



# FLX SERIES FLOATERS



## PROFIT-DRIVEN PERFORMANCE

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Driven. It's what you need to be in a business based on short, stressful seasons. That's why Case IH designed the **FLX Series floaters** to handle those demands for more power, efficient performance and greater revenue potential. These floaters will impress your customers, your operators, and your accountant — all at the same time!

### Delivering Dependability Day In and Day Out

Because Case IH engineers understand the value of uptime, FLX Series floaters are designed with durability in mind from top to bottom.

In fact, frames on the 3-wheel chassis have four times the frame life and twice the frame strength of their predecessors. Reliable and rugged FLX Series floaters will help you get more done in a day and have more productive days in each season...because in this race, the only way to finish first is to run to the end.

### Comfortable Cab for Increased Productivity

At first glance, it's clear these floaters look sharp with a stylish, forward-sloped hood that also

improves visibility and reduces glare. It's something you really notice sitting inside the spacious Surveyor™ cab. That's where you expect your operators to log long days, so helping them stay alert and at work is a key factor in the profitability equation. Give your business a boost by turning a few heads out in the field... from current accounts to potential customers and even your competitors.



## Make Your Margins With More Power

Inside an FLX Series floater is a 305- or 365-hp engine with extra torque and horsepower growth to get you through soft spots and over hills. Industry-leading power management and fuel efficiency further support an investment destined for great returns.

## For Those Who Demand More

Case IH is committed to providing application equipment solutions that not only meet customer expectations, but exceeds them. Customer input and solid engineering goes into every piece of Case IH Application Equipment, providing the agricultural industry with a world-class product line "For Those Who Demand More."

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## SURVEY THE SUPERIOR ENVIRONMENT

After you've admired the stylish sloped hood, climb inside the cab and see how it really looks. With 113 cubic feet of interior space and 67 square feet of glass, the **Surveyor™ cab** environment is everything an operator could want — plenty of leg-room, unbelievable visibility, easy to use ergonomically positioned controls, and a comfortable seat.

You may recognize the room around you as very similar to the highly popular cab of the industry-leading STEIGER® tractor. Because floater operators tend to put in more than their fair share of full days behind the wheel, it makes sense to have superior creature comforts at your fingertips — such as an Optima™ air-ride seat with mounted control center that moves with you.

The joystick controls primary spreading/spraying functions, along with cruise control and deceleration. The joystick and controls for the application system are conveniently located on the floating control console for easy operation. The heads-up instrumentation is in the right-hand A-post so your eyes stay on the field and on target. The display gives critical info at a glance without distractions.

Comfort is another critical component of logging more hours in the machine. Climate control includes 11 properly positioned vents for efficient heating and cooling whether it's spring or fall. A charcoal-filtered

cab keeps the interior air clean and can be monitored using the positive pressure gauge.

What more could you want? How about "necessities" such as five auxiliary power outlets, three cupholders, three storage spaces, front and rear sun visors, windshield washer and wipers and standard stadium-style lighting.

Even entry and exit from this cab are something special. The wide full-length door on the left side has a roomy platform that also allows for front access. A full-length window on the right side opens for ventilation, emergency egress and electrical access.

The extra hours spent in this cab won't seem quite as long. And that adds up to extra income potential for your business... talk about true value!

*With adjustable lumbar support and seven other seat adjustments, the Optima seat uses a scissor-action linkage to float for an enjoyably smooth ride. An instructional seat doubles as a beverage holder and storage compartment. The soft-grip steering wheel and column tilt and telescope to find just the right position, and we even included elevated footrest pegs for a relaxed ride.*



*Ergonomically positioned controls on the right-hand armrest are mounted to the seat to ensure simple, effortless operation of all functions. Spreading/spraying boom controls are on the joystick, as well as resume/decelerate for the cruise control, which is engaged and set by the adjacent rocker switch.*

# CAB AND CONTROLS

*The cab's four-pillar design opens up the view in every direction. The one-piece curved, tinted and laminated windshield is sloped to reduce glare. The cab gives you a full 67 square feet of glass for unbelievable visibility. The low-profile hood helps provide an amazing field of view for operating safety and confidence.*





## POWER UP YOUR PRODUCTIVITY PER DAY

With powerful, fuel-efficient engines, high-capacity cooling and rugged transmissions, FLX Series floaters from Case IH give you the performance you've always wanted in a floater...and then some! The added value of this revolutionary design will be evident after the first full day in the field.

### Efficient Engines

A 9-liter Case IH Tier III Pegasus engine generates 305 hp for the FLX3020/FLX4020 and the Case IH Tier II 9-liter Pegasus engine delivers 365 hp in the FLX3520/FLX4520. With 1070 and 1180 ft-lbs. of peak torque at 1400 RPM respectively, the Tier III engine provides a 35 horsepower growth while the Tier II engine provides 15 horsepower growth to get you through the soft spots and up the steep hills.

Both engines are rated at 2100 RPM for enhanced economy, longer life and less noise. These engines are also very fuel efficient as the electronic fuel control system provides the engine with the perfect amount of fuel at the proper time. And the 150-gallon fuel tank gives you more application time in the field.

Built to put every ounce of horsepower to good use with optimized torque curves, these engines put power to the ground that's more constant and stable, while providing the necessary extra power to handle demanding applications. The new electronic engines have built-in flexibility with "Field Tuned" power curves to match application needs. Engine timing automatically adjusts with the load to improve performance on the go as conditions change.

### High-Capacity Cooling

Equipped with a "square wave" ag radiator that features a 1254-square-inch cooling core, the FLX Series floater cooling system offers improved air flow and cooling efficiency. The open-fin design helps prevent plugging common with louvered designs. The large "air box" on the 3-wheel chassis has 16.7 square feet of screened surface area. The 30.5-inch fan quietly moves high volumes of air at medium pressure through the radiator core.

### Rugged Transmissions

A 6-speed Allison push-button automatic transmission is standard on all FLX Series floaters. It's programmed for torque converter lockup starting at second gear to help eliminate heat buildup and ensure maximum power utilization.

A unique Case IH feature that makes it even easier to operate an FLX Series floater — two pre-programmed shift patterns for road and field can be chosen using the MODE select button.

A factory-installed 2-speed auxiliary transmission doubles the speed range choices. It's standard on the FLX3520 and FLX4520 and optional on the FLX3020 and FLX4020. Thanks to "switch logic," the result is four speed ranges with six gears in each range. Use the rotary dial range selector to choose the appropriate range for your particular field conditions and desired operating speeds.



**High-capacity cooling and convenient access.** *The FLX Series floaters not only boast a huge cooling system, but the flip-up hood and swing-out front grille on the FLX4000 Series allow for easy cooling system access. Cleaning out debris is quick and simple before you start your productive day.*



**Push-button productivity.** *Two pre-programmed shift patterns are at your fingertips for simplified operation. The standard road shift pattern is the primary mode. A second shift pattern is for field operation where application system requirements or field conditions warrant a higher RPM shift pattern.*

## 3-WHEEL CHASSIS

If you're in the market for a 3-wheel floater chassis, you owe it to yourself to carefully consider the features that put the **FLX3020 and FLX3520 floaters** ahead of the competition. From the solid structure to the smooth, stable ride, an FLX Series 3-wheel chassis will work as hard as you expect your crew to during those prime application windows.

### Built With More Beef

The mainframe muscle of the 3-wheel chassis is made of high-strength, low-alloy (HSLA) cold-formed rectangular steel tubing that delivers four times the life of previous designs. The frame components are continuously welded to maximize frame strength and protect 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 cool.

### Kingpin Gets the Royal Treatment

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 Braking

Standard on the 3-wheel FLX 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.

### Tough axles can take it

Both 3-wheel floaters have a big rear axle rated at 34,000 pounds with a wheel-end planetary and 2-speed air-shift rear end. This ruggedness helps the 3-wheel chassis handle the demands of day-in, day-out spreading and spraying over tough terrain.

Ask your local Case IH application equipment distributor for full details and demo a 3-wheeler today.





# FLX3020/FLX3520



**Increased stopping power.** A front “assist” brake is standard on the FLX3020 and FLX3520 to supply 25% of the unit’s total braking capability.



**Strength by design.** What could be more important than the strength of the control center of your machine — the kingpin! A large diameter shaft in the front fork assembly ensures the reliability and durability you have come to expect from Case IH.

## 4-WHEEL CHASSIS

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If you're looking to add a 4-wheel floater to the fleet, you should first take a long, hard look at the **FLX4020 and FLX4520 floaters** from Case IH.

The productivity of a floater rests heavily on the structural integrity of the frame. That's why Case IH FLX Series floaters are designed to withstand the most demanding field conditions. The frames are built of 10 x 4 x 0.375-inch rectangular cross-section steel tubing that is continuously welded - not simply bolted together. Welded-in torsion tubes and top and bottom doublers in key stress areas form a rigid frame that withstands heavy loads and protects all mounted components from fatigue. The 303-inch overall frame length accommodates the cab and sloped hood while retaining the same 180-inch wheelbase as previous designs.

Both 4-wheel chassis floaters have a big rear axle rated at 34,000 pounds with a wheel-end planetary and 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. To reduce operator fatigue, the frame on the four-wheel chassis is carried by a beefy leaf-spring suspension that softens the ride.

The 4-wheel chassis relies on air-applied, spring-released drum brakes for effective stopping capability. Front 16.5 x 6-inch shoes with 30 cu. in. chambers and rear 16.5 x 5-inch shoes with 36 cu. in. chambers do the job for the FLX4020 and FLX4520.

Talk to your local Case IH application equipment distributor about the 4-wheeler floater models and make an appointment to demo one for yourself.



# FLX4020/FLX4520



## ACCURATE CO-APPLICATION FOR STABLE SPREADING

With the greater flexibility of an **FLX810 Flex-Air applicator**, you can cover more fields from one floater while accurately applying dry fertilizer and granular herbicides.

Its large 287 cubic-foot capacity bin is versatile enough to carry a hefty load of one or two products to address a variety of field needs.

For up to 3 dry products, the FLX810 co-applies rather than blends for unmatched accuracy. What's more, materials are delivered and metered near the distribution point, allowing you to rapidly change rates on the go. Factory-tuned venturies help put product down in an evenly spread pattern.

**Choose from two sizes of co-ap bins** — 37 or 50 cu. ft. — that are mounted externally of the main bin so that box capacity is not compromised. The same applies to the externally mounted 500-gallon liquid system.

Mounted over the chassis' center of gravity instead of hanging off the rear of the machine, **FLX810 mid-mount booms** form a stable spreading platform with reduced boom hop. Thanks to parallel linkage suspension with springs and shock absorbers, the booms float across the field and lay down product evenly. Booms fold forward into the spread position and retract to the



*The FLX810 co-ap bins are easy to access and service. Both bins tip out for easy cleaning and extra large doors ease tendering. Both the co-ap bins and the auger housing are lit to help extend your hours of operation.*

rear for better visibility during road transport. Choose 2.5- or 3-inch diameter booms in 60-foot or 2.5-inch diameter booms in 70-foot lengths.

Along with a clean, efficient hydraulic system, the **dual conveyor belt system** (one per boom) ensures proper application rates and reduces product buildup.

Product travels just 21 inches before dropping into the air system, reducing hydraulic pressure and belt stretch. Separate hydraulic motors control the conveyors on/off and left-right shut-off, meaning no added maintenance from gearboxes or clutches.

**Twin fans** are mounted directly behind and under the metering system with direct air inlet screens for maximum efficiency. Air is transferred to the venturi system, which accelerates the air to maximum velocity. Fan speeds as high as 6000 RPM ensure there's enough air volume to carry product down the booms.

Precise product delivery is predictable because **three metering gate heights** allow the operator to match rate requirements with field conditions and ground speeds. Vertical product dividers evenly split the flow of product for each venturi tube. Dedicated tubes and 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 wheel hoppers. Sensors activate augers to keep the product in the hopper at all times. **Auger product transfer** from box to belt eliminates potential product sensitivity problems because there are no "v-hoods" or conveyor chains needed.

# FLX810 FLEX-AIR APPLICATOR



## LIQUID SYSTEMS BUILT FOR LONG-TERM DEPENDABILITY

Liquid fertilizer placement has never been easier or more accurate than with the **FLX610 Liquid System** from Case IH. From the big booms to the big tanks and the stainless steel plumbing in between, the FLX610 is designed for demanding custom applicators who have a lot of acres to cover within a short application window.

### Tanks

The 304 stainless steel 12-gauge tanks are available in 1800- and 2000-gallon capacities. They're equipped with a full-length sump for complete cleanout and an internal baffle (two on larger tank) 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

The FLX610 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.



## Plumbing

The hydraulically driven pump now features a larger load valve to shorten tank fill times for greater productivity. By rotating the liquid pump and streamlining the plumbing to reduce flow restrictions, the entire system has been made more efficient. Air-actuated product shut-off valves are enclosed to protect components from the elements.

## Service Center

The FLX610 has a built-in operator-friendly service center for loading and chemical induction. To save precious time, a side ladder 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 a remote mounted light lets you see the service center area before dawn or after dusk.



*To save valuable time, a convenient side ladder has been added to provide easy operator access from the service center area to the walkway and the top of the tank.*

## Optional Rinse System

Driven by an independent hydraulic pump, the fresh water rinse system reduces the chances of residual chemical contamination. It can also be used as a low-pressure washer to clean off the unit or for rinsing chemical containers.

Equip your new FLX Series floater chassis with the highly productive FLX610 liquid system to boost the bottom line of your liquid fertilizer application business.

## NEW LEADER G4 SERIES SPREADER

### ANOTHER APPLICATION OPTION

Equip an FLX Series floater chassis with a **New Leader G4 Series spreader** built by the Highway Equipment Company. Two models are available — the popular and proven **L3020G4** for single product application and the **L3220G4 with MultApplier** dual-hopper insert.



# CONTROLLERS

## PRECISELY THE POINT

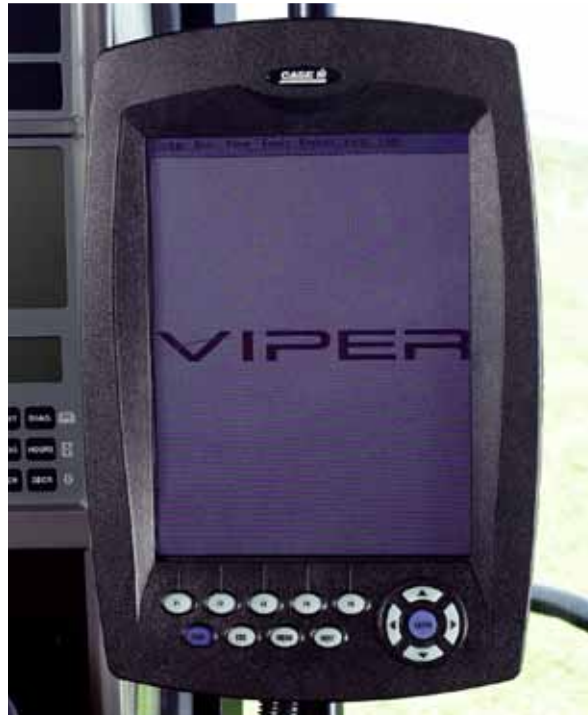
The right controller can give you complete confidence right at your fingertips. Your customers expect accurate applications in the field and you can deliver on that demand with your choice of two industry-proven controllers for the FLX810 Flex-Air and the FLX610 Liquid System.

For the FLX810 Flex-Air, the **Case IH SCS 4600 console** with PC card is an economical and operator-friendly controller offering automatic rate control for the main product boom sections. Liquid CAN control is also available when equipped with the optional wet kit.



*A simple yet versatile controller for the FLX810 Flex-Air and the FLX610 Liquid System, the Case IH SCS 4600 handles multiple products with CAN bus capability as well as data-logging.*

A black and white graphical display is capable of “as-applied” data logging with the addition of an optional DGPS receiver. The SCS 4600 is available for a single bin FLX810 Flex-Air and a single bin Flex-Air with a liquid system.



*The Case IH VIPER system takes total control of single or multiple products with variable-rate application and job completion software features.*

To control multiple products at fixed or variable rates on the go, choose the **Case IH VIPER® System** with its color 10.4-inch sunlight-readable display. A simple touch-screen interface lets you control up to four products — main, co-ap, supplemental, and liquid — from one console. A moving color map feature, report tool and enhanced software make this controller fully functional for today’s high-tech world. The Viper is available for all versions of the FLX810 Flex-Air applicator.

For precise spraying control of the FLX610 Liquid System, choose the Case IH SCS 4600 controller or the Case IH VIPER System. Either controller makes the FLX610 Liquid System a hands down favorite among custom applicators. Both controllers use Pulse Width Modulation (PWM) to hydraulically control the speed of the product pump and accurately control product output based on ground speed and flow. Features of these controllers include one-time programming, the ability to record total volume applied and total area worked, ground speed compensated automatic rate control, plus much more. See your Case IH Application Equipment distributor to learn more about the controller options available for the FLX Series.



## EASY MAINTENANCE KEEPS YOU IN THE FIELD

Spend more hours in the field thanks to time-saving, simplified serviceability. Fast, easy access ensures routine maintenance gets done right so your FLX Series floater is ready to run hard from sunup to sundown.

By keeping your floater fine-tuned for the busy season, you can count on dependable performance day in and day out. When needed, the highly trained technicians at your Case IH distributor will diagnose and service your floater for optimal operating efficiency.

### Reliability equals revenue

New FLX Series floaters from Case IH are capable of extending your application season and increasing your application revenue as a result. Because reliable performance factors into improved profitability, these floaters and applicators are designed with demanding durability in mind.



*Convenient storage areas are found on both 3- and 4-wheeler chassis (4-wheel chassis shown). A removable toolbox on the 4-wheeler lets you take it to the task instead of running to get a wrench.*



*With swing-out compartments on each side, an FLX Series 3-wheel floater allows service access to the air tanks/compressed air and the batteries. It also makes engine service easier. And the storage compartment on the left side is large enough to hold everything from tools to gloves to goggles.*



*Ease of maintenance and product reliability are built-in features of FLX Series floaters and every piece of equipment that wears the red paint and Case IH name.*



*To make battery maintenance a snap, a swing-out compartment that houses the batteries is located on the right-hand side of the 3-wheel chassis. 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.*



*The front-tilt hood of an FLX Series chassis opens easily for access to the engine, coolers and daily checkpoints. The swing-out grille on the FLX4000 Series opens wide to provide hassle-free access to clean the radiator and cooling system.*

# FLX SERIES CHASSIS SPECIFICATIONS

|                                       | FLX3020  | FLX3520   | FLX4020   | FLX4520   |
|---------------------------------------|--|---|---|---|
| <b>Engine*</b>                        |  |   |   |   |
| Type.....                             | Case IH 9 L (543 cu. in.) .....  | Case IH 9 L (543 cu. in.) .....   | Case IH 9 L (543 cu. in.) .....   | Case IH 9 L (543 cu. in.) .....   |
| Horsepower @ 2100 rpm .....           | 305 hp (227.4 kW) .....  | 365 hp (272.2 kW) .....   | 305 hp (227.4 kW) .....   | 365 hp (272.2 kW) .....   |
| Peak hp @ 1900 rpm .....              | 340 hp (253.5 kW) .....  | 380 hp (283.4 kW) .....   | 340 hp (253.5 kW) .....   | 380 hp (283.4 kW) .....   |
| <b>Transmission</b>                   |  |   |   |   |
| Type.....                             | Allison 3000 RDS 6-speed automatic .....   | Allison 3000 RDS 6-speed automatic w/2-speed Fabco auxiliary .....  | Allison 3000 RDS 6-speed automatic.....   | Allison 3000 RDS 6-speed automatic w/2-speed Fabco auxiliary .....  |
| <b>Rear Axle</b>                      |  |   |   |   |
| Type.....                             | Axle Tech PRC 674 2-speed with wheel end planetary .....   | Axle Tech PRC 674 2-speed with wheel end planetary .....  | Axle Tech PRC 674 2-speed with wheel end planetary .....                              | Axle Tech PRC 674 2-speed with wheel end planetary .....  |
| <b>Front Axle</b>                     |  |   |   |   |
| Type.....                             | 4.52 in. (115 mm) solid shaft, 2.76 in. (70 mm) axle bearings .....  | 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 .....                           | Axle Tech MS-25, 6.375 in. (162 mm) tubular drop axle .....   |
| <b>Frame</b>                          | 12 x 4 x 0.3125 in. HSLA cold formed steel w/high-strength reinforcement plates .....  | 12 x 4 x 0.3125 in. HSLA cold formed steel w/high-strength reinforcement plates .....                           | 10 x 4 x 0.375 in. rectangular tube .....   | 10 x 4 x 0.375 in. rectangular tube .....   |
| <b>Dimensions</b>                     |  |   |   |   |
| Wheelbase.....                        | 268 in. (6.8 m) .....  | 268 in. (6.8 m) .....   | 180 in. (4.57 m).....   | 180 in. (4.57 m) .....  |
| Cab to Axle.....                      | 114 in. (2.89 m) .....   | 114 in. (2.89 m) .....  | 114 in. (2.89 m).....   | 114 in. (2.89 m) .....  |
| Cab to end of frame .....             | 149 in. (3.78 m) .....   | 149 in. (3.78 m) .....  | 149 in. (3.78 m).....   | 149 in. (3.78 m) .....  |
| Overall Length .....                  | 338 in. (8.58 m) .....   | 338 in. (8.58 m) .....  | 303 in. (7.7 m).....  | 303 in. (7.7 m) .....   |
| Overall Width.....                    | 138 in. (3.5 m) .....  | 138 in. (3.5 m) .....   | 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 .....   |
| <b>Weight</b>                         | 21,850 lbs. (9911 kg) .....  | 22,860 lbs. (10 369 kg) .....   | 20,790 lbs. (9430 kg) .....   | 21,800 lbs. (9888 kg) .....   |
| <b>Chassis Vehicle Rated Capacity</b> |  |   |   |   |
| Front axle (static) .....             | 14,000 lbs. (6350 kg) .....  | 14,000 lbs. (6350 kg) .....   | 16,000 lbs. (7257 kg) .....   | 16,000 lbs. (7257 kg) .....   |
| Rear axle (static) .....              | 34,000 lbs. (15 422 kg) .....  | 34,000 lbs. (15 422 kg) .....   | 34,000 lbs. (15 422 kg) .....   | 34,000 lbs. (15 422 kg) .....   |
| Total (static) .....                  | 48,000 lbs. (21 772 kg) .....  | 48,000 lbs. (21 772 kg) .....   | 50,000 lbs. (22 680 kg) .....   | 50,000 lbs. (22 680 kg) .....   |
| <b>Brakes – Front</b>                 | Air (36 cu. in. chamber) over hydraulic applied 28 in. (711 mm) disc brake w/dual piston floating caliper .....  | Air (36 cu. in. chamber) over hydraulic applied 28 in. (711 mm) disc brake w/dual piston floating caliper ..... | Air (36 cu. in. chamber) over hydraulic with 30 cu. in. chambers .....                | Air applied 16.5 x 6 in. (419 x 152 mm) with 30 cu. in. chambers .....  |
| <b>Brakes – Rear</b>                  | Air applied 16.5x5 in. with 36 cu. in. chambers... ..  | Air applied 16.5x5 in. with 36 cu. in. chambers... ..   | Air applied 16.5x5 in. with 36 cu. in. chambers ... ..                                | Air applied 16.5x5 in. with 36 cu. in. chambers .....   |
| <b>– Park</b>                         | Spring applied, air release .....  | Spring applied, air release .....   | Spring applied, air release.....  | Spring applied, air release .....   |
| <b>Tires – Front</b>                  | 66 x 43-25 bias, 16 ply; 1000/50R25 radial; 1050/50R25 radial .....  | 66 x 43-25 bias, 16 ply; 1000/50R25 radial; 1050/50R25 radial .....   | 48 x 31-20 bias, 14 ply; 750/45R26.5 radial; 54 x 31-26 bias, 10 ply .....            | 48 x 31-20 bias, 14 ply; 750/45R26.5 radial; 54 x 31-26 bias, 10 ply .....                                      |
| <b>Tires – Rear</b>                   | 66 x 43-25 bias, 16 ply; 1000/50R25 radial; 1050/50R25 radial .....  | 66 x 43-25 bias, 16 ply; 1000/50R25 radial; 1050/50R25 radial; 73 x 44-32 bias, 16 ply; 1050/50R32 radial ..... | 66 x 43-25 bias, 16 ply; 1000/50R25 radial; 1050/50R25 radial .....                   | 66 x 43-25 bias, 16 ply; 1000/50R25 radial; 1050/50R25 radial; 73 x 44-32 bias, 16 ply; 1050/50R32 radial ..... |
| <b>Steering</b>                       | Hydraulic w/flow control pump and load sensing dual displacement steering valve .....  | Hydraulic w/flow control pump and load sensing dual displacement steering valve .....                           | Hydraulic w/flow control pump and load sensing dual displacement steering valve ..... | Hydraulic w/flow control pump and load sensing dual displacement steering valve .....                           |
| <b>Fuel Capacity</b>                  | 150 gal. (568 L) .....   | 150 gal. (568 L) .....  | 150 gal. (568 L).....   | 150 gal. (568 L) .....  |
| <b>Cab</b>                            | 113 cu. ft. (3.2 m <sup>3</sup> ) of interior space and 67 sq. ft. (6.22 m <sup>2</sup> ) of tinted glass; Laminated front windshield; Optima™ air seat with swivel, lumbar, ride firmness, side-to-side and fore/aft shock isolation adjustment; Instructional seat; Right adjustable armrest control center that moves with the seat; Right-hand swing out window; Tilt/telescoping steering column and soft grip steering wheel; Climate control; A-post mounted instrumentation; Wired for radio including antenna, 2 speakers, and a subwoofer; Lighted controls with red spectrum right-hand console lighting, map light and two dome lights; Two-speed front wiper/washer; Five auxiliary power outlets; Front and rear visor; Auxiliary controller mounting points on A-pillar ..... |   |   |   |
| <b>Battery</b>                        | Two 12-volt heavy-duty, low maintenance, 950 CCA .....   |   |   |   |
| <b>Paint</b>                          | Roof, bottom and side panels, hood and frame: Two part urethane. Cab metal parts: Thermal set acrylic .....  |   |   |   |

\* Case IH engine manufactured by CDC.

# FLX SERIES APPLICATOR SPECIFICATIONS

| <b>FLX810 Flex-Air® Applicator</b> |   |
|------------------------------------|---|
| <b>Main Bin Capacity</b> .....     | Single – 287 cu. ft. (8.1 m <sup>3</sup> ) or Split – 116 cu. ft. (3.3 m <sup>3</sup> ) front & 171 cu. ft. (4.8 m <sup>3</sup> ) rear*   |
| <b>Co-applicator Capacity</b> .... | 37 or 50 cu. ft. (1.0 or 1.4 m <sup>3</sup> ) – with or without augers from the supplement bin  |
| <b>Capacity Options</b> .....      | Single bin: 287 cu. ft. (8.1 m <sup>3</sup> );<br>Double bin: 287+37 or 50 cu. ft. (8.1+1.0 or 1.4 m <sup>3</sup> ) without supplemental augers<br>171+162 or 175 cu. ft. (4.8+4.6 or 5.0 m <sup>3</sup> ) with supplemental augers<br>Triple bin: 171+125+37 or 50 cu. ft. (4.8+3.5+1.0 or 1.4 m <sup>3</sup> ) with supplemental augers |
| <b>Weight</b> .....                | Single bin: 6,560 lbs. (2976 kg)<br>Double bin: (50 cu. ft.) with augers (estimate): 7,500 lbs. (3402 kg)<br>Triple bin: (50 cu. ft.) with augers: 7,680 lbs. (3484 kg)   |
| <b>Width</b> .....                 | 11.9 ft. (3.6 m) – booms folded   |
| <b>Length</b> .....                | 14.3 ft. (4.4 m)  |
| <b>Height</b> .....                | 87 in. (2.2 m)  |
| <b>Metering System</b> .....       | Synchronized right and left side conveyers meter product into 20 individual venturi tubes for delivery to each boom outlet. Conveyor belts are 26.5 in. (673 mm) EPDM chemical resistant material. Right or left boom shutoff eliminates double application.  |
| <b>Boom**</b> .....                | 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)<br>70 ft. (21.3 m) mid-ship mounted, 20 adjustable outlets spaced at 42 in. (107 cm) (available with 2.5 inch tubes only)   |
| <b>Controls</b> .....              | Case IH SCS 4600 controller for Single bin configuration, with or without Liquid product systems. Case IH Viper controller for any Flex-Air configuration.  |
| <b>Hopper Material</b> .....       | 409 stainless steel   |
| <b>Hopper Screen</b> .....         | 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.   |
| <b>Blower (Fans)</b> .....         | Dual high volume centrifugal, up to 100 plus mph air velocity   |
| <b>Spreading Capacity***</b> ..... | 1,440 lbs. (653 kg) per acre @ 10 MPH – 60 ft. boom w/3 in. (76 mm) tube<br>950 lbs. (431 kg) per acre @ 10 MPH – 70 ft. boom w/2.5 in. (63.5 mm) tube  |
| <b>In-Field Rate Change</b> .....  | Virtually instantaneous rate changes on the go  |
| <b>Co-Appliers</b> .....           | 37 or 50 cu. ft. (1.0 or 1.4 m <sup>3</sup> ) — with or without augers from the supplement bin  |
| <b>Pressure Washer</b> .....       | Optional – 2,000 psi  |
| <b>Liquid Plumbing System</b>      | Optional – 500 gal. (1893 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)   |
| <b>Chemical Inductor</b> .....     | Optional – Stainless steel - parallel linkage to retract; Includes tank rinse, jug rinse and jug opener   |
| <b>Foam Marker</b> .....           | Optional – 70 gal. (265 L) poly tank; RH & LH operation; Adjustable output  |

\* 116 cu. ft. (3.3 m<sup>3</sup>) front bin is the supplement bin / 171 cu.ft. (4.8 m<sup>3</sup>) 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.

| <b>FLX610 Liquid System</b>  |  |
|------------------------------|--|
| <b>Product Tank</b> .....    | 304 Stainless Tank - 1,800 or 2,000 gal. (6814 or 7571 L)<br>12 Gauge Shell; Dome heads; Internal baffle - 1 on 1,800 gal. & 2 on 2,000 gal.<br>Full length sump; 2 in. (51 mm) removable sprayer 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. |
| <b>Boom</b> .....            | 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.  |
| <b>Capacity</b> .....        | Tank - 1,800 or 2,000 gal. (6814 or 7571 L)<br>Weight: 1,800 gal. – 7,370 lb. (3343 kg); 2,000 gal. – 7,620 lb. (3456 kg)<br>Width - 12 ft. (3.66 m) booms folded<br>Length - 28 ft. (8.5 m)<br>Height - 8 ft. (2.4 m)   |
| <b>Product Pump</b> .....    | Defco 7600 (hydraulic driven)  |
| <b>Controls</b> .....        | Case IH SCS 4600 or Case IH VIPER  |
| <b>Plumbing</b> .....        | 4 in. (10 cm) suction hoses from tank to pump<br>4 in. (10 cm) tank shutoff valve<br>4 in. (10 cm) suction valve<br>4 in. (10 cm) load valve<br>3 in. (7.6 cm) throttling valve<br>2 in. (5 cm) valves are used for the sparger control and dual 2 inch (5 cm) air-operated boom feed valves   |
| <b>Foam Marker</b> .....     | Optional   |
| <b>(Optional)</b>            | 70 gal. (265 L) tank<br>RH & LH operation<br>Adjustable output   |
| <b>Pressure Washer</b> ..... | Low pressure internal tank rinse/external tank wash  |
| <b>(Optional)</b>            | Low pressure internal tank rinse/external tank wash and external high pressure washer (2,000 psi)  |

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