FR SERIES
Forage Cruiser

FR480
FR550
FR650
FR780
FR920

NEW HOLLAND


AG-TECH
NEW HOLLAN

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The FR Forage Cruiser experience.

New Holland knows what it takes to produce the best quality silage. With power, precision and comfort, you'll have ultimate control over your harvest from the comfort of the cab, so you can keep filling trailers, nonstop, field after field.

Precise processing for the finest forage

The newest FR Forage Cruiser models allow you to do that more efficiently, more effectively and more comfortably than ever before, thanks to our latest feature upgrades. From internal enhancements that improve intake and processing, to cab upgrades that make operation even easier and make your working environment a place you'll look forward to, the new FR Forage Cruiser models can take your harvest to a whole new level of productivity. With a lineup that spans a power band from 476 HP right up to 911 HP, there is a model to match the needs of every farm and custom operation.

The New FR Forage Cruiser Highlights

1. The new Forage Suite™ cab: quietest and most spacious cab ever with an updated seat offering
2. IntelliView™ IV Plus: fast & responsive 12" displays with new and simple layouts
3. New multifunction handle & console: revised layout and more comfortable buttons
4. Full LED work lights with individual dimming capability
5. Cygnus mapping antenna
6. IntelliFill™ III: new user interface and true 210° filling
7. CropSpeed: monitors crop speed and intervenes to minimize risk of blockages
8. Additional wear-resistant material in spout to increase service life
9. Automatic engine bay cleaning
10. Signature New Holland Inspired by Nature styling
11. CustomSteer™: reduced steering in headlands
12. Hydraulic feedroll dampening: smoother crop flow
13. More durable shearbars: extended service life
14. New UltraFeed™ pickup and Pro Series corn headers


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Versatility and power in all crops.

Whether you are a farmer or custom cutter, investing in a forage harvester begins a process that will provide your business with a profitable return. That's why New Holland gives you maximum capacity for your money. This is why we give you the versatility you need to harvest a whole host of crops and the precision that's crucial to creating the best possible silage quality, so what goes in is as good as what comes out – meaning maximum energy for meat, milk or methane production.

A solution for every condition

Grass or corn crop, New Holland offers a header solution for every harvest application.

Our new UltraFeed™ pickup is setting the standard in swathed crop harvesting, while our Pro Series corn headers continue clearing fields in both short and tall corn. Whether grass, corn, winter forage, or whole crop, we have you covered.

Simple header connection & automatic header recognition gets you going in the field, fast.

Hug the ground however it lies

FR Forage Cruiser forage harvesters benefit from New Holland's Autofloat™ advanced header leveling control, guaranteeing uniform crop collection across the entire swath no matter how undulating or uneven the terrain.

The system, which is also compatible with New Holland corn headers, uses sensors that ensure the header follows the ground contours, adjusts automatically to maintain uniform height and prevents bulldozing. A pair of heavy-duty springs built into the crop attachment frame provides lateral float capability for unrivaled contour following.

New UltraFeed™ pickup: highest throughputs, lowest cost of harvesting.

Designed and built to meet the demand for high yields in a variety of crops and conditions, the UltraFeed™ pickup is a true testament to ultimate capacity.

The Active Crop Guidance crop flow was carefully designed to be as short, straight and smooth as possible to manage the highest throughput and provide the best operator comfort. This begins with the pickup reel, through the large diameter high-capacity auger to the feed rolls.

All features on the header were created with efficiency in mind—be it the pickup reel with heavy-duty tines, the maintenance-free drive line with no chains or clutches and automatic greasing, or the standard heavy-duty wear liners. The reduced service requirements give you more time in the field where it matters.

1. Large-diameter roller wind guard with floating crop guide
2. 5-tine bar reel with heavy-duty tines, asymmetric raking
3. Large-diameter dual flight auger, independently lifting side by side
4. Maintenance-free main driveline & integrated driveline protection
5. Large ground tracking wheels with in-cab open/close
6. Standard rear ground tracking rollers
7. Heavy-duty wear liners
8. Fully covering mesh, crop flow illumination
9. Inspired by Nature styling

UltraFeed™ versatility: not just grass

With closely-spaced and carefully designed tines and tine bars, New Holland UltraFeed pickup heads work well not only in grass—you can trust them to take care of swathed crops such as winter forage and rye. Because crop is gently lifted up onto the pickup tines, leaf damage is minimized and crop makes its way safely into the header and then the chopping cylinder for processing.

Model	UltraFeed 4.0
Transport width *(ft)*	13.1
Working width *(ft)*	12.1
Auger	Large-diameter dual flight auger with paddles
Tine reel	5 tine bars with heavy-duty tines, cam tracked

Large range of corn solutions.

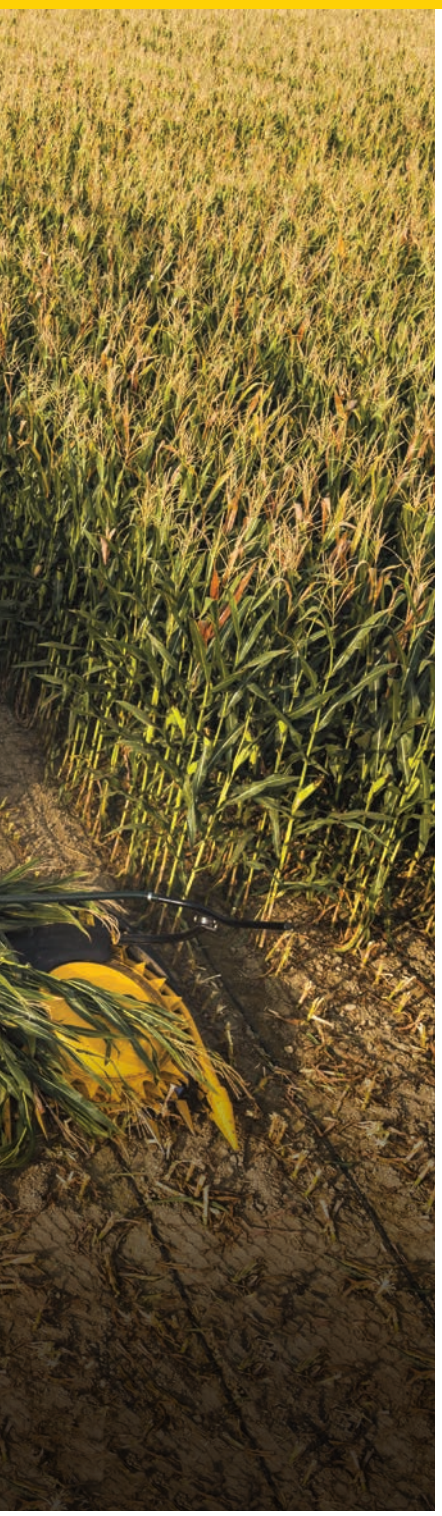
New Holland offers two ranges of the updated Pro Series row independent corn headers, matching any crop condition. Ultimate fleet flexibility is guaranteed as combine corn headers can also be fitted. If you are looking for the most nutritious silage, you've found your perfect harvesting partner.

Small disc for early cut success

At 29.5 inches in diameter, small discs are designed to cut young, short crops with flexible stems. The disc spacing is optimized for narrow rows. Available with 6-, 8-, 10- and 12-row variants with optional row guidance, the header feed opening matches the width of the feed rolls for smooth, uniform feeding.

Making light work of the tallest corn

Large, high capacity 53-inch diameter discs are designed to cut tall, heavy crops in wide rows. These headers are available with eight, ten or twelve row variants, with optional row guidance. The high-velocity knives quickly and smoothly draw the stems inward to the feed rolls. Integrated cob savers in the gathering drum minimize cob losses.



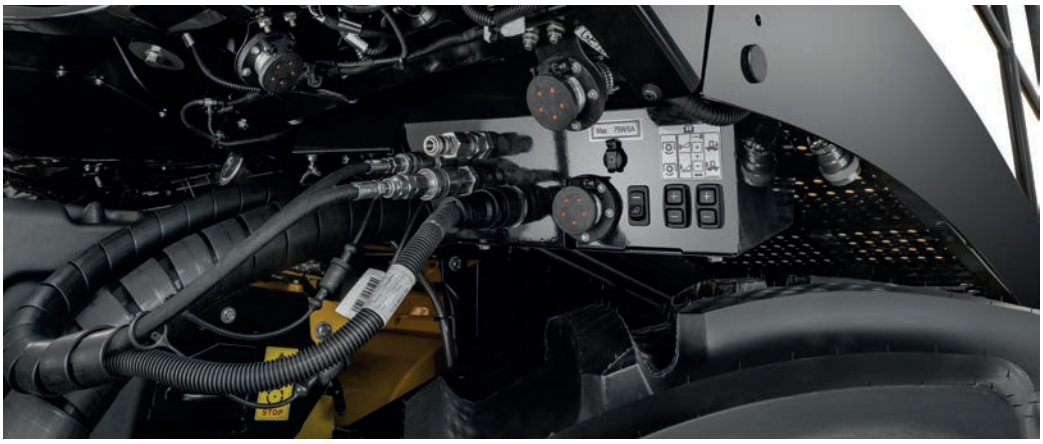
Combining performance for ultimate nutrition

Harvest corn cobs using your New Holland combine corn header, in 6 or 12 row configurations, with rigid or flip-up variants. High throughput and quality are guaranteed.

A dedicated header attachment module ensures compatibility between the FR and the combine corn head, with an additional feed roll securing flow of crop.

Header attachment

New header connection controls allow you to hook up to the header quickly. Control the angle and height of the feedroll module and remotely turn the stub shaft on the PTO connection to connect the header with ease.



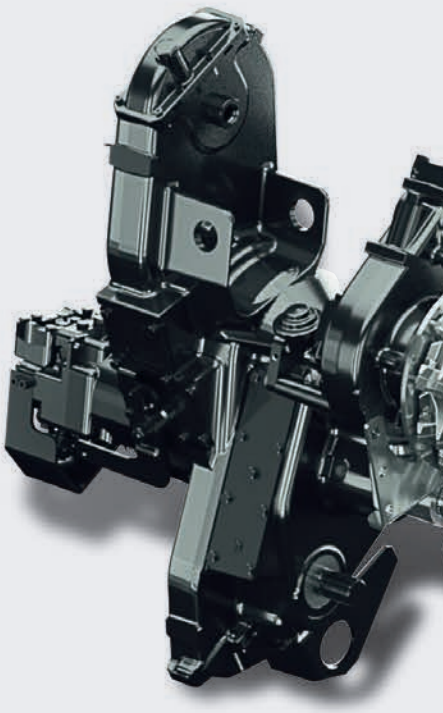
Models	450SFI Pro	600SFI Pro	600BFI Pro	750SFI Pro	750BFI Pro	900SFI Pro	900BFI Pro
Working width *(ft)*	14.8	19.7		24.6		29.5	
Number of rows	6	8		10		12	
Disc type	Small	Small	Big	Small	Big	Small	Big
Row guidance	O	O	O	O	O	O	O
Automation flotation	O	O	O	O	O	O	O
Spout extension	–	–	–	O	O	O	O

● Standard O Optional – Not available

Highest throughputs, best-in-class chopping quality.

The heart of the FR — the crop flow channel — is built to deliver the highest throughputs, securing unrivaled performance in the field.

From our wide feed rolls to our large and heavy knife drum, the kernel processor and crop flow help deliver the most consistently chopped crop into the silage pit.



Feeding

- The four 33.9-inch wide feed rolls create a wider, thinner crop mat which requires less horsepower to obtain high throughput.
- Anti-wrap filler sections on the top front feedroll help prevent wrapping in hay crops when backing out of the crop.
- Replaceable wear bars on both the upper and lower front feedrolls improve feeding and durability in tough harvesting conditions.
- High-performance feedroll module comes standard on the FR780 and FR920 and is optional on the FR650.

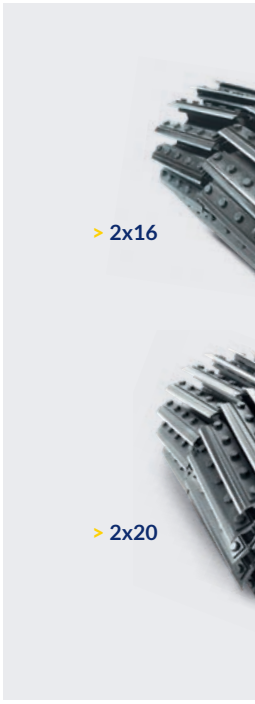
1. High-performance feed roll module
2. Knife drum
3. Crop processor
4. Blower

Feedroll suspension dampening

In crop conditions where the feedrolls work quickly with rapid movements, the hydraulic feedroll suspension dampening system provides a solution to reduce excessive travel speed. The result is a more productive and comfortable harvest, thanks to more even travel of the feed rolls.

Perfect corn chopping.

Corn harvest requires the power and precision to handle big volumes of plant material at high speed, keeping trailers on the move and silage pits filling fast. FR Forage Cruisers are fitted with a full suite of standard features—plus an array of additional options—to optimize for maximum corn output, letting you tackle the toughest challenges these crops can create.

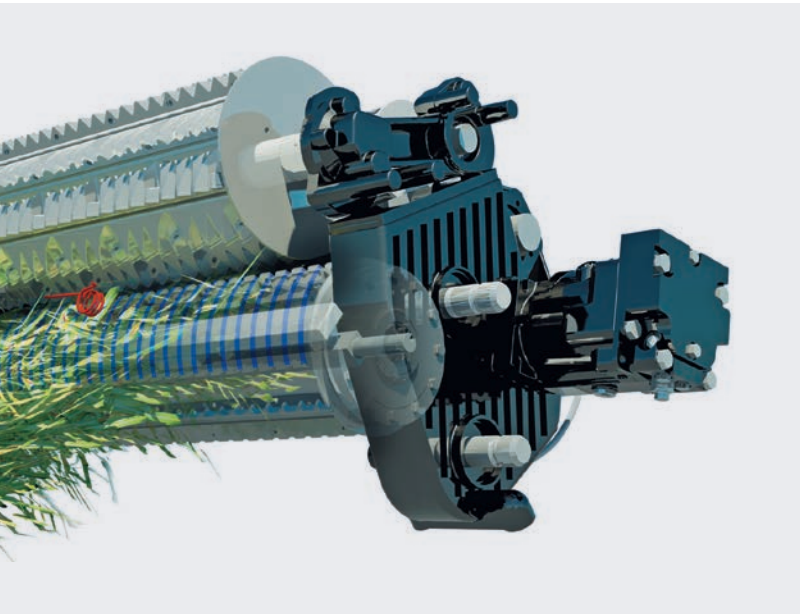


> 2x16

> 2x20

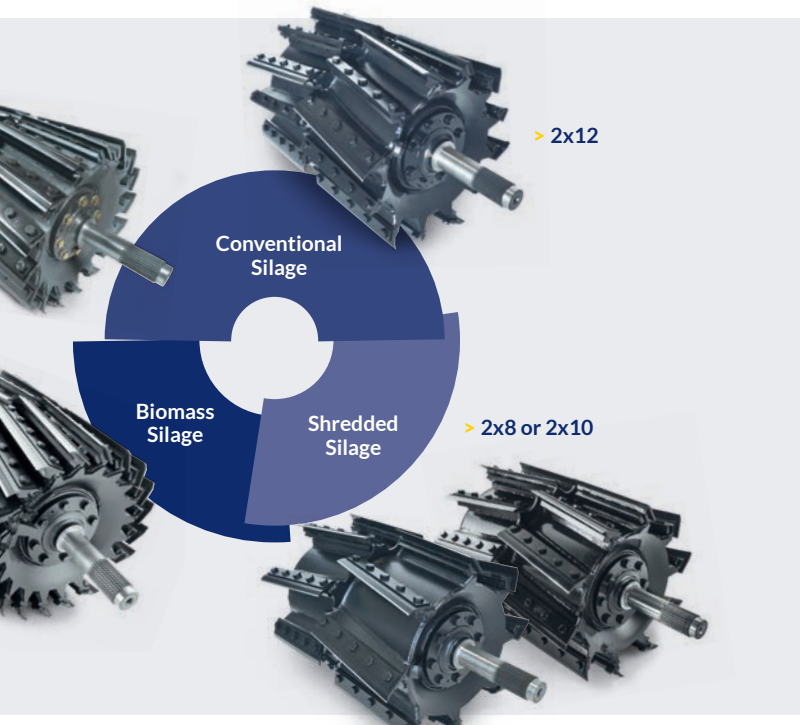
Protection provided by RockAlert™

New Holland's RockAlert system provides automatic stone detection by constantly monitoring feedroll movement. Any sudden rapid, vertical movement of a roll triggers the system and stops the feedrolls within 300 milliseconds, after which the crop and object are automatically ejected by the power reverser.



… and by MetaLoc™ too

Featuring six detection zones, the MetaLoc™ system stops the feedrolls dead within 300 milliseconds of detecting metal in incoming crop, protecting both machine and livestock. The location of the foreign metal is identified on the IntelliView™ IV Plus display and the crop is ejected by the power reverser. Operators can fine-tune the system's sensitivity depending on their needs.



Consistent length of cut (LOC)

FR Forage Cruisers feature the proven HydroLoc™ feedroll drive that guarantees constant chop length independent of throughput and crop type. HydroLoc provides on-the-go adjustment of LOC. The feedrolls are driven by a powerful hydrostatic system that automatically matches their speed to the cutterhead's speed and knife configuration, providing a consistent chop length, even under varying loads and speeds. Selected LOC is shown on the display and can be adjusted with a switch on the side console or directly in the IntelliView IV Plus display.

FR Forage Cruisers with yield and moisture systems can also use the ActiveLOC™ system, which automatically varies LOC based on changing moisture content of the crop to ensure even packing and proper ensiling. When harvesting fields with varying moisture, the LOC will decrease slightly in dry sections and increase in wetter sections.

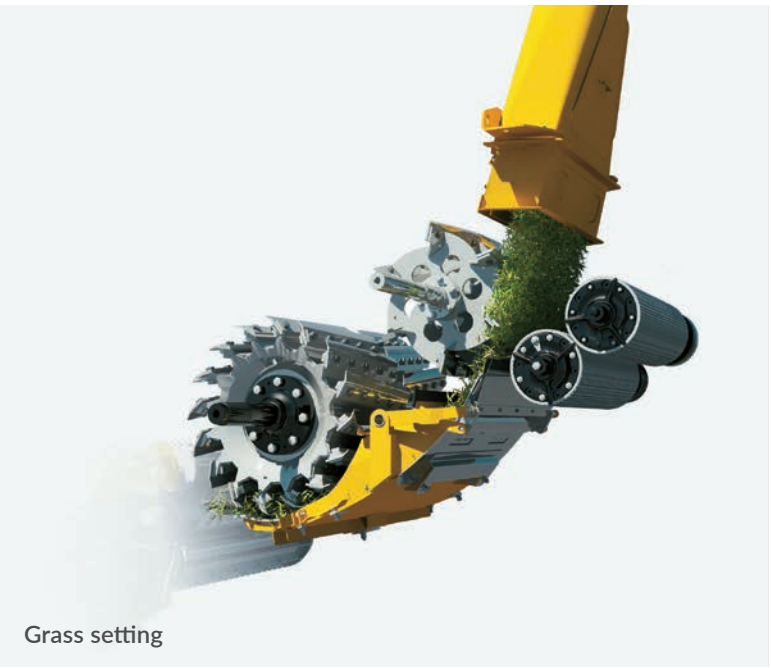
Versatile chopping.

With the Variflow™ system, you can alter the position of the blower to match the requirements of the crop being harvested. The system features one corn setting and one for grass. In grass mode, the blower is situated 7.9 inches closer to the knife drum, saving up to 40 HP in power requirement to enhance overall machine efficiency.

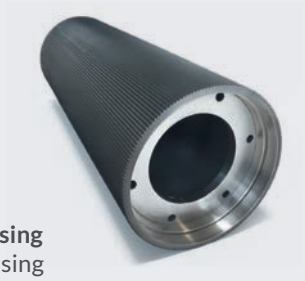
In under two minutes, one person can change the Variflow system from corn to grass setting without tools. An exclusive tensioning system ensures correct belt tension in both positions, with no need for operator maintenance. During extended grass silage harvest periods, the crop processor can be removed in under 20 minutes with the assistance of a winch.

Models		FR480	FR550	FR650	FR780	FR920
Standard Crop Processor		●	●	●	–	–
Roll diameter *[in. (mm)]*		9.8 (250)			–	–
Two-roll system with saw tooth profile *(teeth)*		99 / 126			–	–
Width crop processor rolls *[in. (mm)]*		29.5 (750)			–	–
DuraCracker™ Heavy Duty Crop Processor		–	–	○	●	●
Roll diameter *[in. (mm)]*		–	–	9.8 (250)		
Two chrome roll system with DuraCracker saw tooth profile *(teeth)*		–	–	100 / 130		
Two chrome roll system with DuraShredder™ spiral cut tooth profile *(teeth)*		–	–	110 / 145		
Width crop processor rolls *[in. (mm)]*		–	–	29.5 (750)		
Knife drum number of knives	**Length of cut range** *(mm)*					
2x10	5-26	○	○	○	○	○
2x12	4-22	○	○	○	○	○
2x16	3-16	○	○	○	○	○
2x20	2-13	–	–	○	○	○

● Standard ○ Optional – Not available



Grass setting



Conventional Processing
Standard crop processing

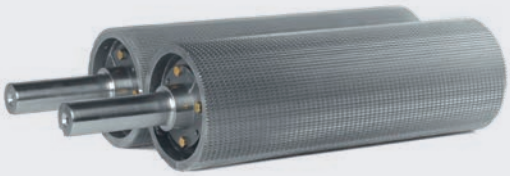
Efficient crop processing

The standard crop processing rolls supplied with FR Forage Cruiser harvesters use a proven sawtooth pattern for aggressive processing to ensure virtually all kernels are cracked. The standard rolls are 99/126 tooth rolls with an option of a 22% or 30% speed differential. The inter-roll gap can be calibrated using the IntelliView™ IV Plus display.

Intensive Processing
DuraCracker™ crop processing

Heavy-duty crop processing: DuraCracker™

New wear layer technology, reinforced frames and updated drives are key components of the DuraCracker™ heavy-duty crop processing system, maximizing both processing performance and durability. The optional rolls are 100/130 tooth rolls with a 30% speed differential. DuraCracker provides higher intensity processing and matches the capabilities of the largest Forage Cruiser models.



Super Intensive Processing with Shredding Effect
DuraShredder™ crop processing

Shred rather than slice: DuraShredder™

Using the same heavy-duty drives and frames, the standard DuraShredder™ rolls feature a spiral cut design that shreds the crop longitudinally, rather than slicing, for mid-long chop lengths with all kernels cracked—producing grains that are easily digested and silage that stays in the rumen for longer. The standard rolls are 110/145 tooth rolls with a 40% speed differential.

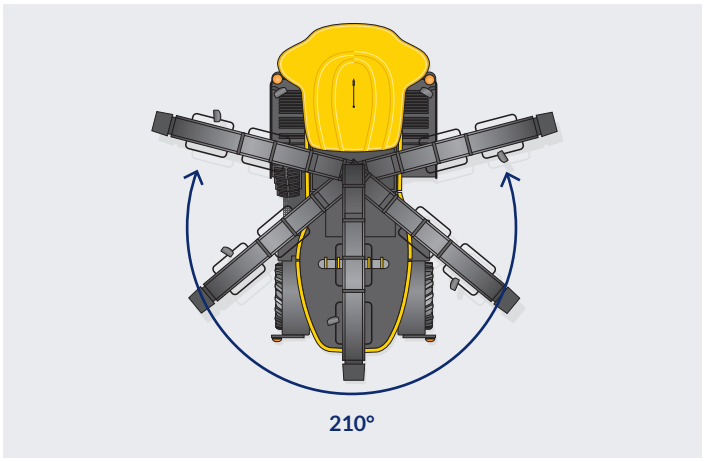
Corn setting

Advanced Crop Flow.

New Holland forage harvesters are engineered to take in crop fast and process it rapidly—and have a delivery system to match. With the latest New Holland blower design, Forage Cruiser models transfer higher volumes of crop even more efficiently. A 40% increase in air mass produces higher rates of crop transfer.

IntelliFill™ III : Next generation automatic trailer filling

IntelliFill™ automatic trailer filling technology has been proven on Forage Cruiser machines across the world. IntelliFill system permits true 210° filling for optimal fill and visibility, regardless of which side the trailer is on. The IntelliView™ IV Plus monitor displays what the camera sees along with additional system insights. The IntelliFill system eliminates the need to manually switch from side to rear filling, and allows operation to continue regardless of weather conditions, trailer type or time of day.

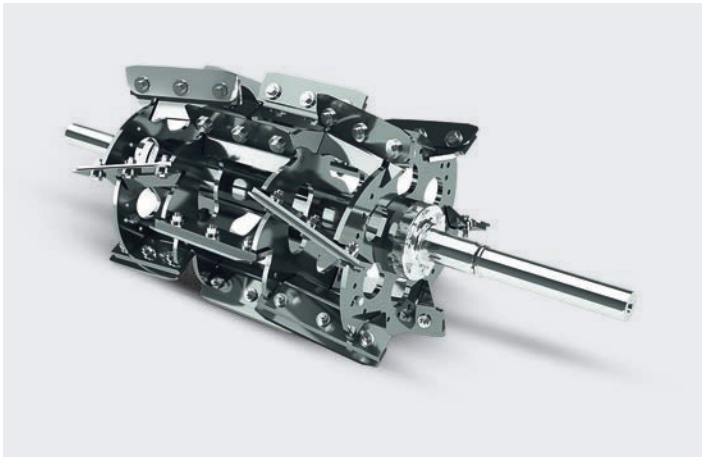


Exceptional 210° of spout rotation

210° spout rotation enables trailers to be filled on both right and left sides and come back to the home position for safe transport. High-strength, reinforced spout design results in precise filling. Fill the highest-sided trailers thanks to a maximum 21-foot spout elevation handle.

Cutting-edge blower performance

The advanced blower design transfers higher crop volumes more efficiently. The smooth crop flow is supported by a stability value of 80%. This cutting-edge technology results in reduced turbulence and greater unloading efficiency.



NutriSense™ technology for premium silage.

NutriSense™ technology puts detailed information on forage quality at your fingertips—and if you are a custom cutter, that means you can quickly make it available to your customers too. The system continuously measures forage dry matter, enabling the operator to make decisions on settings based on crop quality parameters, and ensuring your New Holland Forage Cruiser produces the perfect forage without undue operator stress.

Grass, corn and alfalfa analysis come standard. Additional crops are optional.

Optimize toward your goals

With the optional real-time NutriSense™ NIR sensing, you can view real-time data on the crop coming into your machine via your IntelliView™ IV Plus display. It displays and records a whole host of crop moisture and nutrient parameters in real time, including moisture, ash, protein, fat, starch, neutral detergent fiber (NDF) and acid detergent fiber (ADF). This precise data can be used to optimize header height, length of cut and more while harvesting. Plus, data can be recorded, mapped and uploaded directly to FieldOps™ to help make a host of informed decisions, such as tailoring future inputs for greater yields and higher quality feed.

The ideal settings for ideal silage

With the technology that the FR has to offer with NutriSense, Power Cruise™ II mode, and ActiveLOC™, the operator can configure settings in the IntelliView IV Plus monitor to allow the machine to automatically manage ground speed, intake speed, chopping cylinder speed, and chopping length, all while CropSpeed helps manage crop flow to prevent plugging the spout.

NutriSense™ Feed-To-Milk

The NutriSense Feed-To-Milk value in the IntelliView IV Plus monitor uses the data from the NutriSense sensor to calculate the estimated amount of milk that each ton will help produce. This value can help make informed decisions on settings in the machine, including:

- **Header height:** impacts tonnage and quality via ash content in crop.
- **LOC:** impacts quality and digestibility.

Super powered.

FR Forage Cruisers are powered with FPT engines that blend output with efficiency.

Automatic working modes for the highest work rates

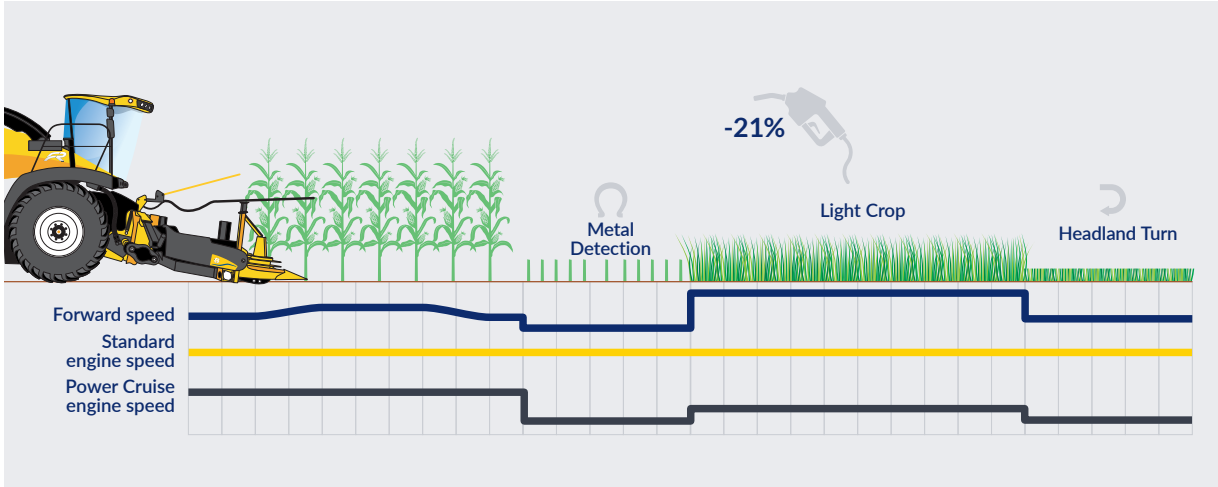
Cut fuel use by up to 15% in Power Cruise™ II mode by automatically adapting engine and ground speed to load. When load is reduced, such as on headland turns, engine speed is reduced to improve fuel efficiency. When throughput increases, engine speed rises simultaneously to match it, maintaining the highest possible output.

Eco engine management mode

- With the Eco engine management mode, a high range allows engine speed to be set from 2,100-1,950 rpm for grass work, while a low range spans 1,850-1,700 rpm for use in corn. Once the operator sets desired engine speed, Eco mode ensures full engine loading for optimal operating efficiency and performance at a constant forward speed. Maximum travel speed of 25 mph is attainable at just 1,200 rpm, resulting in 20% fuel savings and reduced noise. Independent tests show the FR650 consumes up to 29% less fuel per ton in grass using Eco Low mode in medium-light crops.

Power Cruise™ II load adaptation

- Power Cruise II automatically adapts engine and ground speed in relation to actual load, for fuel savings of up to 15%. When load is reduced, such as during headland turns, engine speed is reduced to improve fuel efficiency. When throughput increases, so does engine speed, maintaining high work rates.

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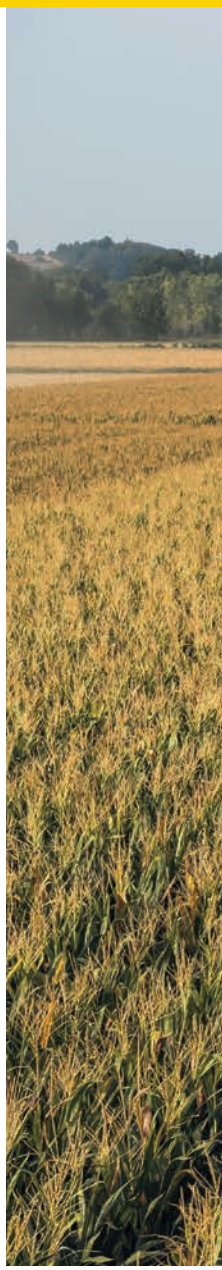
Peak engine performance.

FR Forage Cruiser models are available with engine power outputs from 476 HP, ideal for large dairy and beef farms that make their own silage, up to 911 , targeted at custom crews seeking ultimate output and capacity.



Intelligent cooling

Available on all FR Forage Cruiser models, the VariBlade™ variable cooling fan uses variable blade pitch technology to adjust the cooling power of the machine. The amount of air drawn through the radiators is automatically adjusted according to the cooling requirement of the forage harvester while monitoring machine performance, minimizing fan power requirements and cutting fuel consumption by as much as 3%. As a result, you benefit from reduced running costs and total cost of ownership, as well as less component wear and noise. The fan also comes with a reversing function, allowing the operator to blow the cooling group clean from the cab.

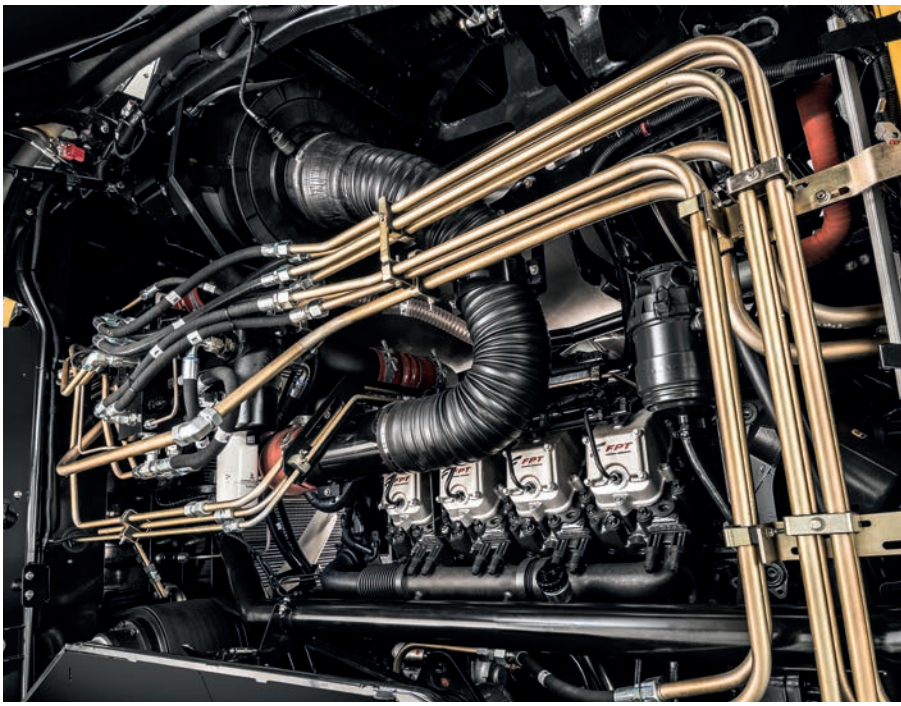
Keeping the engine bay clean

The FR920 Forage Cruiser comes standard with a blow-off system to keep dust and crop debris from accumulating in the engine bay. The air-pressure system cleans multiple areas of the engine bay at regular intervals to minimize debris build-up over time. The installation includes four separate valves for air line connection.

Through the IntelliView™ IV Plus display, operators can activate the system, set the interval time between blowing cycles, and select which valves are to be activated. Other models in the series are supplied with compressed air distribution towards the engine area, allowing customers to easily add dedicated pipes and nozzles in areas where dust accumulation is identified.

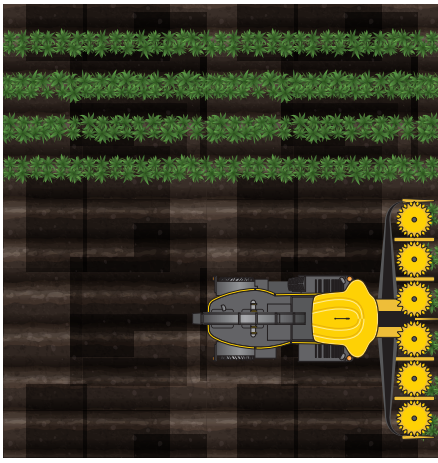
Models	FR480	FR550	FR650	FR780	FR920
Engine	FPT Cursor 13*		FPT Cursor 16*		FPT V20*
Capacity *(liters)*	12.9		15.9		20.1
Injection system	Common Rail				
ECOBlue™ HI-eSCR 2 system	●	●	●	●	●
Maximum engine power (1700-1900 RPM) *[kW/HP(CV)]*	350/476	400/544	480/653	570/775	670/911**
Maximum torque *(Nm)*	2003	2316	2751	3323	4095
Torque rise (2100-1500 RPM) *(%)*	38		37	38	48
ECO engine management mode	●	●	●	●	●
Power Cruise™ II system	●	●	●	●	●

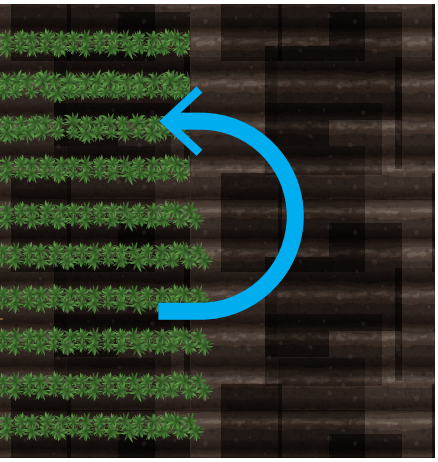
● Standard *Developed by FPT Industrial **Engine speed 1800–2000RPM

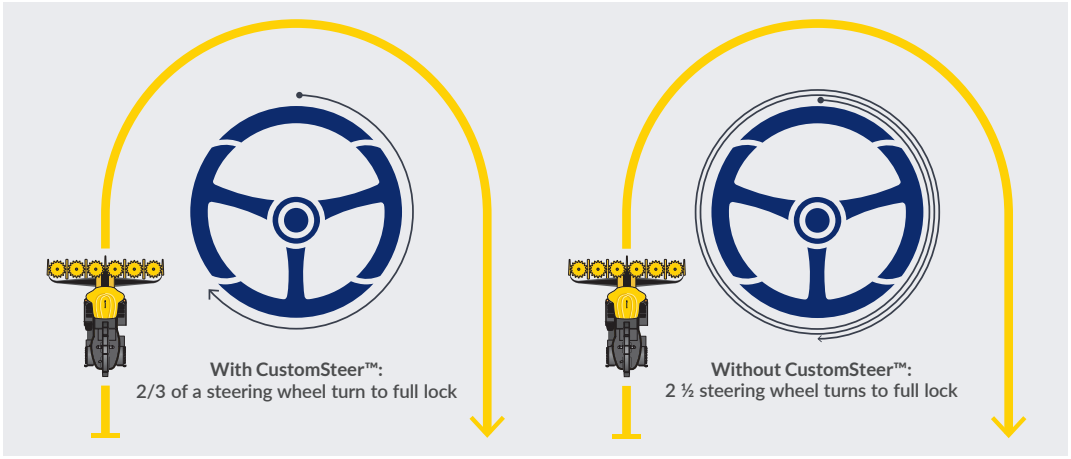


Super efficiency.

With all the power needed to tackle the task at hand, you are in full control of your harvest. Experience world-class ground drive performance from the optional mechanical four-wheel drive system with differential lock. Whether you are in the field or on the road, making the tightest turns or climbing the steepest hills, the FR Forage Cruiser will make sure you get the job done.







Reduce turning time on row-ends

With CustomSteer™ on the FR Forage Cruiser, you can reduce the number of steering wheel turns necessary to turn on the headland, reducing the required operator effort and getting the machine swiftly back into work on the next run. Using the IntelliView™ IV Plus display, the preferred steering response to steering wheel movement can be easily selected from three options, with further fine-tuning possible. Specify your FR with steering guidance and the CustomSteer option comes standard.

A driveline designed for efficiency

Designed around an in-line drive concept and direct power transfer, the FR Forage Cruiser driveline makes the most efficient use of your fuel. The engine is positioned optimally for weight balance longitudinally in the machine, with a highly efficient transmission of power to all functional components using the main belt interconnecting the knife drum, the crop processor and the blower.

With the FR Forage Cruiser, you get all of the throughput and none of the waste—for a wide channel, efficient power, and a smarter harvest.

Premium comfort: the new Forage Suite Cab.

Step into the latest FR Forage Cruiser cab: more space, improved visibility, and greater operator comfort.

Seat offering	Availability
Deluxe seat: *Air-suspended, cut & sewn fabric*	●
Luxury seat: *Air-suspended, leather fabric*	○

● Standard ○ Optional

- The new Forage Suite cab has 12.5% more floor space available, allowing for longer seat travel so you can stretch out and get comfortable on long shifts. The new footrests also improve the leg room and your comfort.
- With a sound reduction of 2.5dB(A) compared to previous models, the in-cab sound level is the lowest ever thanks to new sound-dampening materials and window technology.
- Take your pick from two comfortable seats, with the instructor seat and steering wheel trimmed to match.
- The new IntelliView™ IV Plus display features a 12.1" touchscreen display, enhanced visibility through improved graphics and font sizes, and greater processing power, making it even easier to work with.

Fingertip controls

New Holland design puts every key function of your Forage Cruiser in the palm of your hand. With our latest design multifunction controller, we have retained the familiar New Holland layout and feel, but have enhanced areas, such as button pressure and handle operation, improved precision and even greater comfort over long hours of operation.

Setting your machine, made simple

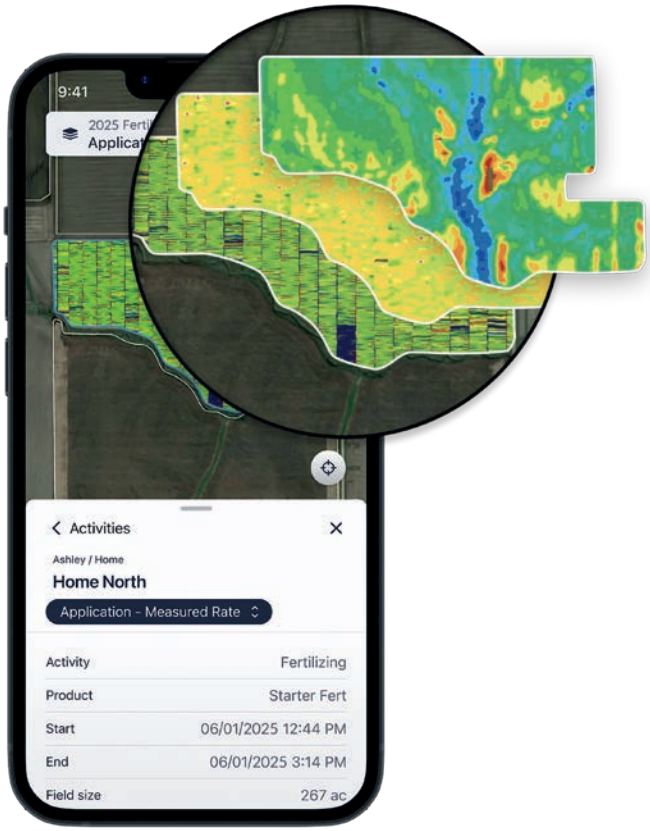
The new IntelliView™ IV Plus display features easy-to-operate new working screens, including a new cross section view which provides a complete overview of all operating functions and performance parameters at a glance. It also allows the operator to change settings directly from the cross-section view, including length of cut, corn cracker opening, ECO mode setting and a simple area counter.

Easy guidance controls

IntelliView IV Plus features a new left-hand screen area that includes an area dedicated to autoguidance management. A full range of guidance solutions is available, right up to factory-fit IntelliSteer™ auto guidance. Fully compatible with the most accurate RTK correction signals, IntelliSteer can guarantee pass-to-pass and year-to-year accuracy with variability as low as 1-2 cm. Automatic row guidance for corn heads is also available.

Incredible precision.

FR Forage Cruiser models come standard with a suite of technology designed to make your harvest as precise, productive and profitable as possible. From a range of guidance systems to yield mapping IntelliField™ data sharing, these machines turn data into productivity.



IntelliField™ enhances your in-field communication

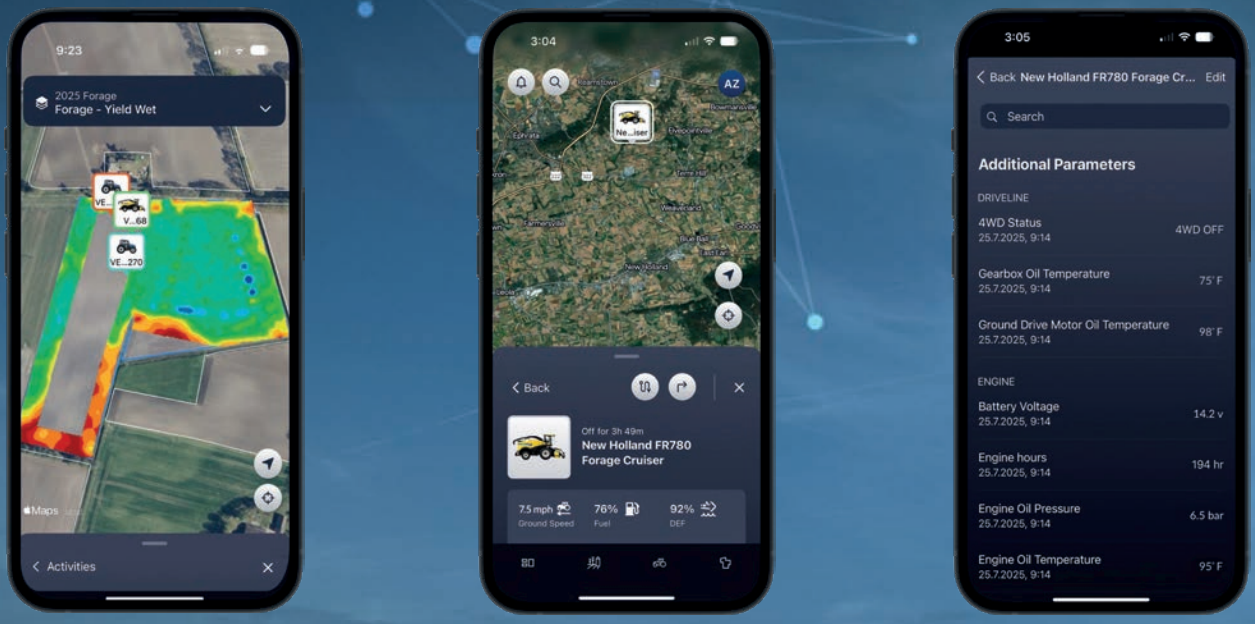
IntelliField™ coordinates multiple vehicles working in the same field, allowing them to operate while simultaneously sharing boundaries, straight guidance lines, and real-time coverage data. This means higher-quality yield maps and coverage area calculation, auto-creation of the same farm/field names in all active vehicle displays, and easier operation for less experienced operators. Ultimately, the result is greater efficiency and considerable cost savings.

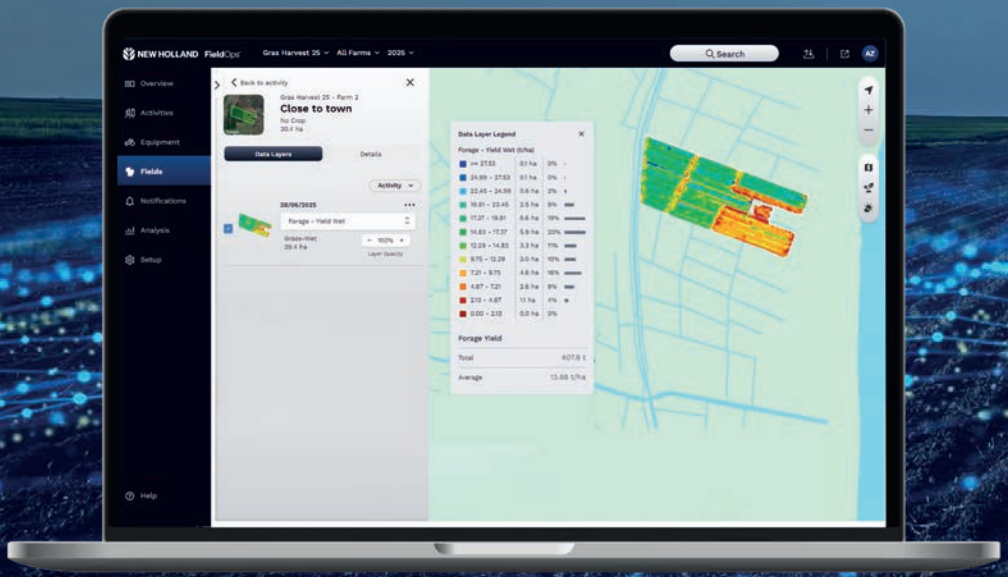
IntelliSteer™ guides the way through your crops

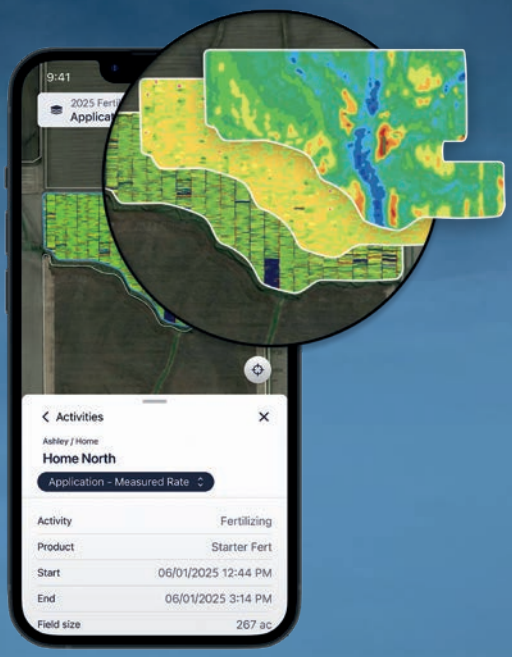
New Holland offers various options to steer your FR Forage Cruiser through the field. Depending on the type of crop being harvested, choose between row guidance or the integrated IntelliSteer™ autoguidance system. Both solutions are easily controlled via the integrated IntelliView™ IV Plus display, ensuring the header is 100% full, 100% of the time.

Manage harvest operations with ease.

FieldOps™ is New Holland's all-in-one farm data management mobile and web app. It houses all your machine health and agronomic data in one place, giving you one easy-to-use platform for all your machines and fields. Monitor your entire operation in real-time, making every minute more efficient.







NEW HOLLAND FieldOps

Visualize Agronomic Data Layers

View and compare layers of application data for a given field. Get an in-depth analysis of your field's conditions by toggling between data layers of a specific job or activity. Quickly view the most recent activities when you check FieldOps.

Monitor Machines in Real-Time

Get precise location and job status, monitor task completions, and view 24-hour machine history. For a specific job, FieldOps' robust performance data tells you how much area is left and gives you an estimated time to complete.

Monitor Machine Health & Activity

Quickly spot and resolve high-priority issues with real-time customized notifications.

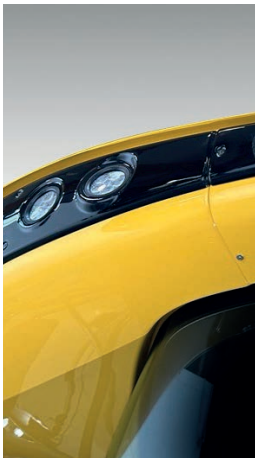
GET IT ON Google Play

DOWNLOAD ON THE App Store

Exceptional lighting.

Good lighting means high accuracy at night, ensuring minimal uncut crop misses or harvested crop spillage. It means reduced driver fatigue. And, of course, it makes work much safer for the operator and those nearby.

The FR Forage Cruiser Series has been thoroughly outfitted with lighting on key areas around the machine. By adopting the latest technology such as LED lighting, all areas are illuminated in sharp, bright, clear definition. Using the dusk sensor in the cab, road lights are automatically switched on for more comfort.



Perfectly equipped

There are six work lights located in key working areas around FR Forage Cruiser harvesters. These include the spout, ensuring the operator can see along its full length and, of course, directly into the trailer being filled. The result is high-accuracy filling at night and reduced fatigue for the operator and the tractor driver.

Illuminated under shield lighting

Raise the side shields to check or service your FR Forage Cruiser and you will find tasks are made easier by under shield lighting. Additional stair lights guide you safely towards the cab.

Simplicity and serviceability.

When the crop is ready and the weather is good, you want to be out in the field as quickly as possible. That's why the FR Forage Cruiser Series has been thoughtfully designed with servicing simplicity at its heart. These machines are engineered to ensure that your daily checks can be done quickly and easily.

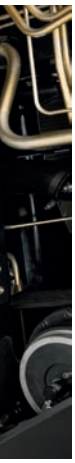
Quick, efficient servicing

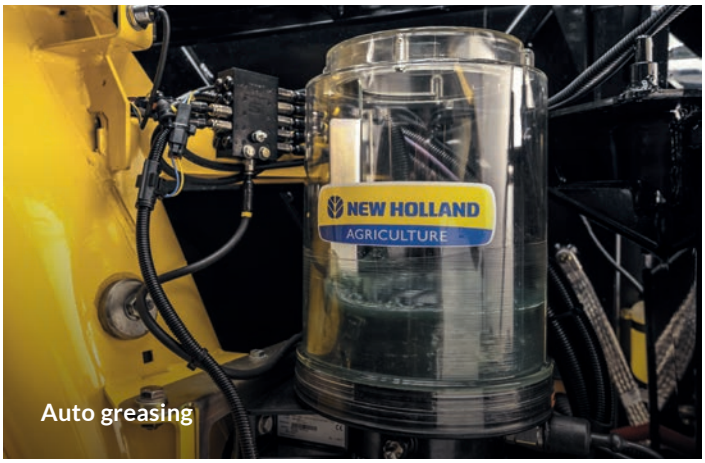
FR Forage Cruiser models have been designed specifically for speedy servicing. Every daily service point, such as the engine oil check and cab and engine air filters, is easy to access, getting you into the field more quickly. Side panels can be opened swiftly for access and checks, while long service intervals keep these machines working for longer. In the event of a blockage in the spout, removable panels allow easy and quick access for swift clearance. Heavy-duty, wear-resistant plates can be fitted in the crop-flow passage and on the full length of the spout to enhance durability when working in abrasive crops.

Less maintenance, lower costs

Long service intervals, hard-wearing wear parts and easy service access all add up to one thing: less cost. While you spend more time working with your machine and less time servicing it, you also benefit from a total cost of ownership that is considerably lower than many comparable machines in this sector. Invest in a New Holland FR Forage Cruiser, and you're buying the most durable machine on the market.

Large tool storage





Auto greasing

Models	FR480	FR550	FR650	FR780	FR920
Engine*	FPT Cursor 13	FPT Cursor 13	FPT Cursor 16	FPT Cursor 16	FPT V20
Configuration	Inline 6	Inline 6	Inline 6	Inline 6	V8
Capacity *(L)*	12.9	12.9	15.9	15.9	20.1
Compliant with engine emissions regulations	Stage V	Stage V	Stage V	Stage V	Stage V
ECOBlue™ HI-eSCR 2 system (Selective Catalytic Reduction)	●	●	●	●	●
Maximum engine power (1700-1900rpm) - ISO TR14396 - ECE R120 *(kW/hp(CV))*	350 (476)	400 (544)	480 (653)	570 (775)	670 (911)
Maximum Torque (1500 rpm) ISO 14396 - ECE R120 *(Nm)*	2003	2316	2751	3323	4095
Torque Rise (2100 to 1500 rpm) *(%)*	38%	38%	37%	38%	48%
Rated Engine RPM	1800	1800	1800	1800	1800
Fuel Capacity *(gal/L)*	317 (1200)	317 (1200)	317 (1200)	317 (1200)	317 (1200)
Fuel capacity with additional fuel tank *(gal/L)*	396 (1500)	396 (1500)	396 (1500)	396 (1500)	396 (1500)
AdBlue Tank Capacity *(gal/L)*	52 (200)	52 (200)	52 (200)	52 (200)	52 (200)
Feeding					
Number of Feedrolls	4	4	4	4	4
Feed Opening Width *(in/mm)*	33.9 (860)	33.9 (860)	33.9 (860)	33.9 (860)	33.9 (860)
Length of Cut Adjustment	Infinite	Infinite	Infinite	Infinite	Infinite
Rock Alert	○	○	○	○	○
Metal Detection	●	●	●	●	●
Dual Drive	●	●	●	●	●
Chopping					
Cutterhead	Chevron pattern with 2 rows of knives				
Cutterhead Cylinder Width *(in/mm)*	34.8 (884)	34.8 (884)	34.8 (884)	34.8 (884)	34.8 (884)
Cutterhead Diameter *(in/mm)*	27.9 (710)	27.9 (710)	27.9 (710)	27.9 (710)	27.9 (710)
Cutterhead Configurations	2x8, 2x10, 2x12, 2x16, 2x20				
Knife sharpening / Shearbar Adjusting	From Cab	From Cab	From Cab	From Cab	From Cab
Knife Sharpening	Forward/Reverse	Forward/Reverse	Forward/Reverse	Forward/Reverse	Forward/Reverse
All Crop Processors					
Roll Diameter *(in/mm)*	9.8 (250)	9.8 (250)	9.8 (250)	9.8 (250)	9.8 (250)
CP Wdith *(in/mm)*	29.5 (750)	29.5 (750)	29.5 (750)	29.5 (750)	29.5 (750)
Processor Roll Gap Control from Cab	●	●	●	●	●
Standard Crop Processor	●	●	●	–	–
Two Roll System with Saw Tooth Profile (teeth)	99/126	99/126	99/126	–	–
22% Speed Differential	●	●	●	–	–
30% Speed Differential	○	○	○	–	–
DuraCracker™ Heavy Duty Crop Processor	–	–	○	●	●
Two Chrome Roll System with DuraCracker™ Saw Tooth Profile (teeth)	–	–	100/130	100/130	100/130
Two Chrome Roll System with DuraShredder™ Spiral Cut Tooth Profile (teeth)	–	–	110/145	110/145	110/145
30% Speed Differential	–	–	●	●	●
40% Speed Differential	–	–	○	○	○
Accelerator					
Diameter *(in/mm)*	20.7 (525)	20.7 (525)	20.7 (525)	20.7 (525)	20.7 (525)
Width *(in/mm)*	29.5 (750)	29.5 (750)	29.5 (750)	29.5 (750)	29.5 (750)
Spout					
Max Height *(ft/m)*	21 (6.4)	21 (6.4)	21 (6.4)	21 (6.4)	21 (6.4)
Rotation Degree	210	210	210	210	210

Models	FR480	FR550	FR650	FR780	FR920
Transmission	Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic
Gearbox	4 Speed	4 Speed	4 Speed	4 Speed	4 Speed
Differential Lock	●	●	●	●	●
Mechanical 4WD	●	●	○	○	○
Max Road Speed *(mph/kph)*	25 (40)	25 (40)	25 (40)	25 (40)	25 (40)
Cab					
12-inch IntelliView™ IV Plus Monitor	●	●	●	●	●
2nd IntelliView™ IV Plus Monitor	○	○	○	○	○
Cloth Seat	●	●	●	–	–
Leather Seat with Heated and Ventilated Seats	○	○	○	●	●
Footrests	●	●	●	●	●
Coolbox	●	●	●	●	●
Phone Mount	○	○	○	○	○
Tablet Mount	○	○	○	○	○
Technology					
FieldOps Connectivity	● (Lifetime)	● (Lifetime)	● (Lifetime)	● (Lifetime)	● (Lifetime)
Yield Sensing	○	○	○	○	○
Moisture Sensing	○	○	○	○	○
NIR Sensor	○	○	○	○	○
Mapping	○	○	○	○	○
Spout Guidance	○	○	○	○	○
Row Guidance - Corn Header	○	○	○	○	○
IntelliSteer - Auto Guidance	○	○	○	○	○
ActiveLOC	○	○	○	○	○
CropSpeed - Crop flow radar for prevention of spout plugging	○	○	○	○	○

● Standard ○ Optional – Not available

*Developed by FPT Industrial

NEW HOLLAND

Learn more at **www.newholland.com**

Safety begins with a thorough understanding of the equipment. Always make sure you and your operators read the Operator's Manual before using the equipment. Pay close attention to all safety and operating decals and never operate machinery without all shields, protective devices and structures in place.

THINK SAFETY

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