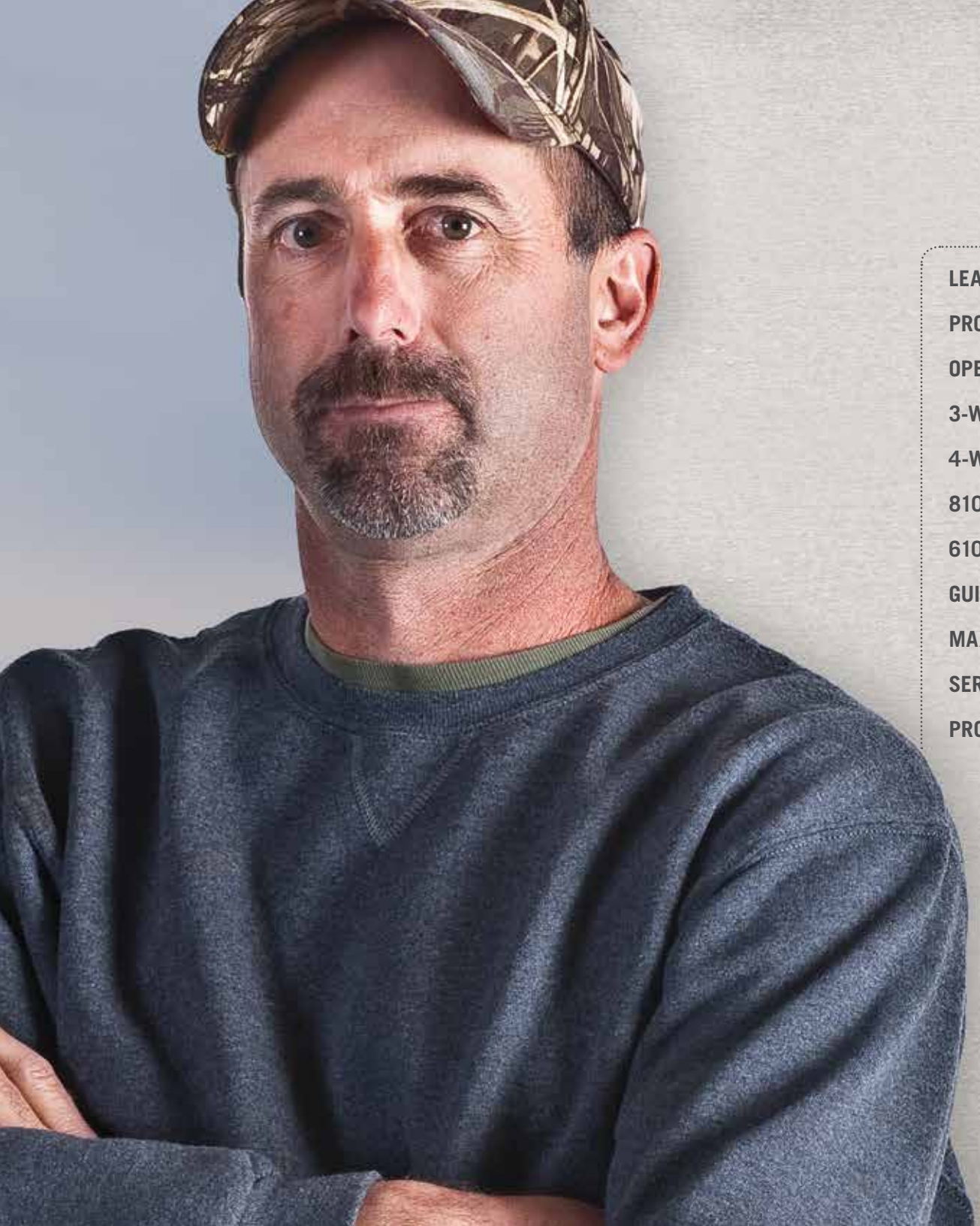
TITAN™ 30 SERIES FLOATERS

CASE IH AGRICULTURE

EVERY SEASON EXPECTATIONS INCREASE. HERE'S EQUIPMENT TO HELP YOU DELIVER.

As the world's demands on agriculture increase, your customers demand more from you every season. That's why Case IH is rolling out a new fleet of Titan 30 Series floaters. With more efficient power than ever before, an industry-leading cab design that lets operators get more done every valuable day, and accurate precision controls that make the most of inputs. Titan floaters work hard to give your customers what they want. And they do it with smart, cost-effective designs that offer you the opportunity to turn more acres into profit. You're ready to deliver more, and Case IH Titan 30 Series floaters are ready when you are.

BE READY.



APPLY ADVANCED TECHNOLOGY FOR IMPROVED PRODUCTIVITY.

Built to get more done every day and pack more productive days into every season, Titan 30 Series floaters are ready to help you make the most of your windows of opportunity. Whether you're applying liquids, granular materials, or both, you'll be riding high in a machine that's designed to meet the needs of professional applicators. It's about rugged construction. Machines with productivity improving features, the best service and support network in the industry and a legacy of leadership that puts a premium on delivering real value.

DELIVERING MORE POWER MORE EFFICIENTLY.

The Titan 30 Series floaters feature new Case IH FPT high-horsepower engines with industry-leading SCR (Selective Catalytic Reduction) Tier 4 emissions control. Because the SCR system is outside the engine, the power plant can be tuned for power and performance, with emissions compliance handled externally. With high-capacity cooling systems and rugged transmissions, coupled with increased horsepower, these machines deliver all the performance you've ever wanted in a floater.

SIMPLE TO SERVICE FOR MAXIMUM UPTIME.

It's all in the design: easy access to service and maintenance items allows for quick checks and routine inspections, getting you back in the field sooner. And our frames and booms are designed for maximum strength, durability and unmatched reliability so your Titan 30 Series floater is ready to run hard whenever you are. These tough machines prove themselves every day, year after year in the field.

QUALITY APPLICATION.

From the big booms, big tanks, and efficient plumbing of our 610 Liquid System to the precise co-application flexibility of the 810 Flex-Air applicator, you can cover more acres, more accurately. And Case IH applicators feature rugged suspension and boom designs that ensure efficient, consistent and precise application… field after field, season after season.

OPERATOR ENVIRONMENT.

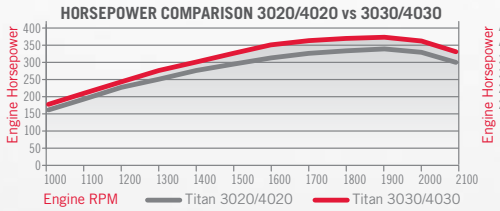
We know just how important those long hours in the field are to your bottom line–and we know what they can do to the operators, too. So Titan 30 Series floaters feature the Case IH Surveyor™ cab to deliver comfort, convenience and more control over the operator environment–with features that make sure you'll be ready to keep rolling as long as it takes to get the job done.

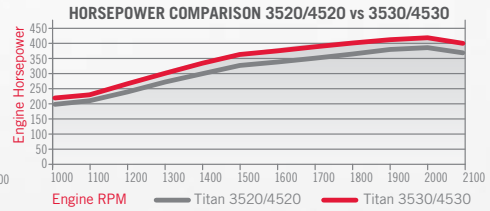
MORE HORSEPOWER PLUS INCREASED FUEL ECONOMY: THAT'S EFFICIENT POWER.

Available in two horsepower ratings, the Titan 30 Series' high-horsepower diesel engines feature the world-class design innovations of FPT Powertrain Technologies. A sister company of Case IH, FPT is a global engine development leader that makes more than 2.6 million engines every year. Engineered for extraordinary quality and durability, and tested and proven by Case IH engineers, this 8.7-liter engine is designed to meet the tough conditions found in agriculture while delivering optimum fuel efficiency and ease of service. FPT world-class design innovations power all Case IH products over 100 hp, delivering Efficient Power to increase responsiveness and fuel efficiency.

SELECTIVE CATALYTIC REDUCTION: TIER 4 COMPLIANCE WITHOUT COMPROMISE.

The Case IH Selective Catalytic Reduction (SCR) emissions solution operates outside the engine, which allows the engine to be tuned for maximum power and performance. This design also leads to better fuel economy and improved engine durability, while still giving you the freedom to choose from all diesel fuel varieties and grades (including biodiesel fuel up to B20 that meets current fuel specifications). And it's been tested and proven, too. Since 2006, more than 100,000 vehicles, equipped with FPT SCR technology, have been sold. SCR works by adding a catalyst to trigger the conversion of nitrogen oxides into nitrogen and water. This catalyst is Diesel Exhaust Fluid (DEF), a nontoxic, non-polluting, nonflammable mixture. SCR emissions technology provides superior power, performance and fuel economy, while reducing harmful particulate matter created by incomplete combustion. Cooler, cleaner, more fuel efficient. No wonder SCR is the Tier 4 compliance system of choice.



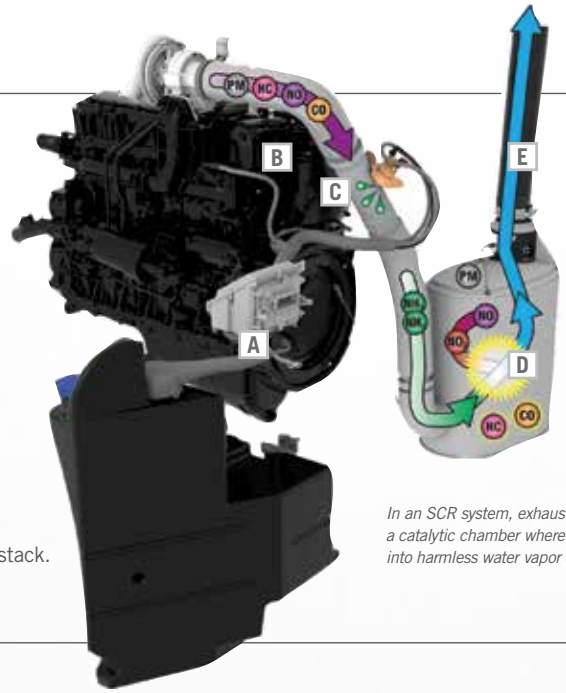


Available in either 330 or 400 HP configurations, the new FPT 8.7-liter engine offers 8-9 percent better horsepower over previous models, with improved efficiency and Tier 4A compliance.

8.7 liter FPT engine

EFFICIENTPOWER EP
MORE PRODUCTIVITY • LESS FUEL

- **A** DEF Supply Module controls the supply of DEF to DEF injector.
- **B** Exhaust gases leave the turbo outlet and travel to DEF injector location.
- **C** DEF injector injects a light mist of DEF into exhaust stream.
- **D** DEF mixes with exhaust gas and neutralizes NOx.
- **E** During the reaction, harmless nitrogen vapor and water vapor is released through the exhaust stack.



In an SCR system, exhaust gas enters a catalytic chamber where it breaks down into harmless water vapor and nitrogen.

THE EXHAUST LOOKS AS CLEAN AS THE INTAKE AIR.

Case IH SCR after-treatment system converts nitrogen oxides into nitrogen and water. The change is triggered by a non-toxic, odorless mixture called Diesel Exhaust Fluid (DEF). Plus, the engine design maximizes power and performance, while reducing particulate matter created by incomplete fuel burning.

A FRESH APPROACH THAT GETS THE MOST OUT OF YOUR FLOATER.

Case IH SCR solution maximizes horsepower because the system is separate from the engine. This design also leads to better fuel economy and improved engine durability, while still giving you more flexibility to choose among diesel fuel varieties and grades.

TECHNOLOGY PROVEN OVER MORE THAN 20 MILLION MILES.

Industry engineers call SCR a must-use solution for meeting stringent Tier 4B emissions standards in 2014. SCR was pioneered with the help of FPT Powertrain Technologies, a Case IH engine partner, and the trucking industry has relied on these fuel-saving systems for years. FPT-powered trucks have traveled more than 20 million miles using SCR technology. SCR is no short-term answer. It's the way forward.

MORE COMFORT MEANS MORE ACRES.

When application windows are narrow and every hour in the field counts, operator comfort is no luxury–it's an absolute essential. Comfortable operators are productive operators and they help boost your bottom line. That's why Titan 30 Series floaters are equipped to let operators work longer with less fatigue. Ergonomic seating, easy-to-reach controls and an ultra-quiet interior are just a few of the features that help make the most out of long days in the field.

PLEASE BE SEATED.

The air-ride seat is adjustable for position, ride firmness and lumbar support to provide a comfortable fit and ride. This exclusive, 40-degree right-hand swivel seat gives you a 180-degree full field of vision that keeps you from having to strain your neck all day. In addition, the instructional seat can be folded down when not in use to provide a convenient workstation with cup holders. There's room to stretch your legs and elevated footrest pegs provide a welcome alternative position as well.

LUXURY CAB OPTION:

- Red leather operator and instructional seat
- Leather wrapped steering wheel
- Carpeted floor mat

TAKE ABSOLUTE CONTROL.

Chassis and application control switches are ergonomically placed–attached directly to the operator's seat or in the headliner to the right of the operator. All spreading and spraying controls are located on the control lever for simple one-handed operation. Cruise control operation is performed using the switches located on the right-hand control console.

NEW SURVEYOR™ CAB.

The cab's four-pillar design provides 132 cubic feet of working space and opens up the view in every direction. The one-piece, curved, tinted, front windshield has more glass than any competitive model and is sloped to reduce glare. There is more than 90 square feet of cab glass for unbelievable visibility. The low-profile hood helps provide an amazing field of view for operating safety and confidence. Sunshades keep the operator cool and comfortable and the cab is pressurized to keep the inside air clean and fresh all day.

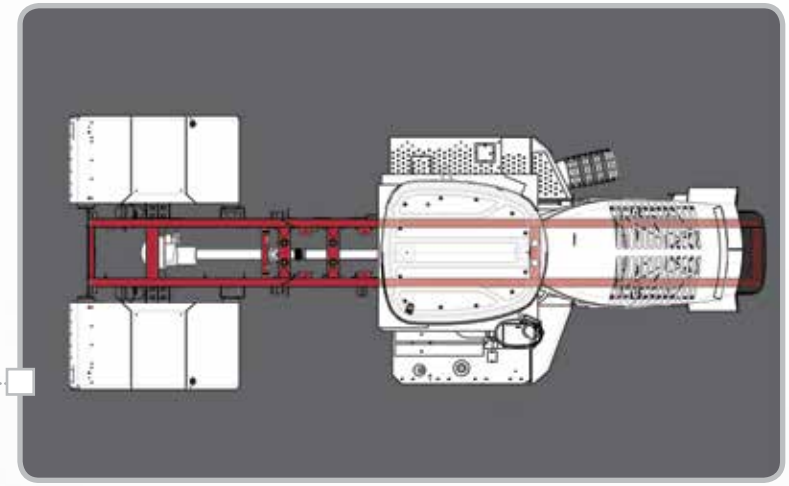
EYES-FORWARD OPERATION.

The wide vista gives the operator an unrestricted view of the field while "heads up" instrumentation and operating information is post-mounted for quick-glance visibility in the operational field of view.

- **A** INSTRUCTIONAL SEAT (SEE IMAGE ON PAGE 8)
- **B** OPTIMA™ AIR-RIDE SEAT
- **C** TILT AND TELESCOPING STEERING COLUMN
- **D** A-POST GAUGES AND READ-OUTS
- **E** AFS PRO 700 TOUCH SCREEN MONITOR
- **F** RIGHT-HAND CONTROL CONSOLE
- **G** RANGE SELECTION DIAL (UNDER ARM REST)
- **H** AUTOMATIC TRANSMISSION PUSH BUTTON CONTROLS
- **I** CLIMATE CONTROLS

BUILT FOR THE BIG JOBS.

Ready to work? So are these floaters. From its solid, durable chassis frame to its robust drivetrain, a Titan 30 Series 3-wheel chassis is designed to work as hard as the rest of your crew during your application windows. For the applicator who needs to stay out in front, both of schedules and the competition, here's the 3-wheel option that's second to none.



ENGINEERED FOR OPTIMUM WEIGHT DISTRIBUTION.

The mainframe of the 3-wheel chassis is built from high-strength, low-alloy (HSLA) cold-formed rectangular steel tubing that delivers four times the life of earlier designs. All frame components are continuously welded, not bolted. That maximizes frame strength and protects mounted components from stress cracking. All this sheer strength is in an open architecture frame design that allows for better airflow to help keep the engine running cool and efficient, hour after hour.

BIGGER KINGPINS.

The front fork assembly design has a large 8-inch shaft diameter at the attachment point and 7 inches at the bearing area, which is 1.5 inches more than the closest competitive design. A 6-degree rake on caster provides the tight turning performance you want from a 3-wheeler.

BETTER BRAKES.

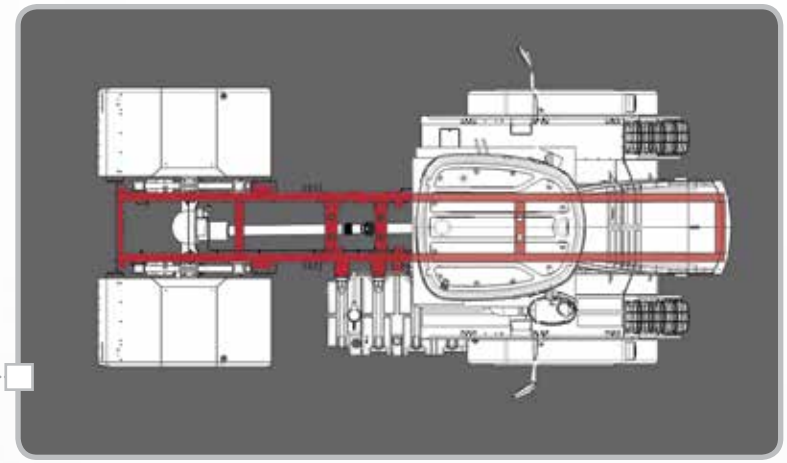
Standard on the 3-wheel Titan 30 Series floater chassis is a "front assist" disc brake that uses air over hydraulic actuation to supply one-fourth of the machine's total braking capability. And it's timed to let the back brakes engage first for improved stability while stopping.

POWER TRAIN DESIGNED FOR THE APPLICATION.

To transfer horsepower and torque to the ground, all Titan 30 Series floaters use a 6-speed Allison automatic transmission and 2-speed rear axle. An optional, factory-installed 2-speed auxiliary transmission doubles the speed range choices, providing four speed ranges with six gears in each range. Operators choose the appropriate range for particular field conditions and desired operating speeds using a simple rotary dial. Both 3-wheel floaters have a big rear axle rated at 34,000 pounds with wheel end planetaries providing the rugged durability required to handle tough terrain and the demands of today's applicators.

DESIGNED FOR SOLID PERFORMANCE.

The performance and productivity of any floater rests solidly on the structural integrity of its frame. That's why 4-wheel Titan 30 Series floaters are designed to withstand the most demanding field conditions. These sturdy frames are built of 10 x 4 x 0.375-inch rectangular cross-section steel tubing. And they're continuously welded, not just bolted together. Welded-in torsion tubes plus top and bottom doublers in key stress areas combine to form a rigid frame that withstands heavy loads and protects the mounted components from field-induced fatigue failures.



HANDLE THE TOUGHEST TERRAIN.

There are two 4-wheel chassis floater models. The Titan 4030 floater offers the 330 horsepower engine, while the Titan 4530 machine features the 400 horsepower version. Both have a massive rear axle rated at 34,000 pounds with wheel end planetaries and a 2-speed air-shift rear end. This ruggedness helps the 4-wheel chassis handle the demands of day-in, day-out spreading and spraying over tough terrain.

STOPPING POWER.

The 4-wheel chassis relies on spring applied, air released drum brakes for effective stopping capability, with front 16.5 x 6-inch shoes with 30 cubic inch chambers and rear 16.5 x 5-inch shoes with 36 cubic inch chambers.

STURDY SPRING SUSPENSION.

To reduce operator fatigue and extend service life, the frame on the 4-wheel chassis is carried by a beefy leaf-spring suspension that cushions the ride for both operators and components.

NEW TIRE OPTIONS.

New front tire options for the 4-wheel chassis include the Goodyear® 54 x 31 x 26 radial with a higher load rating (157 vs 147), the Goodyear 54 x 31 x 26 bias 16 ply, and the Michelin® 750/50R26 radial.

ACCURATE. FLEXIBLE. EFFICIENT.

Precise and predictable product delivery is achievable with the 810 Flex-Air applicator featuring three metering gate heights to match rate requirements with field conditions and ground speeds. Dedicated tubes and adjustable deflectors ensure product application accuracy. The main bin uses an 8-inch auger, while the supplemental bins have dual 6-inch augers to feed the metering systems. Sensor-activated augers keep the product in the hopper at all times.

DESIGNED WITH VERSATILITY IN MIND.

Flexibility allows the 810 Flex-Air applicator to cover more ground with one machine, accurately applying both dry fertilizer and granular herbicides. A generous 287 cubic-foot capacity bin can carry a hefty load of one or two products to meet a variety of field needs. The 810 Flex-Air co-applies, rather than blends, up to three products at a time for unmatched accuracy. And because materials are delivered and metered near the distribution point, changing rates on the fly is quick and easy.

HOW'S THIS FOR EFFICIENT DESIGN?

Co-application bins are mounted externally of the main bin so box capacity isn't compromised. The same for the externally mounted 500-gallon liquid system. A parallel linkage suspension with springs and shock absorbers lets the mid-mount booms float across the field and lay down product evenly. Booms fold forward into the spread position and retract to the rear during road transport for better visibility. Separate hydraulic motors control the conveyor's on/off and left/right shut-off, without high-maintenance gearboxes or clutches. Twin fans are mounted directly behind and under the metering system, with direct air inlet screens for maximum efficiency. And fan speeds as high as 6,000 RPM ensure there's plenty of air volume to carry product down the booms.

HERE'S ONE SYSTEM THAT COVERS A LOT OF GROUND.

From its large tanks to its big booms, and all the plumbing in between, the 610 Liquid System is designed to help applicators cover a lot of acres in a short window. The 12-gauge 304 stainless steel tanks are available in 1,800- and 2,000-gallon capacities. They're equipped with a full-length sump for complete clean out, and internal baffling for product stability. A 2-inch removable sparge tube runs the length of the tank to achieve total product mixing and on-the-go agitation.

BOOMS BUILT FOR LONG-TERM DEPENDABILITY.

The 610 Liquid System is available with either 70- or 60/85-foot boom widths. Both boom options feature a unique design for added strength without extra weight from support trussing. And both self-centering booms have advanced breakaway technology to prevent costly damage.

DESIGNED FOR SPEED AND EFFICIENCY.

The plumbing is designed to move product from tank to boom as efficiently and precisely as possible. To save time, the hydraulically-driven pump features a large load valve for quick tank fill. With optimized, streamlined plumbing to reduce flow restrictions, the entire system is tuned for optimum productivity. And the air-actuated product shut-off valves are enclosed, protecting components from the elements for greater durability and reliability.

NEW LEADER SPREADER OPTIONS.

30 Series floater chassis can also be equipped with a New Leader spreader built by the Highway Equipment Company, available in single or dual product application configurations.

OPTIMUM CONTROL MEANS MAXIMUM EFFICIENCY.

Thoughtfully designed, well laid-out controls let operators make the most of every hour in the field. Advanced control technologies increase accuracy, minimize over- or under-applications, and get every bit of value from each drop or granule you apply. Titan 30 Series floater control options give you a range of ways to get the very most out of your floater, and your application windows.

CASE IH VIPER PRO.

The optional Case IH Viper Pro controller is a touch-screen interface that displays boom status, application rate and pressure readings on a highly visible 10.4-inch screen. It can function as both a stand-alone rate controller and an integral part of guidance or mapping systems. The Viper Pro is available for all versions of the 810 Flex-Air applicator and 610 Liquid System.

AFS PRO 700.

The optional AFS Pro 700 color display puts total control at your fingertips. From just one monitor, you can observe and control both guidance functions and application rates on the 610 Liquid System, as well as track ground speed, acres covered and other variables. Plus, it integrates seamlessly with AFS software to store, view and manage precision farming data, helping you adjust for in-field variability.

Order your Titan floater AFS AccuGuide-ready and then complete the installation with the AFS Pro 700 display, the AFS 372 GPS receiver, and the Navigation II controller. These three components can also be transferred from your AFS AccuGuide-equipped tractor or sprayer onto the floater to minimize the overall technology investment.

AFS GPS RECEIVER.

Available as an optional upgrade for the ultimate in automated accuracy, the AFS 372 GPS receiver provides precise signals for differential correction.

CASE IH SCS 5000.

The optional Case IH SCS 5000 controller provides a quick visual check of critical spraying and spreading functions such as boom and pressure readings. A boom section switch position allows operators to focus their attention on the field. The SCS 5000 controller can be used with the 610 Liquid System and on single bin 810 Flex-Air applicators.

FINGERTIP OPERATION THAT GETS TWO THUMBS UP.

The Allison 6-speed automatic transmission has two programmed shift patterns, a unique feature that can be selected with the Mode select button on the push-button shift control. The primary shift pattern is the normal road shift pattern. It defaults to this pattern whenever the unit is shut off. The secondary shift pattern is the field shift pattern in which the transmission shifts at a speed that is 100 rpm higher than the road shift pattern.

NEW OVERHEAD CONTROL PANEL.

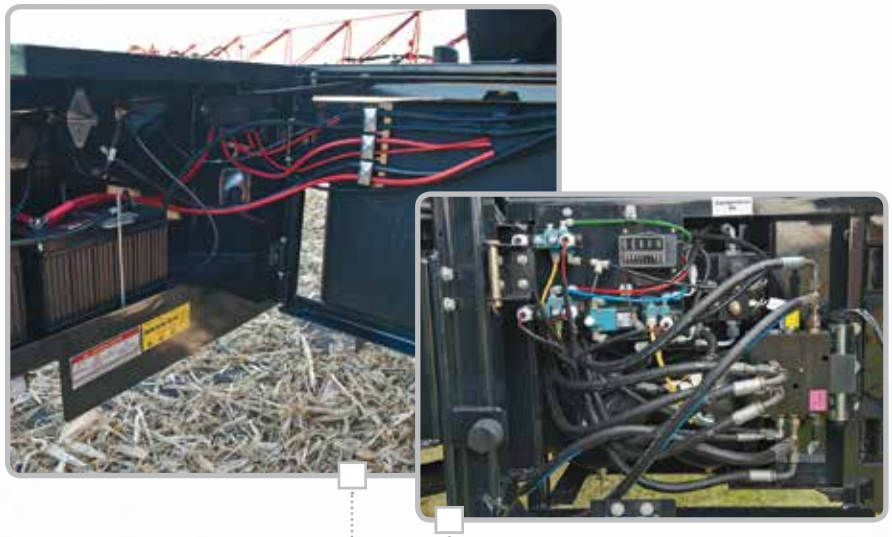
The overhead control panel (right hand headliner) contains switches and controls for the lights, wipers, mirror adjustment and HVAC system.

GET MORE WORK FROM THE WORK DAY.

At Case IH, we make “maximum uptime” one of the pillars of every product we offer. Simply put, that means designing and building equipment that optimizes time in the field every day of their long, productive life. One important way to do that is to make routine maintenance as easy, quick, and trouble-free as possible. This maximizes uptime two different ways. It gets your machine out in the field and productive as quickly as possible every day. And because it makes service so convenient, it increases the chance that nothing gets skipped, and that means a machine that runs better, longer.

WIDE OPEN, EASY ACCESS.

The front-tilt hood of a Titan Series chassis opens easily for access to the engine, coolers and daily checkpoints. The swing-out grille on the Titan 4030 and 4530 floaters opens wide to provide hassle-free access to clean the radiator and cooling system.



MAXIMIZE UPTIME.

On Titan 30 Series floaters, part of what maximum uptime means is valuable design details like easy, open access for simple fluid checks, as well as trouble-free access to batteries, tanks, and engine components. And of course, there's maximum uptime in the big picture too. From top to bottom, these machines are engineered for reliable, season-long performance…season after season.

GROUND LEVEL SERVICE ACCESS.

With swing-out compartments on each side, the Titan 30 Series 3-wheel floater allows ground level service access to the air tanks/compressed air on the left side of the machine and, on the right side, the batteries. A removable electrical disconnect key can be used to shut down the electrical system for machine maintenance or when the unit is stored for an extended period of time.

610 LIQUID SYSTEM LADDER.

A convenient side ladder on the 610 Liquid System gives ground-level access to the walkway and tank top during reloading. Electronic controls let the operator adjust engine speed and product pump speed while manipulating the mechanical butterfly valves. A large red "panic" button shuts down the system in a hurry if necessary. And because the workday often goes past daylight, a remote mounted light brightly illuminates the entire service center area.

3-WHEEL FLOATER SWING-OUT STEPS.

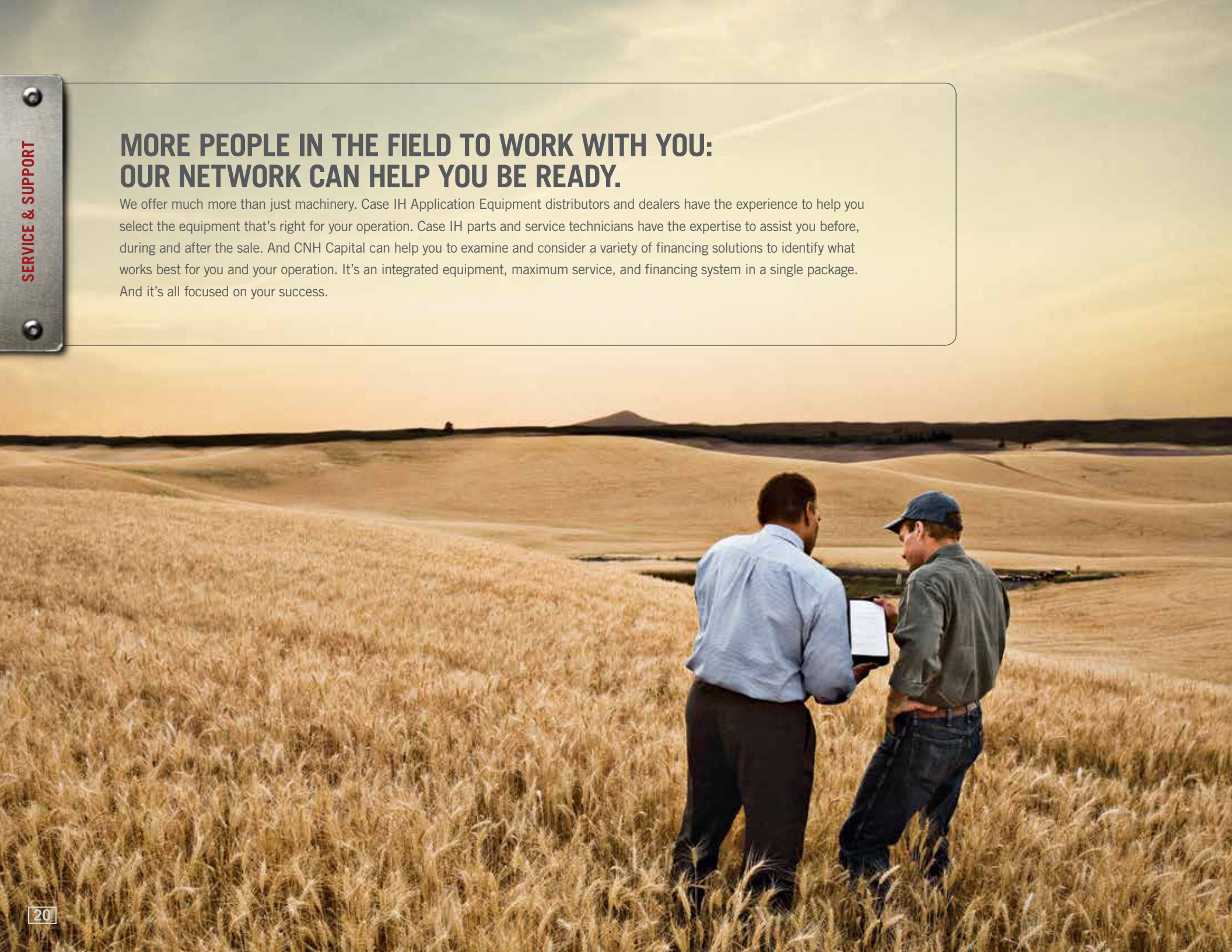
Swing-out steps located on the left-hand side allow access to the engine for routine maintenance and fluid checks. The swing-out steps also provide access to the air system, tanks and valves. An air hose can be attached to a quick release air chuck and used to inflate tires and clean the cooler and radiator.

TITAN LIGHTING OPTIONS.

Finish the job after nightfall. Standard lighting includes halogen lighting in the front hood, cab and service center/booms, along with LED amber turn signals and red tail lights. An optional HID lighting package replaces the halogen work lights in the hood and adds four lights to the rear of the cab roof. Single or dual beacon lights are also available.

MORE PEOPLE IN THE FIELD TO WORK WITH YOU: OUR NETWORK CAN HELP YOU BE READY.

We offer much more than just machinery. Case IH Application Equipment distributors and dealers have the experience to help you select the equipment that's right for your operation. Case IH parts and service technicians have the expertise to assist you before, during and after the sale. And CNH Capital can help you to examine and consider a variety of financing solutions to identify what works best for you and your operation. It's an integrated equipment, maximum service, and financing system in a single package. And it's all focused on your success.



DISTRIBUTORS WHO KNOW YOUR BUSINESS FROM THE GROUND UP.

Case IH Application Equipment distributors and dealers understand that you need to optimize your return on investment. That means getting the right floater, with the right application system, along with application technology and guidance options to fit the demands of your operation. These aren't folks who ask, "What can I sell you?" They're more likely to start with, "Tell me what you need to do."

PARTS AND SERVICE TO KEEP YOU UP AND RUNNING.

Find a full line of Case IH parts and components at your local distributor or dealer. Plus full-service maintenance programs and industry-leading warranties. Here you'll find expertise applied by skilled, factory-trained service professionals committed to providing you maximum uptime, season after season

CNH CAPITAL

FINANCING SOLUTIONS.

CNH Capital's extensive experience in the agricultural industry has created a deep understanding of your unique needs. Competitive equipment financing with flexible payments can be timed to your cash flow. Or, conserve capital and reduce upfront payments with operating and finance leases. For other needs, choose credit cards specific to the agricultural industry. CNH Capital helps you find financing options that best fits your operation.

SPECIFICATIONS	TITAN 3030	TITAN 3530	TITAN 4030	TITAN 4530
ENGINE				
Type	Case IH FPT 8.7 L (531 cu. in.) turbocharged, after-cooled, electronic controlled diesel, Tier 4A			
HP @ 2100 RPM	330	400	330	400
Peak HP @ 2000 RPM	365	415	365	415
Fuel/DEF Capacity	150 gal. (568 L); 28 gal. (106 L)			
TRANSMISSION				
Standard	Allison 3000 RDS 6-speed automatic	Allison 3000 RDS 6-speed automatic with 2-speed Fabco auxiliary	Allison 3000 RDS 6-speed automatic	Allison 3000 RDS 6-speed automatic with 2-speed Fabco auxiliary
AXLE TYPE				
Rear Axle	Axle Tech PRC 674 2-speed with wheel end planetary			
Front Axle	4.52 in. (115 mm) solid shaft, 2.76 in. (70 mm) axle bearings		Axle Tech MS-25, 6.375 in. (162 mm) tubular drop axle	
STEERING				
Standard	Hydraulic with flow control pump and load sensing dual displacement steering valve			
DIMENSIONS				
Frame	12 x 4 x 0.3125 in. rectangular tube with high-strength reinforcement plates		10 x 4 x 0.375 in. rectangular tube	
Wheelbase	268 in. (6.8 m)		180 in. (4.57 m)	
Cab to Axle	114 in. (2.89 m)			
Cab to End of Frame	149 in. (3.78 m)			
Overall Length	338 in. (8.58 m)		303 in. (7.7 m)	
Overall Width	138 in. (3.5 m)		138 in. (3.5 m)	
Overall Height	142.5 in. (3.62 m) with 66/66 in. tires	142.75 in. (3.63 m) with 66/73 in. tires	140.5 in. (3.57 m) with 48/66 in. tires	143 in. (3.63 m) with 54/73 in. tires
WEIGHT				
Standard	22,610 lbs. (10 256 kg)	23,620 lbs. (10 714 kg)	21,550 lbs. (9 775 kg)	22,560 lbs. (10 233 kg)
CHASSIS				
Front Axle (Static)	16,000 lbs. (7 257 kg) vehicle rated capacity		16,000 lbs. (7 257 kg) vehicle rated capacity	
Rear Axle (Static)	34,000 lbs. (15 422 kg) vehicle rated capacity			
Total (Static)	50,000 lbs. (22 680 kg) vehicle rated capacity		50,000 lbs. (22 680 kg) vehicle rated capacity	
BRAKES				
Front	Air (36 cu. in. chamber) over hydraulic applied, 28 in. (711 mm) disc brake with dual piston floating caliper		Air applied 16.5 x 6 in. (419 x 152 mm) with 30 cu. in. chambers	
Rear	Air applied 16.5 x 5 in. with 36 cu. in. chambers			
Park	Spring applied, air released			
TIRES				
Front	66 x 43 x 25 bias, 16 ply; 1000/50R25 radial; 73 x 44 x 32 bias, 16 ply; 1050/50R32 radial		54 x 31 x 26 bias, 16 ply; 54 x 31 x 26 radial; 750/45R26.5 radial; 750/50R26 radial	
Rear			66 x 43 x 25 bias, 16 ply; 1000/50R25 radial; 73 x 44 x 32 bias, 16 ply; 1050/50R32 radial	
SURVEYOR™ CAB				
Frame	132 cu. ft. of interior space and 90.1 sq. ft. of total glass area			
Seat	Optima™ air seat		Optima™ air seat	
BATTERIES				
Standard	Two 12-volt heavy-duty, low maintenance, 950 CCA			
PAINT				
Standard	Roof, bottom and side panels, hood and frame: Two part urethane. Cab metal parts: Thermal set acrylic			

TITAN SERIES APPLICATOR SPECIFICATIONS

810 FLEX-AIR™ APPLICATOR	
Main Bin Capacity	**Single:** 287 cu. ft. (8.1 m^3) or **Split:** 116 cu. ft. (3.3 m^3) front & 171 cu. ft. (4.8 m^3) rear*
Co-applicator Capacity	50 cu. ft. (1.4 m^3) – with or without augers from the supplement bin
Capacity Options	**Single bin:** 287 cu. ft. (8.1 m^3) **Double bin:** 287+50 cu. ft. (8.1+1.4 m^3) without supplemental augers; 171+175 cu. ft. (4.8+5.0 m^3) with supplemental augers **Triple bin:** 171+125+50 cu. ft. (4.8+3.5+1.4 m^3) with supplemental augers
Weight	**Single bin:** 6,560 lbs. (2 976 kg) **Double bin:** (50 cu. ft.) with augers (estimate): 7,500 lbs. (3 402 kg) **Triple bin:** (50 cu. ft.) with augers: 7,680 lbs. (3 484 kg)
Width	11 ft. 11 in. (3.6 m) - booms folded
Length	14 ft. 4 in. (4.4 m)
Height	7 ft. 3 in. (2.2 m)
Metering System	Synchronized right and left side conveyers meter product into 20 individual venturi tubes for delivery to each boom outlet. Conveyer belts are 26.5 in. (673 mm) EPDM chemical resistant material. Right or left boom shutoff eliminates double application.
Boom†	60 ft. (18.3 m) mid-ship mounted, 20 adjustable outlets spaced at 36 in. (91 cm) (available with 2.5 or 3.0 inch tubes); 70 ft. (21.3 m) mid-ship mounted, 20 adjustable outlets spaced at 42 in. (107 cm) (available with 2.5 inch tubes only)
Controls	Case IH SCS 5000 controller for Single bin configuration, with or without Liquid product systems. Case IH Viper Pro controller for any Flex-Air configuration.
Hopper Material	409 stainless steel
Hopper Screen	Stainless steel with hinged access manhole that completely covers the top of the hopper. Flip top hopper cover is optional. Ladder is located on left side.
Blower (Fans)	Dual high volume centrifugal, up to 100 plus mph air velocity
Spreading Capacity††	1,440 lbs. (653 kg) per acre @ 10 MPH – 60 ft. boom w/3 in. (76 mm) tube; 950 lbs. (431 kg) per acre @ 10 MPH – 70 ft. boom w/2.5 in. (63.5 mm) tube
In-Field Rate Change	Virtually instantaneous rate changes on the go
Co-Applicators	50 cu. ft. (1.4 m^3) - with or without augers from the supplement bin
Pressure Washer	Optional - 2,000 psi
Liquid Plumbing System	Optional - 500 gal. (1 893 L) poly tank/75 gal. (284 L) poly rinse tank
- Pump	Centrifugal pump with 2 in. (51 mm) inlet and 1.5 in. (38 mm) outlet
- Weight	540 lbs. (245 kg)
- Boom	316 stainless steel boom tubes with nozzles spaced at 30 in. (762 mm)
Chemical Inductor	Optional - Stainless steel - parallel linkage to retract; Includes tank rinse, jug rinse and jug opener
Foam Marker	Optional - 70 gal. (265 L) poly tank; RH & LH operation; Adjustable output

610 LIQUID SYSTEM	
Product Tank	304 Stainless Tank - 1,800 or 2,000 gal. (6 814 or 7 571 L); 12 gauge shell; Dome heads; Internal baffle - 1 on 1,800 gal. & 2 on 2,000 gal.; Full length sump; 2 in. (51 mm) removable sparger tube; Top tank venting 1.5 in. (38 mm) sight gauge w/stainless steel indicator; Product tank is neoprene rubber mounted on three wide band skids on 1,800 gal. tank (four wide band skids on 2,000 gal. tank) located in the same area as the dome and baffle. Skid mounted to chassis frame with hardwood spacer.
Boom	Boom options are 70 ft. and 60/85 ft. (21.3 and 18.2/25.9 m). The 70 ft. (21.3 m) and 60/85 ft. (18.2/25.9 m) are available with 1.5 in. (38 mm) hose with nozzles spaced at 30 and 60 in. (762 or 1524 mm). 60/85 ft. booms are also available with a 2 in. (51 mm) stainless steel wetboom with 30 in. (762 mm) spacing. All boom options include nozzle stops.
Capacity	Tank: 1,800 or 2,000 gal. (6 814 or 7 571 L) Weight: 1,800 gal. - 7,370 lb. (3 343 kg); 2,000 gal. - 7,620 lb. (3 456 kg) Width: 12 ft. (3.66 m) booms folded Length: 28 ft. (8.5 m) Height: 8 ft. (2.4 m)
Plumbing	4 in. (10 cm) suction hoses from tank to pump 4 in. (10 cm) tank shutoff valve 4 in. (10 cm) suction valve 4 in. (10 cm) load valve 3 in. (7.6 cm) throttling valve 2 in. (5 cm) valves are used for the sparger control and dual 2 inch (5 cm) air-operated boom feed valves
Product Pump	Defco 7600 (hydraulic driven)
Controls	Case IH SCS 5000, Case IH AFS Pro 700, Case IH Viper Pro
Foam Marker	Optional - 70 gal. (265 L) tank; RH & LH operation; Adjustable output
Pressure Washer	Optional - Low pressure internal tank rinse/external tank wash; Low pressure internal tank rinse/external tank wash and external high pressure washer (2,000 psi)

* 116 cu. ft. (3.3 m^3) front bin is the supplement bin / 171 cu. ft. (4.8 m^3) rear bin is main product bin.

† All boom options configured with 3.0 inch rear tubes (4) in the center of the machine. All booms are horizontal floating and feature the patented Field Leveler independent suspension. Right and left shutoff is standard for half swath applications.

†† Using 65# density material.

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