

TITAN™ 40 SERIES FLOATERS



MORE POWER. ENHANCED PRODUCTIVITY.

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 40 series 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. Their new Tier 4 B/Final compliant engines use Case IH exclusive Selective Catalytic Reduction (SCR)-only technology to meet emissions regulations while delivering more power with less fuel. So you can be ready, with all the power and capacity you need, when the time is right. You're ready to deliver more, and Case IH Titan 40 series floaters are ready when you are.

BE READY.





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EFFICIENT POWER AND RUGGED DESIGN ENHANCE PRODUCTIVITY.

Built to get more done every day and pack more productive days into every season, Titan 40 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 40 series floaters feature Case IH FPT high-horsepower engines with industry-leading SCR (Selective Catalytic Reduction) Tier 4 B/Final 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 and longer service intervals, these machines deliver all the performance you've ever wanted in a floater.

SIMPLE TO SERVICE FOR MAXIMUM UPTIME.

Easy access to service and maintenance items allows for quick checks and routine inspections, getting you back in the field sooner. Thanks to the patented SCR-only engine technology that works inside the exhaust system—not in the engine—the engine oil change interval is 600 hours. Our frames and booms are designed for maximum strength, durability and unmatched reliability so your Titan 40 series floater is ready to run hard whenever you are.

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 operators, too. So Titan 40 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.

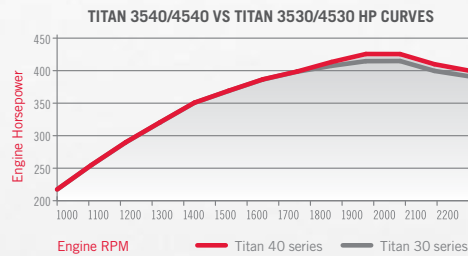
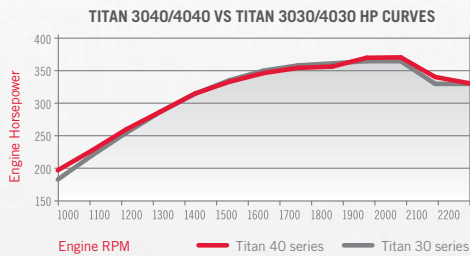
Available in two horsepower ratings, the Titan 40 series' high-horsepower diesel engines feature the world-class design innovations of FPT Powertrain Technologies. A sister company of Case IH, FPT is a global engine development leader that makes more than 2.9 million engines every year. Engineered for extraordinary quality and durability, and tested and proven by Case IH engineers in Burr Ridge, IL 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 horsepower, 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 400,000 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 fluid efficient. No wonder SCR is the Tier 4 compliance system of choice.



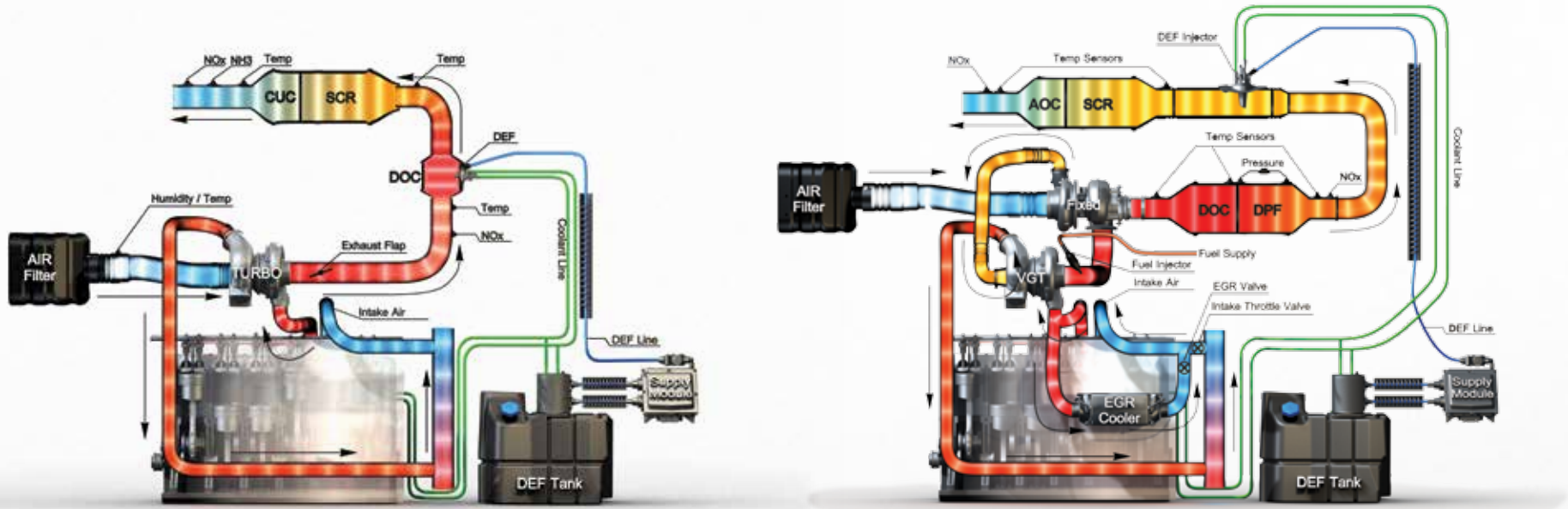
8.7-liter FPT engine



Available in either 340 or 410 horsepower configurations, the FPT 8.7-liter engine offers 3 percent more horsepower than previous models, with improved efficiency and Tier 4 B/Final compliance.

CASE IH TIER 4 B/FINAL SOLUTION EXCLUSIVE AND PATENTED.

If an SCR-only solution works so well, why doesn't every manufacturer offer it? The simple answer is they can't. The technology that lets Case IH achieve Tier 4 B/Final standards without adding EGR and DPF components is proprietary and patented. The Tier 4 B/Final SCR system is fundamentally similar to the system used for Tier 4A, with only a few new components added to meet the Tier 4 B/Final mandate. The new components provide the following enhancements: improved system monitoring, better NOx conversion and better control of exhaust temperatures in cold applications. The Case IH FPT edge is an exclusive one. It is the right solution, right from the start.



System component size varies from one machine application to another. Component sizes shown here are approximate and not to scale.

SCR-ONLY SOLUTION: CLEAN & SIMPLE.

The Case IH Selective Catalytic Reduction (SCR) solution is a true exhaust after-treatment system, with all of the emissions components located on the exhaust.

- Single SCR-only solution does it all with class-leading power that does not compromise efficiency
- Treats exhaust outside the engine, without added complexity
- No additional emission systems, and no operational changes from Tier 4A to Tier 4 B/Final
- Service requirements and engine exposure to soot and carbon minimized
- Easy to service with industry-leading 600 hour oil change interval
- Exclusive, patented SCR-only Tier 4 B/Final design delivers 95% NOx conversion efficiency vs. competitive systems that provide only 80–85% efficiency
- Designed to optimize fuel efficiency
- 53,000+ Case IH SCR-only engines, 25 million+ operating hours in North America

HYBRID SOLUTION: CLUTTERED & COMPLEX.

If it looks a little cramped and cluttered under the hood of a machine with a hybrid EGR/Diesel Particulate Filter (DPF)/SCR emissions system, that's because it is.

- Operating a hybrid system means compromised performance and more complexity (and heat) than ideal
- Added engine parts throttle back power and performance
- EGR valve means higher operating temperatures and fuel costs
- More parts, more service, more maintenance expense

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 40 series floaters are equipped to let operators work longer with less fatigue. Ergonomic seating, easy-to-reach controls, an ultra-quiet interior and Bluetooth® and satellite radio capability 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 seats
- Leather wrapped steering wheel
- Carpeted floor mat
- Heated and ventilated operator seat with extendable/retractable lower seat cushion



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. The most commonly used 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.



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)

C TILT AND TELESCOPING
STEERING COLUMN

E CASE IH VIPER 4
CONTROLLER

G RANGE SELECTION DIAL
(UNDER ARM REST)

I CLIMATE CONTROLS
(NOT SHOWN)

B HEATED AND VENTILATED SEAT
WITH SLIDE-OUT CUSHION FOR
LEG SUPPORT – LUXURY CAB
PACKAGE ONLY

D A-POST GAUGES
AND READ-OUTS

F RIGHT-HAND CONTROL
CONSOLE

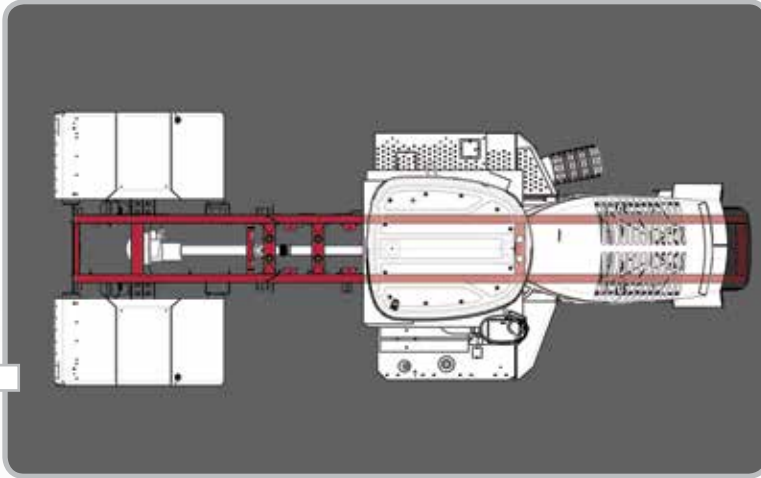
H AUTOMATIC TRANSMISSION
PUSH BUTTON CONTROLS

J BLUETOOTH, AUXILIARY
INPUTS, AND SATELLITE
RADIO CAPABILITY
(NOT SHOWN)

BUILT FOR THE BIG JOBS.

Ready to work? So are these floaters. From its solid, durable chassis frame to its robust drivetrain, a Titan 40 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 DURABILITY.

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 40 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.



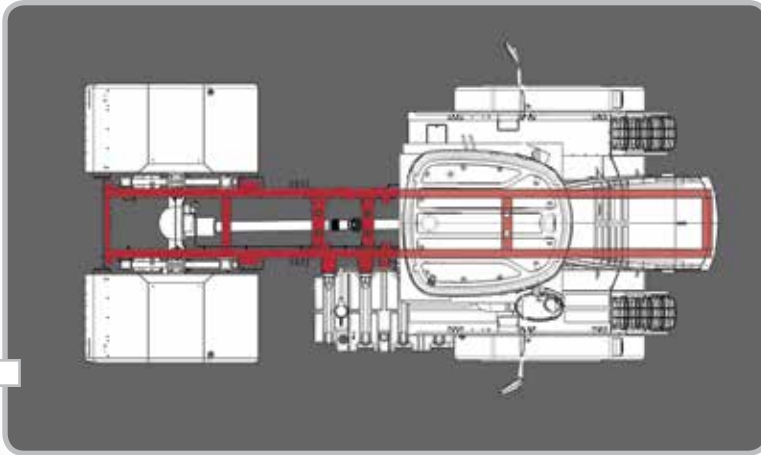
POWER TRAIN DESIGNED FOR THE APPLICATION.

To transfer horsepower and torque to the ground, all Titan 40 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.

HANDLE THE TOUGHEST TERRAIN.

There are two 4-wheel chassis floater models. The Titan 4040 floater offers the 340 horsepower engine, while the Titan 4540 machine features the 410 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 manage field and operator demands.





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 40 series floaters are designed to withstand the most demanding field conditions. These sturdy frames are built of 10×4×0.375-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.

STOPPING POWER.

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

TIRE OPTIONS.

Front tire options for the 4-wheel chassis include:

- Goodyear® 54×31×26 radial
- Goodyear 54×31×26 bias 16 ply
- Michelin® 750/50R26 radial
- Alliance 750/45R×26.5 tire with stubble guard (pictured here).

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.

- Accurately applies both dry fertilizer and granular herbicides
- Generous 287 cubic-foot capacity bin
- Co-applies (rather than blends) up to three products at a time for unmatched accuracy
- Materials 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.
- Parallel linkage suspension with springs and shock absorbers lets booms float evenly
- Booms fold forward to spread and rearward for transport for good visibility
- Separate hydraulic motors control the conveyor's on/off and left/right shut-off: no high-maintenance gearboxes or clutches
- Twin fans mounted behind and under the metering system for maximum efficiency
- Fan speeds up to 6,000 RPM move 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.

- 70- or 60/85-foot boom widths
- Unique boom design adds strength without extra trussing weight
- Self-centering booms with advanced breakaway technology prevent costly damage

DESIGNED FOR SPEED AND EFFICIENCY.

- Plumbing design efficiently moves product from tank to boom
- Hydraulically-driven pump with large load valve for quick tank fill
- Streamlined plumbing reduces flow restrictions
- Enclosed air-actuated product shut-off valves protect components from the elements

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.



CASE IH VIPER 4.

The optional Case IH Viper 4 controller is a touch-screen interface that displays boom status, application rate and pressure readings on a highly visible 12.1-inch screen. It can function as both a stand-alone rate controller and an integral part of guidance or mapping systems. The Viper 4 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 lets you 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.



AFS CONNECT™ AVAILABLE WITH AFS PRO 700 DISPLAY.

Case IH AFS Connect gives you instant access to information about every machine in your fleet - from applicators to road vehicles. Location, fuel level, vehicle data and application data are just a few pieces of information accessible at any time through the simple-to-use web browser via any PC, tablet, or smart phone. AFS Connect uses advanced, flexible telematics technology that offers intuitive, easy operation. Information is updated every minute and users can view most parameters in real time. Transfer files from the vehicle to your home office PC for more efficient and reliable data management. AFS Connect features include the ability to monitor vehicle performance, schedule maintenance alerts and view reports. AFS Connect can help you save time and cut costs across your entire operation. Ask your Case IH distributor for more information.



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.

TAKE 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. The most commonly used 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.

610 LIQUID SYSTEM
CONTROLS SHOWN HERE

- | | | | | | |
|---|------------------------------------|---|----------------------------------|---|--|
| A FOAM MARKER
MANUAL OVERRIDE | E MULTIFUNCTION HANDLE | I CONTROL PANEL | M AUTO-SHIFT LOCKOUT | Q RIGHT OUTER BOOM TIP FOLD | U PARKING BRAKE ON/OFF |
| B LEFT BOOM CONTROL | F CRUISE CONTROL ON/OFF | J ALLISON TRANSMISSION
SHIFT SELECTOR | N SPARGE PRESSURE CONTROL | R BOOM WIDTH SELECTION -
60 FT OR 85 FT | V ARMREST COMPARTMENT
(SPEED RANGE DIAL LOCATED
INSIDE) |
| C SPRAY ON/OFF | G CRUISE CONTROL SET/RESUME | K FENCE ROW NOZZLE CONTROL | O FOAM MARKER ON/OFF | S LEFT OUTER BOOM TIP FOLD | W HIGH SPEED/LOW SPEED
CRUISE CONTROL |
| D RIGHT BOOM CONTROL | H BOOM UNLOCK/LOCK | L BOOM SECTION CONTROLS | P FOAM VOLUME CONTROL | T MASTER POWER ON/OFF | X PALM REST ADJUST |

GET MORE WORK FROM THE WORK DAY.

At Case IH, we design and build equipment that optimizes time in the field every day. That's why routine maintenance of Titan floaters is as quick and easy as possible. This maximizes uptime two ways. It gets your machine out in the field and productive as quickly as possible every day. And because service is 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 4040 and 4540 floaters opens wide to provide hassle-free access to clean the radiator and cooling system.



4040

CASE IH
TITAN



GROUND LEVEL SERVICE ACCESS.

With swing-out compartments on each side, the Titan 40 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 SERVICE CENTER.

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 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 Deluxe lighting package replaces the halogen work lights in the hood and includes additional lights to the rear of the cab roof. Single or dual beacon lights are also available.

NEW LEADER CROP NUTRIENT APPLICATOR.

NEW LEADER G4 SPINNER SPREADER.

Mounted on a Case IH Titan Floater chassis, The New Leader® G4 spinner spreader provides an alternative for spreading dry fertilizer, urea, ag lime and wet lime. New Leader sources, manufactures and tests every component to maximize the swath width and ensure an accurate spread pattern.

MULTIBIN.

The MultiBin increases efficiencies by broadcasting materials from three or four bins, independently or together, for straight and variable rate applications. The front hoppers dispense fertilizer products while the hoppers at the rear dispense micro-nutrients or seeding products.

SEE YOUR NEW LEADER
DEALER FOR SALES,
PARTS AND SERVICE
INFORMATION.



NEW LEADER SPINNER SPREADER CAPACITIES	
	Cubic ft. (cu. m)
Struck capacity L4000 w/o MultiBin	277 (7.84)
Struck capacity L4000 with MultiBin	127 (3.60)
Struck capacity MultiBin Bin 2	143 (4.05)
Struck capacity MultiBin Bin 3	23 (.65)
Struck capacity MultiBin Bin 4	21 (.59)



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."



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 distributor or dealer. If you need service, parts or just have a question, Case IH staff will quickly respond to your unique situation. Your Case IH distributor or 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 distributor or dealer and Max Service are here for you whenever you need help at 1-877-4CASEIH.



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 applicators 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.

SPECIFICATIONS	TITAN 3040	TITAN 3540	TITAN 4040	TITAN 4540
ENGINE				
Type	Case IH FPT 8.7 L (531 cu. in.) turbocharged, after-cooled, electronic controlled diesel, Tier 4 B/Final			
HP @ 2100 RPM	340	410	340	410
Peak HP @ 2000 RPM	370	425	370	425
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 F-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	12×4×0.3125 in. rectangular tube with high-strength reinforcement plates		10×4×0.375 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	22,900 lbs. (10 387 kg)	24,000 lbs. (10 886 kg)	21,930 lbs. (9 947 kg)	22,940 lbs. (10 405 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 16.5×6 in. (419×152 mm) with 30 cu. in. chambers	
Rear	Air applied 16.5×5 in. with 36 cu. in. chambers			
Park	Spring applied, air released			
TIRES				
Front	66×43×25 bias, 16 ply; 1000/50R25 radial;		54×31×26 bias, 16 ply; 54×31×26 radial; 750/45R26.5 radial; 750/50R26 radial	
Rear	73×44×32 bias, 16 ply; 1050/50R32 radial		66×43×25 bias, 16 ply; 1000/50R25 radial; 73×44×32 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			
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 cu. m) or Split: 116 cu. ft. (3.3 cu. m) front & 171 cu. ft. (4.8 cu. m) rear*
Co-applicator Capacity	50 cu. ft. (1.4 cu. m) – with or without augers from the supplement bin
Capacity Options	Single bin: 287 cu. ft. (8.1 cu. m) Double bin: 287+50 cu. ft. (8.1+1.4 cu. m) without supplemental augers; 171+175 cu. ft. (4.8+5.0 cu. 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 cu. m) - 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 cu. m) front bin is the supplement bin / 171 cu. ft. (4.8 cu. m) 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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