACTOR REQUIREMENTS						
Engine Horsepower	220–285 hp (164–213 kW)	250–325 hp (186–242 kW)	275–365 hp (205–272 kW)	305–400 hp (227–298 kW)	335–445 hp (250–332 kW)	365–485 hp (272–362 kW)
Remote Hydraulic Valves	Up to four hydraulic remote valves					
Tractor Hydraulic Pressure	2,400 psi (1.69 Kgf/mm²) minimum					
Tractor Electrical System	12 volt with 7-pin connector					
OVERALL MACHINE						
Wing Fold	Hydraulic single fold					
Depth Control	Single point hydraulic					
Fore-Aft Leveling	Mechanical turnbuckle or optional hydraulic (recommended)					
Tillage Width (9 in. Spacing)	22 ft. 4 in. (6.8 m)	25 ft. 2 in. (7.7 m)	28 ft. 1 in. (8.6 m)	30 ft. 11 in. (9.4 m)	33 ft. 9 in. (10.3 m)	36 ft. 7 in. (11.2 m)
Transport Width (Excl. Harrow)	14 ft. 6 in. (4.4 m)		17 ft. 4 in. (5.3 m)		18 ft. 0 in. (5.5 m)	
Transport Height (Excl. Harrow)	11 ft. 2 in. (3.4 m)	12 ft. 6 in. (3.8 m)	12 ft. 3 in. (3.7 m)	13 ft. 6 in. (4.1 m)	14 ft. 1 in. (4.3 m)	15 ft. 4 in. (4.7 m)
Approx Weight/Blade 9 in. Spacing	223–235 lbs. (101–107 kg)	207–219 lbs. (94–99 kg)	202–215 lbs. (92–98 kg)	197–212 lbs. (89–96 kg)	205–219 lbs. (93–99 kg)	199–212 lbs. (90–96 kg)
Recommended Operating Speed	With shallow concavity front blades: 5–7 mph (8–11.3 kph). With standard concavity front blades: 4.5–6 mph (7.2–9.7 kph)					
Operating Depth	Up to 6 in. (152 mm) depth					
FRAME						
Main Frame Fore-Aft Tube Size	6×6 in. (152×152 mm) and 4×4 in. (102×102 mm)				6 x 8 in. (152×204 mm) and 4x4 in. (102×102 mm)	
Wing Frame Fore-Aft Tube Size	6×6 in. (152×152 mm) and 4×6 in. (102×152 mm) fore-aft tubes				6 x 6 in. (152×152 mm)	
GANGS						
Gang Mounts	Durable top and bottom plates with heavy-duty bolts					
Gang Bearings	Rigid (recommended in non-rocky conditions) or trunnion c-spring cushion type					
Gang Frame	3×5 in. (76×127 mm) rectangular tube					
Gang Angle	18 degrees front and rear; True-Tandem design is symmetrical left-to-right					
Arbor Bolt And Spacers	1.5 in. (38 mm), square spring steel arbor bolt with heavy cast 6 in. (152 mm) diameter machined-flattened spools for superior fit with flattened crimp-center blades					
BLADES AND SCRAPERS						
Blade Concavity	Front blades: choose from shallow concavity (for faster speeds) or standard concavity. Rear blades: standard concavity					
Blade Spacing	9 in. (229 mm)					
Blade Diameter	Working blades: 24 in. (610 mm)/Step-down blades: outside front - 22 in. (559 mm) and rear - 22 in. (559 mm), 20 in. (508 mm), and trilobe - 18 in. (457 mm)					
Blade Thickness	.197 in. (5 mm) or .256 in. (6.5 mm)					
Blade Design	Earth Metal for longer wear; flattened crimped center for added strength and fit-up to spools					
Total Number Of Blades	64	72	80	88	96	104
Scrapers	Heavy-duty spring steel rigid mount scrapers adjust individually and by gang					
WHEELS AND TIRES						
Mainframe	8-bolt 340-55-16 stubble-resistant			8-bolt 380/60 R16.5 stubble-resistant		
Wing Frame	6-bolt, 11L×15 8 PR standard; optional 8-bolt 340-55-16 stubble-resistant			6-bolt, 11L×15 8 ply standard; optional 380/60 R16.5		
Gauge Wheels - Optional	6-bolt, 7.60×15 pivoting wing stabilizer bolted to main frame, optional on 22 ft. thru 34 ft. (7.6–10.4 m) sizes; standard on 37 ft. (11.3 m) size					
OPTIONAL REAR ATTACHMENTS						
TigerPaw Double-Edge Formed Reel	Optional, includes hydraulic raise/lower; active hydraulic down-pressure; and maintenance-free bearings					
3 Bar Coil Tine Harrow	Optional: 16 in. (406 mm) tines at 7.5 in. (191 mm) spacing per bar, overall effective tine spacing is 2.5 in. (64 mm) Tine angle adjustable to 5 positions.					
Rear Hitch	Optional, to pull Case IH crumbler 110					

KNOWLEDGEABLE DEALERS THAT WORK WITH YOU.

Your Case IH dealer understands you need to optimize the return on your investment. That means fitting the right horsepower and capabilities with the tools and implements that best fit your operation. Your dealer can recommend the appropriate options package, with proper tires and weighting and ballasting packages for optimum performance. And he or she will analyze results with you, field by field.



MAXIMUM SERVICE TO GET MAXIMUM UPTIME, SEASON AFTER SEASON.

Case IH offers Max Service, the first owner's support network in the industry. And it comes with no extra cost to you. Max Service delivers manufacturer-direct assistance to you and your Case IH dealer. If you need service, parts or just have a question, Case IH staff will quickly respond to your unique situation. Your Case IH dealer already has a full-line of parts and components, full-service maintenance programs and industry-leading warranties. Max Service gives you even more resources to boost productivity with your Case IH equipment. And minimize downtime. Your complete satisfaction is our goal. Your dealer and Max Service are here for you whenever you need help at 1-877-4CASEIH.

CNH INDUSTRIAL CAPITAL

FINANCING AND EQUIPMENT PROTECTION TAILORED TO CASE IH EQUIPMENT AND YOU.

CNH Industrial Capital is your financial connection every step of the way, and each day we help producers like you get into the right Case IH equipment to support the unique agricultural needs of your business. Specialized finance programs and flexible leasing packages put you in the driver's seat of industry-leading Case IH equipment while staying within your budget. After your purchase, keep your equipment up and running with the CNH Industrial Capital Productivity Plus Account for your Case IH parts & service needs, and insure your equipment with our no-nonsense warranties and comprehensive protection plans. As the only finance company dedicated to Case IH, we offer the products and services designed to help you Be Ready.

Printed in U.S.A. www.caseih.com

CIH03061501

CASE IH AGRICULTURE