

BRAUD EXTRA HIGH CAPACITY GRAPE HARVESTERS

9090X



Braud Extra High Capacity Series. Excellence reinvented.

The Braud 9000X Series is built with proven Braud DNA to deliver high quality, clean grapes to some of the world's top vineyards. With industry-exclusive features such as the Noria buckets, and the SDC shaking system, our harvesters are designed to be gentle on the vines, provide better climbing capability in steep hills, and be more efficient and easy to operate. Couple these harvest-focused features, with industry-leading cleaning systems, such as the patented SOCMA destemmer, now available with a side conveyor configuration, and your operation will benefit from less time spent cleaning at the winery and better tasting wines.

Productivity & harvest care

The harvest season is now shorter than ever. The Braud 9000X Series can be set up quickly and easily to work in different vineyards for maximum efficiency. The SDC shaking system, extra large shaker frame and high capacity cleaning system help you harvest your vineyard gently and efficiently. The integrated Intelligent Management System 2.0, with IntelliView™ IV touch screen monitor provides full access to all key harvester functions. The Automated Crop Setup (ACS) feature helps program and store your preferred harvesting settings for easy setup to start your harvest. Optimizing productivity for all vine types has never been easier.

Less wash time. More work.

The washing process has been reinvented. The Braud 9000X Series now features wireless remote control convenience to provide effective washing while saving you time and money. The picking head wash time is reduced by a unique pre-washing system featuring a strategically positioned water supply pipe, water nozzles positioned to key areas, and fewer debris accumulation areas. The Noria tension system and automatic transport lock helps to reduce maintenance and preparation time. Destemmer rotors now feature a tool-free height adjustment system, allowing easy adjustments in the field to maximize cleanliness.

Best in class comfort & safety

Step up into your new field office. The Braud cab has been designed to fit you perfectly. The seat and steering wheel adjust to suit you. The standard armrest, with integrated multifunction handle, provides easy access to the most commonly used controls. Safe, quiet and comfortable, the cab complies with the stringent Code 8 European Machine Directive, and can now be fitted with the unique Blue Cab™ 4 system, providing a twin filtration system, complying to both Category 2 and 4 of EN 15695-1 and -2.

Power & fuel efficiency

With FPT Industrial common rail electronic engines you'll see higher power outputs and better fuel economy. With up to 182hp, the new Stage V 6 cylinder NEF engines deliver more power and torque with best in class fuel efficiency. The steering system provides time-saving maneuverability, even on tight headlands, with minimum effort.

Multifunctionality

Fitted with the multipurpose arm, rear frame and ballast, you will quickly turn your new Braud 9000 into a unique tool carrier for different applications. Sprayers and front implements are the go-to choice to turn your Braud 9000X into a multipurpose machine that works productively year round.

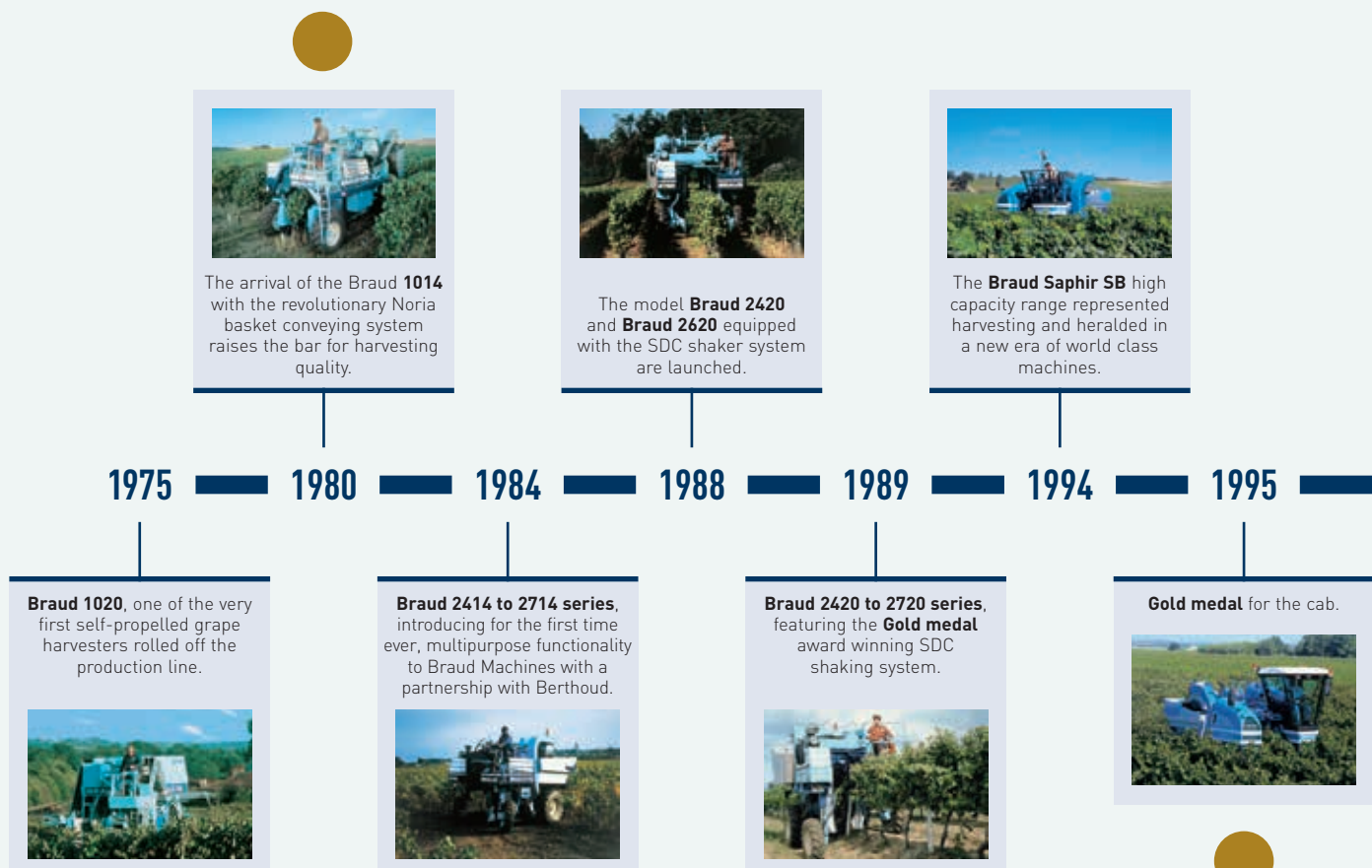




More than 45 years of awarded innovations.

A history of harvesting excellence

In 1975 Braud developed their first self-propelled grape harvester and the face of viticulture changed forever. Today, these state-of-the-art New Holland Braud machines are designed, developed and built by engineers that live, breathe and sleep wine and olives at New Holland Braud Centre of Excellence in Coëx, France. This pioneering plant is at the forefront of sustainable production, with innovative schemes aimed at reducing the environmental impact and carbon footprint of grape, olive and almond harvester manufacturing.



Awarded quality

The Coëx Centre of Excellence designs, develops and produces self-propelled machines for harvesting and cultivating perennial plants that are certified "Origine France Garantie". This certification implies that the design and manufacture of the machines are carried out in France with a view to excellence. Our skills and knowhow are varied: design, cutting, bending, stamping, welding, painting and of course assembly. For our customers, this is a sure guarantee of quality.



Braud SB65 fitted with an extra large shaker frame with twin adjustment system, the SDC shows its true potential for extra large vineyard grape harvesting.

2001

Silver medal for new **Braud VX7090 Olive**: the new Super High Density olive harvester maximises picking efficiency.

2003

2011

2012

2017

2021



New **Braud 9090X Olive**, the efficiency for Picking is maximised also with IMS 2.0.

Extra large vineyard and Super High Density Olive orchard can now select the **Braud VX680** series. Medium and large vineyards can now select the **Braud VM300** and **VL500** series for enhanced mechanization.

Braud 9090X Olive: with Tier 3 and IMS system: it's the first stage of the Intelligent Harvesting.

Braud 11.90X Multi is launched. Almond and Olive orchards can now select this new machine.



The **destemmer** separator is launched. **Braud VM** and **VL series** are launched.



Silver medal award for **Braud 9090X series**: with IMS system. Also, Gold medal at SITEVI for EnoControl™.



A major leap, the **Blue Cab™ 4** has been awarded Gold Medal at SITEVI.



Silver medal at SITEVI for the **XPN powered by Zasso**, electrical weeding system for **9000N** straddle tractor.

2002

2003

2011

2013

2015

2019

2021

Gold medal for the new generation harvesting head.

Gold medal for the Opti-Grape.



Gold medal at SITEVI for multipurpose on demand.



New **Braud VN240-260** revolution the narrow vineyard works with both harvesting and multifunction ability.

New **Braud 9080N** is launched. All skills have been optimized, from picking, to spraying, topping, soil working etc... The multifunction now has a name.



2000

2008

2017



New **VN2080**, pushes again the limit with for the first time on a narrow vineyard harvester, the SOCMA on board destemmer; Silver Medal at SITEVI.

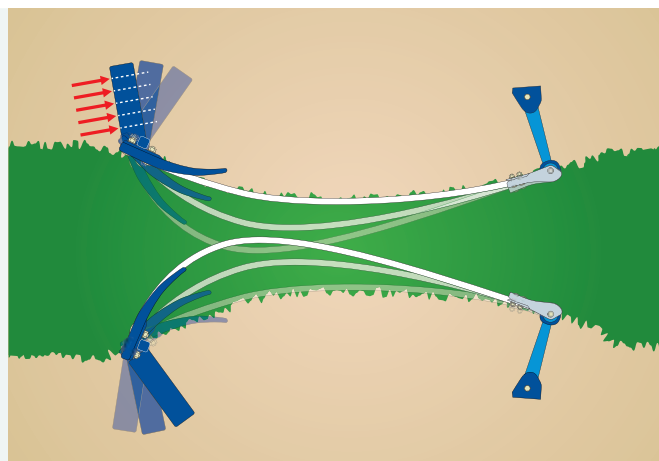
At the heart of Braud DNA.

For over 40 years, our specialist teams at the Coëx factory in France, have designed, fine-tuned, and produced over 17,000 grape harvesters. The Braud history sets a benchmark in manufacturing quality, grape harvesting quality, and meets the multifunction needs for wine growers throughout the world. The SDC system (Shaking Dynamic Control) with flexible shaking rods, and the Noria collection system are at the heart of Braud DNA. These patented Braud technologies provide unparalleled shaking efficiency, respect for the wine stock, fruit integrity, and minimize ground losses.



SDC shaking system

The SDC shaking system is an industry exclusive for the Braud Series. Each shaking rod is independent and hinged at the rear on a maintenance-free flexible connection. This connection allows perfect control of the shaker action, with maximum flexibility, for gentle picking. The ACS system "Automated Crop Setup" will enable you to program and save your preferred harvesting settings into a folder on the IntelliView™ IV monitor. You can recall your preferred settings for each crop and vineyard when required.



Extra large shaker frame

Braud 9090X feature an exclusive Extra large shaker frame: both sides can slide in an out for perfectly match and shake wide bushes. Once adjusted, heavy duty sliding frame, combined with hydraulic lock pads make the most of your adjustment to efficiently and gently pick even the widest canopies.



Optimised shaking system

Standard configuration includes 24 shakers on all Braud 9000X Series harvesters.



Adjustable shaker plate

Braud 9000X Series harvesters can be fitted with a quick release shaker plate. The quick release shaker plate, allows the operator to easily adapt the chosen shaker rod to the fruit bearing zone with only one bolt. As a result, the shaker height is easily adaptable from vineyard to vineyard. The heavy duty quick release shaker plate can accommodate up to 24 shaker mounts.



Your wine, treated with care from the beginning.

Since 1980, the Noria bucket system has collected every grape harvested by a Braud harvester. New Holland has been constantly improving and refining the system for higher speed and productivity. The Braud Noria system has become the benchmark for grape harvesting.

No fruit maceration

The grapes collected by Noria buckets at the bottom of the harvesting head are conveyed gently, without loss or maceration, up to the top of the harvesting head, always by the same bucket. Its design allows it to catch and carry even the lowest fruits safely.



Noria collection system, a must have

At New Holland Braud, respect for the vine and grapes is a design priority. The proven Noria polyurethane buckets, ensures total care of the vines and fruit without ground losses. All updated Braud models have extra capacity with 2500mm of sealed length on the 9090X and XXL size buckets.



Quick bucket clip

Noria buckets are now fitted with the quick fit blue bucket clip, acting like a fuse toward over stress, to help reduce bucket damage. The quick attach design is simple and user-friendly and can be installed in no time.



Reduced and simplified maintenance

Maintenance of the Braud 9000 Series is now even easier. Advanced components make ownership and maintenance more cost effective and straightforward. The Noria tensioning system allows for tool free tensioning of both Noria sides, using a simple crank handle to move the Noria rails up and down. A Noria pressure sensor detects when the Noria are under too much pressure and warns the driver.



Best in class cleaning

The cleaning conveyors are optimized for even crop distribution. The cleaning always occurs when the crop is in free fall, for better effectiveness on lightweight material. All Braud 9000 Series and 9090X are fitted with a 700mm wide high capacity cleaning conveyor for a better crop conveying and high capacity cleaning. An easily adjustable flap ensures the best crop distribution over the belt for better crop cleaning.



High capacity in every way

Cleaning fans have been optimized to improve crop sample cleanliness. The redesigned fan exhaust now directs fan air flow to the rear of the machine for less dust, less noise, and less residue accumulation. The end result is better airflow efficiency for the cleaning system, and provides easier access to the machine and fan pipes. An additional benefit of this redesign is increased hopper capacity of 4000 liters on the Braud 9090X twin hopper, making it the largest hopper capacity on the market.

Premium quality fruit delivered... Non-stop.

Now available with side conveyor, the Braud 9000X Series can be fitted with a SOCMA patented destemmer. Add the optional destemmer to your Braud 9090X high-yield harvester and you will maximize fruit quality while maintaining high yields and harvesting capacity. An advanced mesh and finger system eliminates up to 99.56% of harvest impurities, or MOG (material other than grapes) including rachis, stalks, leaves other debris. By removing MOG while you harvest, you not only improve your efficiency, you help eliminate the herbaceous taste that can be transferred to the grapes during transport to the winery. For the two-hopper 9090X model, the optional destemmer is fitted on the top of each hopper and does not compromise hopper capacity for optimum productivity. The destemmer can handle high yields while providing outstanding harvest quality and minimal grape damage. Setting up the destemmer has been improved, with easier settings, to fine tune the destemming process resulting in best in class fruit destemming, fruit quality, integrity, and capacity.

Outstanding impurity elimination

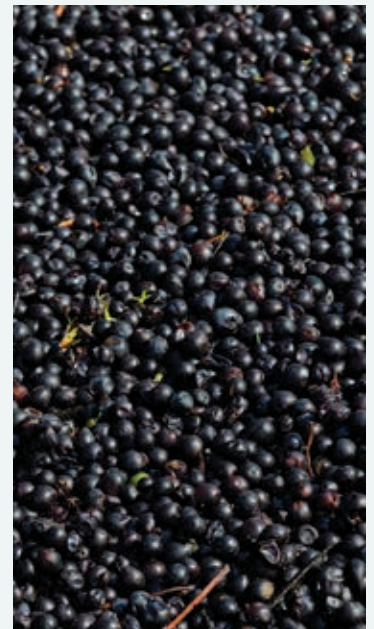
The destemmer eliminates harvest impurities such as stalks, leaves and all material other than grapes (MOG). A dedicated MOG transfer auger discharges this material to the ground or to the picking head for recycling and re-destemming.

Gain in quality, gain in productivity

The destemmer is positioned on the machine in a way that does not compromise the hopper capacity. It has a high throughput for optimum productivity, that can handle an astonishing destemming throughput up to 25 tons of grape per hour. Two grape level sensors advise the driver when the hopper level reaches 75% full, to prepare unloading logistics, and warns the operator when the hopper is 100% filled.

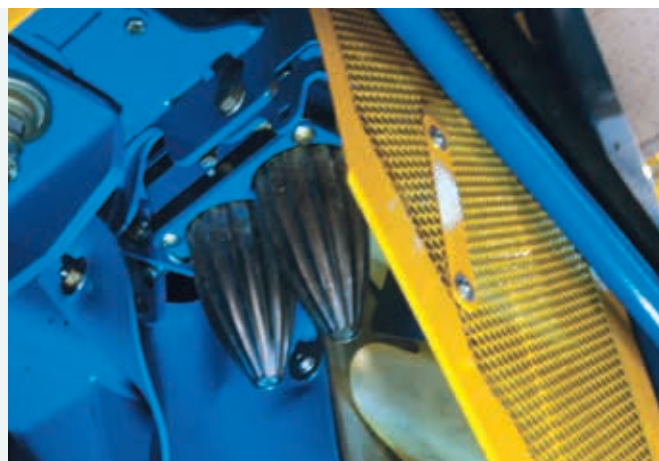
Destemming made easy

A specially designed crop distributor for 9090X twin hopper, combined with two infrared level sensors, allows the hopper to be filled completely and automatically, particularly in non-destemming mode. Combined with electrically actuated flaps at the front of destemmers, it enables the driver to switch from destemming to non-destemming from the cab. This feature is especially useful for operators working more than 30% of the time in non-destemming mode.



Cane remover

In heavy canopy conditions, or conditions that may cause the shaking system to detach canes or branches, the cane removal system removes obstructions to avoid blockages to the Noria buckets, conveyors, fans, etc.



Pre-sort system improves air flow

For even better cleaning capacity, the 9090X two-hopper model features a pre-sorting system consisting of two rollers positioned at the end of the receiving conveyors. The rollers direct single berries that don't need destemming directly onto the cross conveyor. This increases air flow to the top fan to help lift and remove leaves from the remainder of the harvested fruit.



High-performance grape cleaning

Four cleaning fans—two upper fans and two lower fans—are standard equipment and provide optimal performance in heavy canopy conditions. Using four fans leads to the removal of more leaves compared to using two top fans alone. The top fans are 63.5cm in diameter for more air flow at lower RPMs for less juicing in high tonnage conditions. Top fan exhaust tubes are directed to the top rear of the harvester for less noise, dust, and residue. The Braud 9090X delivers better productivity and a cleaner product sample.



Simplified settings, better destemming

Setting up the Braud 9000 Series destemmer is simple and straightforward. The distance between the rotors and mesh can be adjusted using the Noria adjustment lever to fine tune the destemming quality and performance to make the most of your harvest. The mesh tension adjustment has been revised with a tool free system. Advanced materials, sealed bearings and a smoother conveyor path make the New Holland destemmer reliable - saving you time and money.



Washing made easy.



The Braud 9000 Series was designed with operator ergonomics in mind, user-friendly interfaces, safety and easy maintenance. The washing system and maintenance functions in particular have been carefully engineered, which earned the Braud 9000 series a Silver medal at Sitevi 2017. The award-winning washing system comes standard to ensure cleaning is quick, easy, and effective.

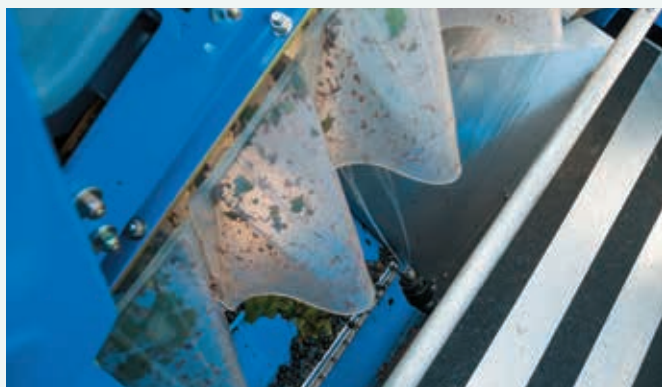


Washing system: 20 minute cycle time

The pre-wash set up couldn't be easier, all you do is connect a water supply. Using the wireless remote control, the operator can set the machine to run the pre-wash cycle automatically, in preparation for the manual rinse. The result is a complete pre-wash cycle in 20 minutes.

Pre-washing system

During the pre-wash cycle, six water nozzles spray water into difficult to reach areas, such as the Noria buckets and the conveyor belt. The operator can then use the on board water hose to do a final rinse from the safety of the platform, avoiding the need to drag a water hose from ground level. The pre-wash system improves operator safety and saves time by quickly wetting and rinsing the sugars and debris away while the operator gets "suited up" in preparation for the manual washing process.



Strategically placed water nozzles

The washer nozzles target the Noria buckets when they are upside down. The dirty water and debris falls out and is carried away by the conveyor belt for a fast, efficient wash cycle.



Remote control washing

All Braud 9000 models come equipped with a standard wireless and waterproof remote control to allow the operator to activate the key machine functions during the washing process from a safe position. Two specially designed waterproof wash suits are provided and feature a dedicated arm pocket for the wireless remote control, so the operator always has the remote within easy reach.





Washing platform and IMS 2.0

The flat floor access platform features folding handrails so the operator can access the top part of the harvester in complete safety. The dedicated washing mode allows the operator to engage the washing operation from the safety of the platform, activating the Noria buckets and conveyors with the remote. Handrail sensors linked to IMS 2.0 ensure the machine functions can only be activated from a safe area.



Integrated storage

A storage compartment provides a convenient place to store boots and wash suits, or can be used for additional tool storage. The compartment is positioned next to the access ladder.

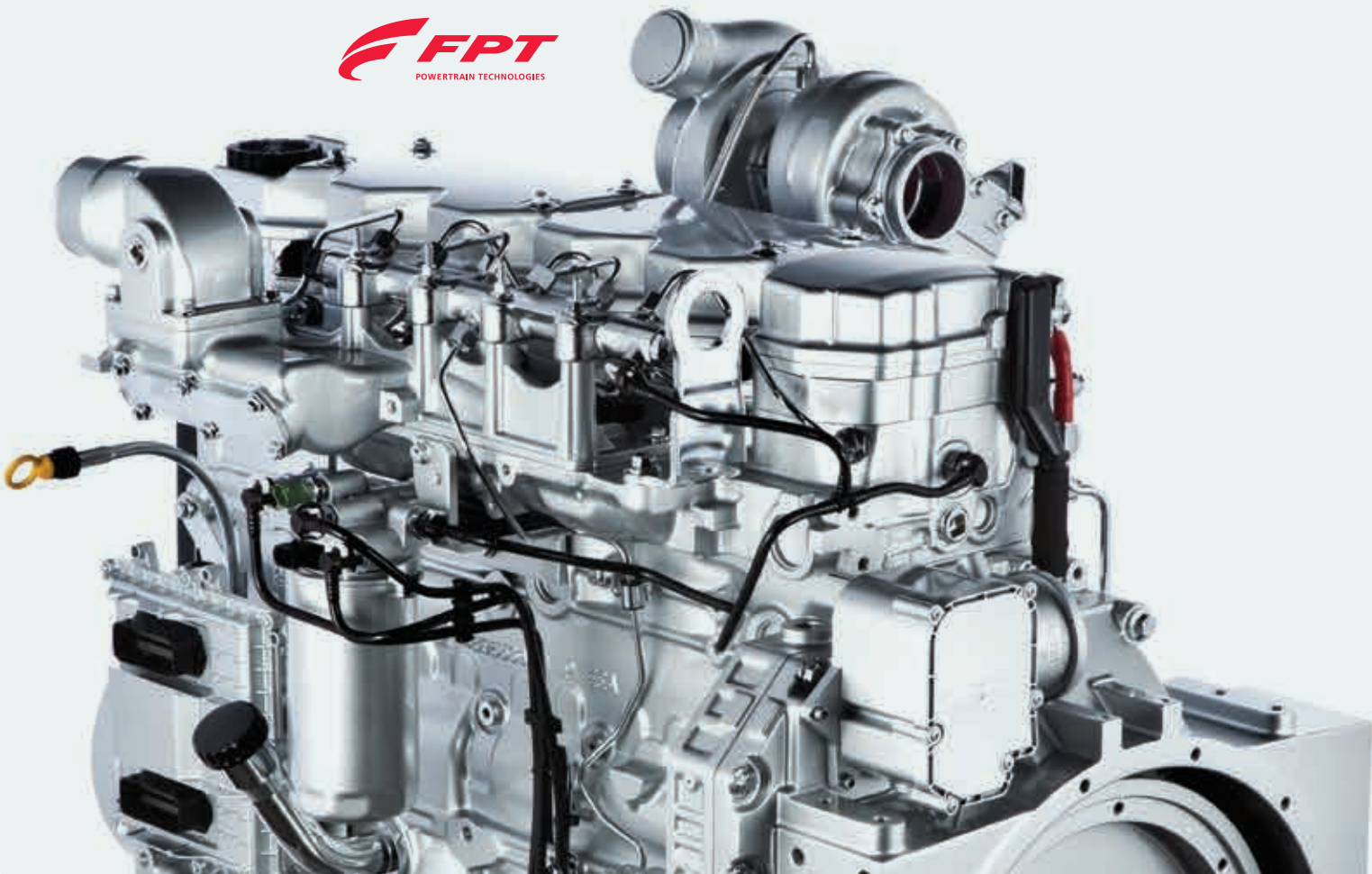
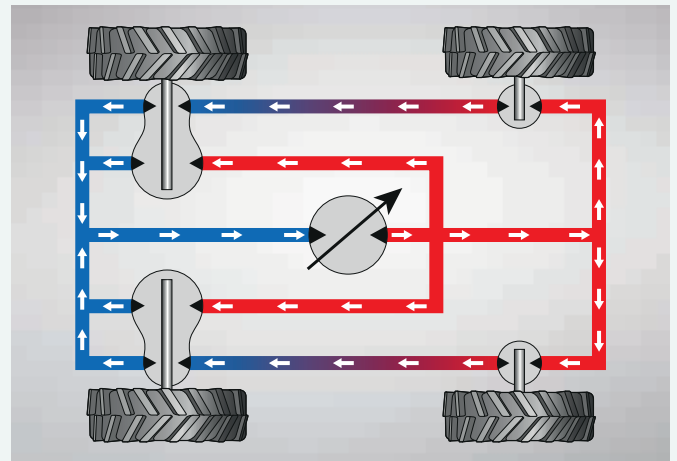


Powerful and fuel efficient.

The Braud 9000 series is powered by ultra-efficient FPT Industrial 6-cylinder Stage V HI-eSCR 2 common rail electronic engines providing 182 horsepower. Combined with the Anti-Skid Twin Lock transmission and IMS 2.0, the power management is designed for efficient fuel consumption. FPT Industrial NEF engines require no EGR valve solution, as the engine only breathes fresh, clean air. As a result, engine power outputs are equivalent to higher horsepower competitors that use EGR valves. The machine with the best engine on the market is the obvious choice.

IMS 2.0 new generation Intelligent Management System

Awarded a bronze medal at Sitevi 2017, the latest generation Braud Intelligent Management System, IMS 2.0, features added functionality: combined with the IntelliView™ IV monitor, it continually monitors the demand on the engine, keeping the harvesting parameters constant, but also taking into account the terrain and hydrostatic load, to constantly adjust engine rpm. The Braud high capacity range also features the benchmark Twin Lock hydrostatic system to maintain traction between the front and the rear wheel motors. As a result, traction is maintained in the most difficult conditions. The result is optimized fuel efficiency and industry-leading slope management.

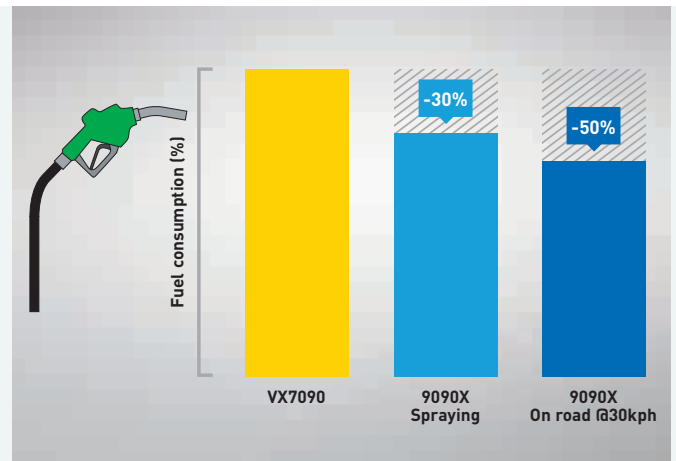


Outstanding fuel efficiency

Stage V HI-eSCR 2 engines, combined with IMS 2.0 offer outstanding fuel efficiency and economy. Pumps and hydraulics have been increased in displacement, resulting in a lower engine rpm requirement. Hydraulic components have been designed to provide fuel efficiencies during multifunction applications. This provides even better fuel efficiency in all work modes, benchmarking fuel efficiency while picking.

ECOBlue

HI-eSCR2



Heavy duty 30kph hydrostatic transmission

The Braud 9090X feature a high capacity, heavy duty hydrostatic transmission. Based on the Poclairn Twin Lock system, this extra high pressure and high efficiency transmission provides ultimate traction and hill climbing ability, with road speeds up to 30kph road speed. The Braud 9090X also features standard front wheel hydraulic suspension, for the best ride and comfort on the market.



Automatic leveling and head lock system

IMS 2.0 controls height and leveling. The operator simply sets the desired picking head height, and it will be maintained automatically, regardless of the terrain. Standard sensors, prevent the picking head from making contact with the ground in difficult conditions. Machine height is also maintained in road mode thanks to the auto-leveling system, providing constant height adjustment. Activated from the comfort of the cab, the automatic lock system keeps the picking head secure during road transport.



Maneuverability and headland management

The headland management sequence can be activated with one button push on the multifunction handle, lifting the machine to a pre-set headland height and stopping the shakers. The same headland button will turn on all functions when entering the next row.

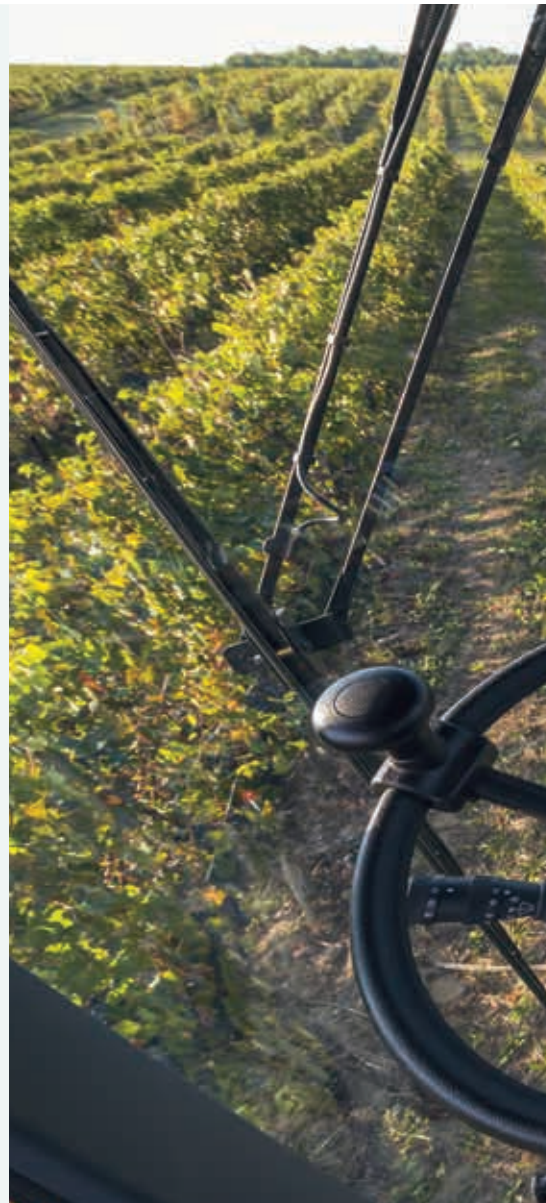


Harvest in first class.

Braud 9090X series harvester cabs are recognized as the industry benchmark. The cabs are fully suspended and soundproofed for a smoother, more comfortable ride. Pressurized, heated and air-conditioned, the cabs are designed to offer optimum comfort and protection during harvest, spraying and other operations. Noise levels are reduced by 3 decibels compared to the previous harvester series, providing the quietest and most comfortable cab on the market.

The comfort benchmark

The Braud cab is designed to meet safety standards while keeping you comfortable throughout harvest. A seat belt, safety glass hammer and operator presence sensor are standard features. The side console provides enough space to securely store your personal items such as phones and features Bluetooth radio and two USB connections, allowing you to keep electronics fully charged. A fully redesigned headliner, including a coolbox, provides extra finish and functionality, with all buttons easily accessible. More comfort equals more performance.



Easy access

An electronic ladder platform makes cab access safe and easy. An LED motion sensor automatically lights the way when climbing the steps at night.



Light Control Panel

The Light Control Panel (LCP) provides easy access to turn on all of the machine lights and beacon.



Full visibility

The Braud 9000 Series cab and the slim profile engine hood allows full visibility on the right side of the machine, giving you full control during harvesting.



Night work

As standard, 12 lights illuminate your work area, with the addition of two rear side lights. Mounted on the left and right sides of the cab, the rear lights help with added visibility at night. Extra additional lights can be fitted as an option.



360° Vision

Two cameras come standard and are factory installed. In-cab color monitor can accommodate a total of four cameras to enhance visibility and view machine functions.



Shade and space

Braud cabs are fitted with two sun shades, one on the front windshield and one at the rear. They provide comfort even in the brightest harvest conditions. Attention to design detail includes improved in-cab storage areas. A fold-down laptop table, coat hook and elastic storage.

Blue Cab™ 4 system: ultimate protection and comfort.



Blue Cab™ 4 technology combines a cab filtration system with complete comfort. It is intended for multifunction activities such as spraying, or for those who expect the most operating ease with unique features. A heated and air ventilated two-tone seat ensures you stay relaxed and productive all day or night long.



Coolbox

The 9090X Series with Blue Cab 4 system features a 12V cooler, meaning a refreshing drink is only an arm's length away. Want more? Its portability means it can be easily removed for easy fill.



Auto air conditioning

Blue Cab 4 technology also brings with it new levels of comfort with integrated automatic air conditioning.



LED lights

With the Blue Cab 4 system, the lighting package has raised the lighting bar. The spread of the LED light has been engineered for maximum visibility of the entire machine and working area. A total of over 10,000 lumens produces the best visibility for all working conditions.

BLUE CAB⁴

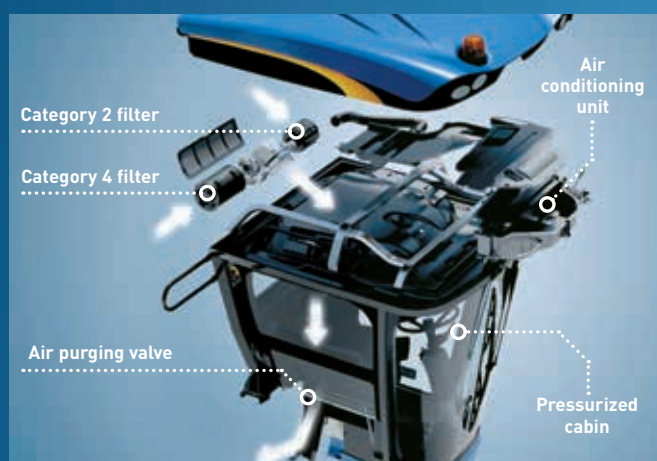
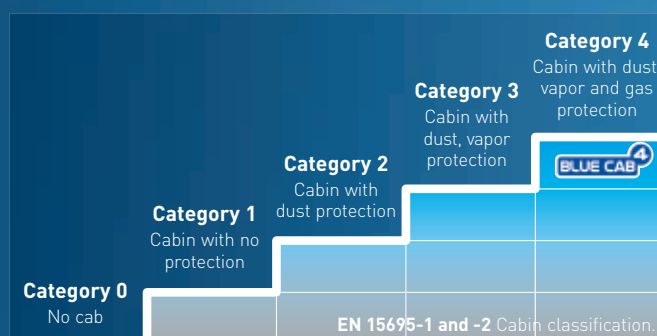


Level 4 filtration (EN15695-1 and -2) and even more...

The Blue Cab 4 system is the most advanced cab filtration system on the market: it features not only a category 4 filtering, closed loop cab pressurization system but it also includes category 2 filtration, used when category 4 is not needed. Both category 2 and 4 have been validated by IRSTEA according to EN15695-1 and -2 standards, and by a complete field test validation. The filtration switchover is easy. Category 4 automatically starts when a spraying unit is attached and activated. Therefore on the road or in non-spray conditions, only category 2 is used.

Pure air

The system includes a filter management system, helping to manage maintenance intervals and filter usage. Also included is a unique and patented auto air cleaning valve for purging air in the cab when the category 4 filtration starts.



Effortlessly maximising performance.

Intelligent and intuitive automation saves time and enhances harvesting performance. The multifunction handle allows you to control all key machine parameters, including travel speed and direction, manual leveling and harvesting head functions. The right armrest can be adjusted in length and height, and machine functions can be analyzed at a glance courtesy of the IntelliView™ IV touch screen monitor. An interactive handle display will train operators directly on the monitor, teaching and self-training all functions and basic machine settings. The ACS screen will enable the operator to save the preferred picking setting and store for a later recall.

All grape harvester functions and parameters can be simply and easily adjusted by touching the IntelliView™ IV monitor

Raise right hopper

Raise both hoppers

Raise left hopper

Lower both hoppers (Automatic)

Lower right hopper

Lower left hopper

Raise machine

Tilt machine left

Tilt machine right

Lower machine

Engage conveyor and cleaning

Menu button: access menu to set parameters

Adjust parameters within selected menu

Engage shaking system





IntelliView™ IV plug and play

The ultra-wide 26.4cm IntelliView™ IV color touchscreen monitor is fixed on a sliding rail which can move up and down the cab pillar to position it just where you want it. When compatible multifunction implements are connected, the IntelliView IV monitor automatically sets work pages for easier control and management of the machine.



Row tracking system RTS

The optional RTS system uses GPS technology to map the rows on the IntelliView IV monitor, displaying harvested rows, missed rows and overlaps. Especially useful during night work and spraying applications.



Grape weighing system

Two hopper versions of the 9000 series harvesters can be equipped with an optional grape weighing system. This option weighs the machine before and after unloading, providing a static measurement of grapes for logistics, press management, or global yield measurement. A dedicated weight performance screen enables weights to be added and calculates the average yield (per block, per trailer, per day, etc.) and enables better management of the harvested crop. A printer will provide a ticket of the weights shown on the screen, to record the harvested grapes weight.



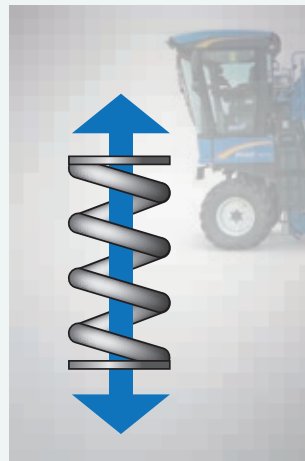
Onboard technology.



Row tracking system RTS

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RTS works in harvesting mode and in multipurpose. In multipurpose, when you install a tool on your machine, you can indicate on the IntelliView™ IV the tool's width and where the tool is located on the machine. When the equipment will be active, the worked surfaces will be identified on the map on the IntelliView™ IV.



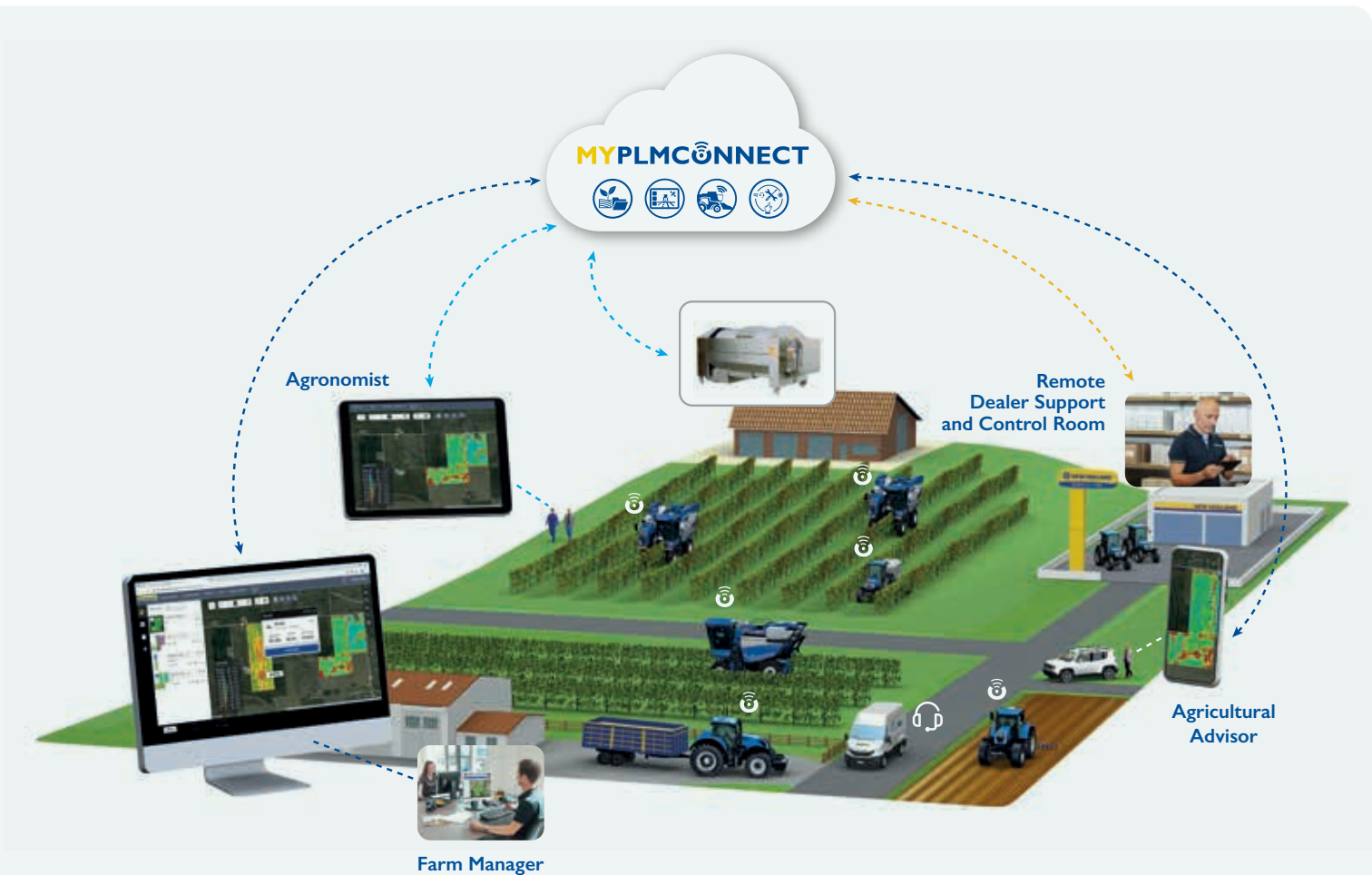
Front axle Suspension

Except on 9030L, all the Braud 9000 M&L can be equipped with the front suspension system. Working in field and road mode, it offers a perfect in cab comfort even in difficult fields or in high speed on the road. The suspension gives you a better grip to the floor, increasing the grounddrive skills of the machine. This system is available as an option mounted from factory only.



CustomSteer™

The time in headland is time lost! To improve your productivity and simplify manoeuvres at the end of each row, New Holland designed for you CustomSteer™ system. This new system can be adjusted regarding your feeling and your conditions, in order to offer more comfort and productivity in your daily works. CustomSteer™ system works in field mode. It analyses how you drive in headlands. The faster you steer, the faster the wheels are turning. The operator can customize this system to match his own driving feeling. He can also choose to deactivate the system for specific conditions. CustomSteer™ allows to save up to 40% time in headland. This system is available as an option mounted from factory only.



MyNew Holland™ portal and app to improve our customers' productivity

My Resources, My Services

The MyNew Holland™ portal and app give you access to a range of services to help you get the best out of your PLM® machines and systems:

- Request assistance
- Access New Holland and PLM Academy videos
- Find user manuals and much more

MyNew Holland™ gives you 24/7 access to our help desk, which is a one-stop shop for all kinds of information and a wide range of services to help you maximise the productivity of your equipment and never miss a special offer that's right for your business.

IntelliField™

IntelliField™ uses telematics to share GPS coverage maps between 2 to 6 machines. Machines harvesting or working at the same time, on the same plot, will be able to exchange their coverage maps and thus give a clear view of the ground covered by the fleet.

My fleet, Maximised

It takes less than a minute to register your New Holland equipment or PLM systems and link your account to your dealer. They can then manage each of your machines to perfection, with benefits for the productivity of your fleet, while monitoring the various aspects of your business.

Your connected vehicles are visible thanks to MyPLM®Connect.



Berthoud co-design.

Berthoud spraying equipment Cruis'air, co-designed with Braud, can be attached in less than 10 minutes by one person without any special tools, and is fully compatible with the IntelliView™ IV and Multifunction handle. Combined with Blue Cab™ 4 technology and IMS 2.0 system, Cruis'air will convert your Braud 9000M and L into the perfect combination for spraying. Cruis'air sprayer can be equipped in option with the automatic section control. This technology requires a GPS and needs a survey of each field. With this survey, a map is created, locating each beginning and end of row. Then, when spraying, the machine will automatically start spraying only in front of vine, even if the field is not square, reducing the quantity of product used and the environmental impact.



High productivity and driving comfort

Cruis'air, the new Berthoud sprayer for Braud 9000M and L have been designed with maximum efficiency and comfort in mind. The combination of a high capacity tank, up to 3000L, the Intensive and Extensive booms up to 6 rows sprayed at once, and advanced driving aids enable high daily work rates. The fully integrated tank and boom design ensure extreme manoeuvrability and increased driving comfort both in field and on road. The advanced ACS system provides headland sequence for boom and spray control when making U turns which simplifies driving. It also enables reduced fuel consumption by automatically lowering fan speed during the turns. Automatic boom folding is also included.



Full control from IntelliView™ IV and Multifunction handle

Cruis'air, the new Berthoud spraying unit for Braud 9000M and L is automatically detected when connected and work screen is automatically set up in IntelliView™ IV monitor. All main boom and spray control functions can be activated with a dedicated button allocation from the Multifunction handle. All required spraying parameters, such as pressure, tank gauge, all section control are visible on IntelliView™ IV monitor.



Easy operation

The Berlogic panel simplifies the operation of sprayer functions: spraying, rinsing, agitation etc. A minimized residual volume combined with a 220L clean water tank enables efficient boom and tank field rinsing. The high pressure agitation return circuit ensures efficient mixing and powerful agitation.





New Extensive telescopic boom

Berthoud sprayer for Braud 9000M and L feature the new Extensive telescopic boom. Its unique design allows proportional spacing and very easy control from the IntelliView™ IV monitor. The Extensive boom as well as the manual spacing Intensive boom can be equipped with ground tracking control. This systems which corrects automatically the distance of the droplegs to the ground simplifies driving in difficult terrain and ensures optimal spraying performance thanks to perfect boom positioning.



Fast and Easy Berthoud coupling

The Berthoud spraying unit features Braud 9000 hitching points for fast and easy replacement of the picking head. One man can hitch the spraying unit within 10 minutes without any special tools. Electric and hydraulic connections are easy to handle. Perfect weight distribution is guaranteed for the 3000 liters tank size.

A perfect application

Featuring either pneumatic technology (CG diffuseurs or AB Most droplegs) or Air Drive hydropneumatic technology, Berthoud sprayers for Braud 9000M and L always provide the best application solution to suit your vineyard.

Year round productivity.

The base unit is designed to be used all year long, from pre-pruning to grape harvesting. In order to achieve this, a new patented system to couple and uncouple the picking head and a new front tool carrier were developed. Multifunction on demand will provide extra versatility, either connecting and automatically updating the screen to the tool attached. Multifunction on demand software provides extra adaptability, allowing control of any implement electrics/hydraulics through the multifunction handle and IntelliView™ IV screen.



Multipurpose frame and ballast

The multipurpose frame can be hitched within 10 minutes by one man and all hydraulic and electrical connections are grouped together for an easy access. In place of the picking head, the frame balances the machine correctly when multipurpose applications are being performed. With this frame, you will turn your new Braud 9000 into the perfect tool carrier, making year round vineyard work.



Front tool carrier

Purpose developed for the new Braud 9000M and L models, the all new front implement carrier can be fitted by the operator quickly and easily. Implements, to include a trimmer, prepruner and leaf-remover, can be fitted with fully integrated control via the IntelliView™ IV touch screen. The implement carrier telescopically adjusts both horizontally and vertically to suit the implements. It can be set to move away from the cab during a turn; its low attachment avoids blind spots and ensures unobstructed right hand side visibility. A purpose designed support stand enables easy detachment and storage of the multifunction arm when not required.



Multifunction on demand

Enables the operator to configure the work screen and allocate each buttons of the multifunction handle to activate the desired hydraulic/electric output to control any vineyard implement. In addition, the implement parameters can be run in a closed loop and managed by IMS 2.0, making improvements in fuel efficiency also in multifunction. The result: all functions can be activated via the Braud multifunction handle and IntelliView™ IV screen: please contact your New Holland dealership for any implement adaptation.





Spreading with GRV

New Holland has worked in partnership with GRV to develop a range of spreaders for its grape harvesters. The base units are designed for quick coupling of implements and have hydraulic and electrical connections in the right place, to facilitate coupling and uncoupling. The spreaders are controlled from inside the cab with the multifunction handle and the IntelliView™ IV. Three models are available. The TOPLINE 2400A is a high-performance floor chain spreader for fibrous materials. Its modern technical design combines ease of operation and maintenance, high capacity and performance. Featuring multiple functions, this spreader gives high priority to ease of use.



Pre pruner MP 122 Provitis

Pre-pruning head with two banks of shearing discs, with modular working heights from 485 to 995mm.



Leaf remover LR 350 Provitis

The frame is composed of two leaf removing heads, each head is equipped with hydraulic width adjustment. The optional A'Syst hydraulic system enables the leaf plucking head to react better to the shape of the canopy during leaf plucking. The result is gentler and more accurate treatment of the canopy than the more typical spring loaded systems.



Trimmer ST 120 Provitis

Adjustable cutting bars with 430mm rotary blades, rotating at a speed in the range of 2000rpm. The trimmer is offered in 2 models (one row or one and two half rows) with cutting heights of 123, 142 and 175cm.

360°: Braud 9090X.

The Braud high capacity models have been designed to spend more time working and less time in the yard. All service points are easy to access, and long service intervals mean they will spend more time in the vineyard.



Two piece engine hood opens wide for full service access: front hood flips up perfectly for accessing the engine, side door swings with a gas strut for cleaning and servicing hydraulics and coolers.

Both fuel tanks can be filled from the ladder for easy access.

Cooling package opens out to make cleaning faster and easier.

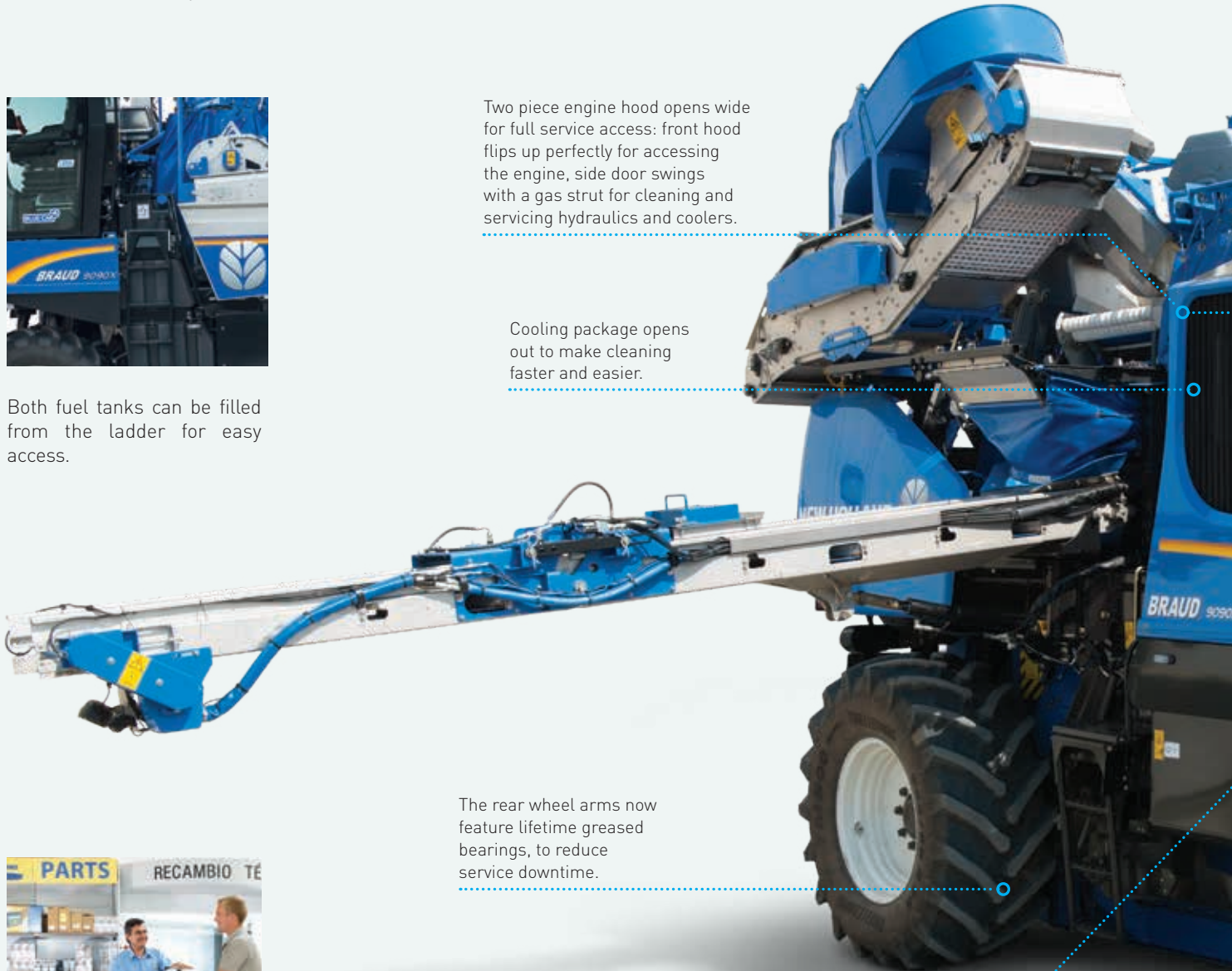


Will I be able to find parts easily?

Yes! It is available through your local New Holland dealer.

The rear wheel arms now feature lifetime greased bearings, to reduce service downtime.

The engine air filter is easy to check, clean or replace, with no need for tools, and is accessible from the ground.



Washing has never been so easy!
With a specially designed access platform, a water supply valve and hose, and washing buttons externally positioned on the cab pillar.

Both Cab air filters (Category 2 and 4) can be easily changed without tools, from the harvesting head platform. The IntelliView™ IV screen alerts the operator when the category 4 filter needs to be replaced.



Engine oil check and fill points are easy to reach. You will also be able to enjoy the long 600 hour service intervals that you've come to expect of New Holland.



Dealer Installed Accessories

A comprehensive range of approved accessories can be supplied and fitted by your dealer.

Models

9090X twin hopper

Vineyard row spacing	(m)	>2.2
Clearance Max (machine fully lifted)	(m)	2.97
Multifunctional grape harvester with Quick uncoupling		●
Engine		
Type		FPT NEF
Compliant with engine emissions regulations		Stage V
Power ECE R120 - ISO 14396	[kW/hp(CV)]	134/182
Cylinders / Aspiration		6 Turbo with Intercooler
ECObLue™ HI-eSCR system (Selective Catalytic Reduction)		●
Reversible cooling fan		●
Tractor base unit		
Diesel capacity / AdBlue capacity	(L)	270 / 41
Hydrostatic transmission with anti-skid system (Twin-Lock)		●
Heavy duty high-efficiency transmission, with 18.6mph road speed*		●
Maximum steering angle	(°)	90
Front wheel torque limiter		●
Maximum slope (with auger)	(%)	39
Maximum slope (with destemmer)	(%)	35
Maximum lateral slope	(%)	30
IMS 2.0 - Intelligent management system 2nd generation		●
CDHA - Automatic height and lateral slope correction		●
Cruise control with radar		●
Electric park brake with brake pedal and seat button		●
Front multifunction tool carrier		○
Harvesting head		
Number of SDC shakers (standard rotation)		24
Flexible rear shaker fixation		●
Semi-Quick coupling of the picking head		●
Optimized shaking (hydraulic extra wide frame width adjustment pinch)		●
Quick release shaker plates		○
Sealed length of collection buckets	(mm)	2499
Number of collection buckets		2x68
Bucket size		XXL with 4 clips
Ground sensor for auto-leveling		●
No tool Noria tightening system		●
Hydraulic cane removers		○
Automatic swing lock system		●
High capacity cleaning conveyors	(mm)	701
Upper cleaning fans with rear exhaust		●
Lower cleaning fans		●
Auger		●
Destemmer with easy rotor height adjustment system		○
Crop repartitor with non destemming from cab		Optional with Destemmer
2 Stainless steel hoppers	(L)	2000L per hopper
Pre-washing system with 6 nozzle rinse hose and valves		●
Washing remote control		●
Washing suits (2 size kit: M-L and XL-XXL)		●
Harvesting head centralized greasing		●
Progressive bin level indicator		●

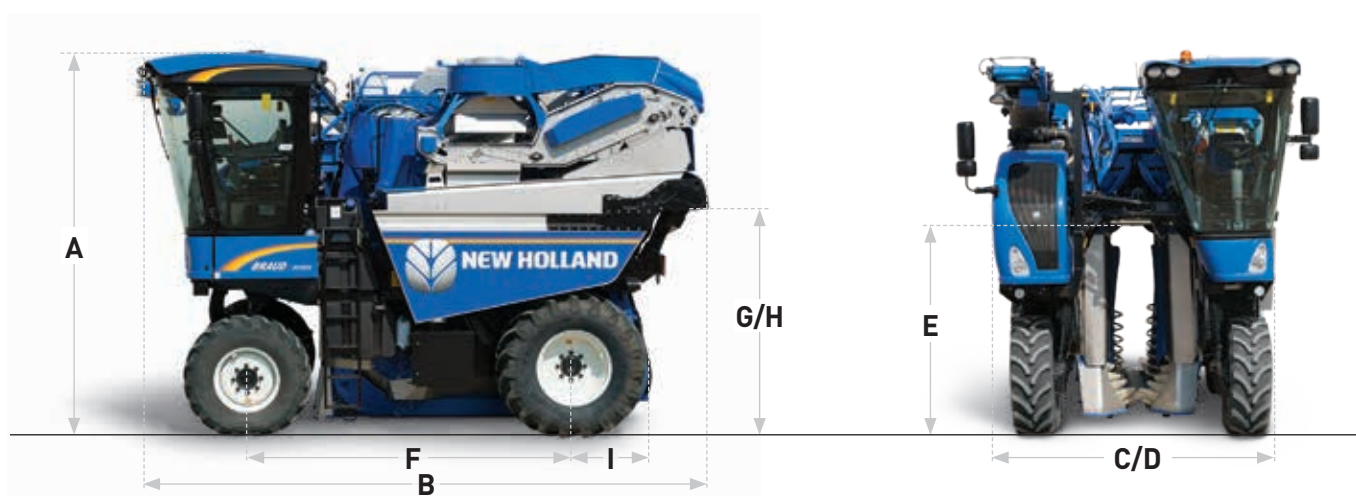
Models

9090X twin hopper

Cab		
Cab inside volume	(m ³)	2.23
Cab glass area	(m ²)	2.27
Actuated access ladder and platform with light		●
Protective structure		ROPS Code 8
Air conditioning and refrigerated box		●
Cab filtration system / category level [EN 15695]		● / 2
Blue Cab™ 4 package**		○
Bluetooth radio with separated microphone (hand free phone calls)		●
2 integrated speakers		●
Adjustable armrest & multifunction handle		●
IntelliView™ IV touch screen monitor with adjustable position		●
Splitable color monitor for cameras		●
Cameras (color)		2 STD /+2 OPT
Heated and ventilated bi-color deluxe seat		●
Lights with dedicated Light Control Panel (LCP)		12
Mirrors with electrical adjustment		●
Right mirrors retractable		●
Front and back glass sunshades		●
Premium Viticulture/PLM®		
Row Tracking System (RTS)		○
Grape static weighting system with printer		○
MyPLM®Connect Telematics professional package		○
CustomSteer™		○
IntelliField™		○

● Standard ○ Optional – Not available * Only for market authorizing homologation

** Blue Cab™ 4 package: Featuring Category 4 filtration [EN 15695-1 and -2], Automatic A/C, heated and ventilated bi-color deluxe seat, LED working lights, removable 12V Cooler



Models

9090X twin hopper

Dimensions and tires		
Front tires available		SW400/80 R24
Rear tires available		TW540/65 R28TL TW600/65 R28TL
A - Max. height with cab, harvesting head on the ground	(m)	3.93
B - Length max	(m)	6.0
C - Maximum width of base unit	(m)	3.18
D - Min width at the rear wheels (Narrow track if possible)	(m)	2.92
E - Ground clearance (under tractor frame)	(m)	2.20-2.97
F - Wheelbase	(m)	3.30
G - Maximum hopper tipping height, under hopper	(m)	3.10
H - Maximum hopper tipping axis height	(m)	3.28
I - Harvesting head back offset (from wheel axle)	(m)	0.95
Max useful shaker height - twin hopper / side hopper	(m)	1.50

New Holland Top Service: customer support and customer information.



Top Availability

If you need information, or have an out of hours question, ring our toll-free number*. All day, every day, we are just a call away.



Top Speed

Express parts delivery: when you need it, where you need it!



Top Priority

Fast-track solution during the season: because your harvest can't wait!



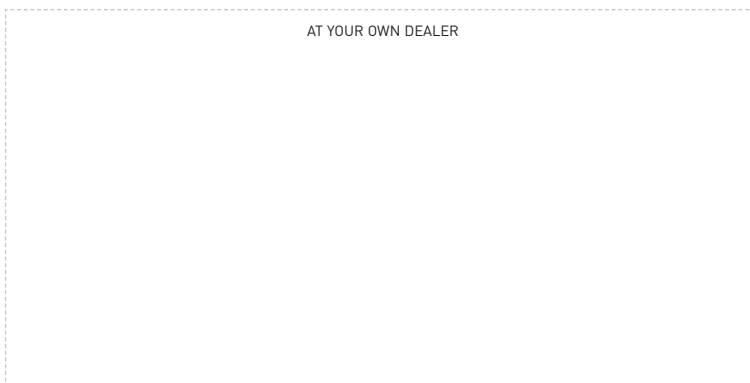
Top Satisfaction

We drive and track the solution you need, keeping you informed: until you are 100% satisfied!



For more details, ask your New Holland dealer!

* Calls to the Top Service team are free from landlines in the United Kingdom and Republic of Ireland. UK-based mobile calls are also free, but Republic of Ireland mobile users should call 01 2421881 and this will be charged at your standard network rate.



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