

# BRAUD OLIVE HARVESTER 175 HP

9090X



## BRAUD 9090X OLIVE. THE ERA OF INTELLIGENT OLIVE HARVESTING BEGINS.

The BRAUD Olive story began in 1996, with the introduction of the Saphir Harvester in Spain. Following its success, the first wide machine, the SB65, was launched in 2001 and designed specifically to work in the high plantation density of super-intensive olive orchards. Since then, BRAUD harvesters have consistently delivered the best harvesting quality and productivity in the demanding conditions of super-intensive olive orchard operations. Today the BRAUD 9090X Olive Series continues the legacy, built around proven BRAUD-designed DNA. The flexible SDC shaking system with flexible rear rod fixation softly shakes and detaches the olives, resulting in the most effective shaking action available for olive trees. The NORIA basket system revolutionized the mechanization of grape harvesting and also offers the best treatment for olive trees and harvested crop. Refined and developed, these proven BRAUD systems are now matched to a dedicated conveyor system and a high performance cleaning fan for olives. The result is improved cleaning and performance. BRAUD – the revolution continues.





### POWER & FUEL ECONOMY

Powered by FPT Industrial common rail electronic engines, the BRAUD 9090X gives you improved performance and economy. With six cylinders and an output of 175 horsepower (CV), the engines deliver more power and torque combined with 35% fuel savings on average.



### ULTIMATE COMFORT & SAFETY

Step up into the superb BRAUD 9090X Olive cab. You will find it has been designed to fit you perfectly. Note how the seat and the steering wheel adjust to suit you. The standard armrest, with integrated joystick, provides easy access to the most used functions. Safe, quiet and comfortable, the cab is engineered to keep operators productive.



### PRODUCTIVITY & EASE OF OPERATION

The harvest season is now shorter than ever, so the BRAUD 9090X Olive Series is designed to be set up to work in different super-intensive orchards in the minimum amount of time, for maximum efficiency. The integrated Intelligent Management System, with IntelliView™ III touchscreen monitor, provides full access to all key harvester functions. Optimizing your productivity has never been easier.



### FAST & EASY MAINTENANCE

The BRAUD 9090X Olive Series is redesigned to minimize maintenance time and costs. The large hood opening, centralized greasing and optimum lubrication for shakers comes standard, ensuring easy access, quick servicing and extended reliability. The FPT Industrial common rail engine doesn't need its first service until 600 hours. Less downtime. More productive working time.



AN EASY DAY.  
DURING AND AFTER THE JOB.



#### LOWER HOPPERS, RAISED DISCHARGE

The redesigned hoppers offer a lower center of gravity, for improved stability and traction. The tilting height of the hoppers is now 10.5 feet, plus the hoppers can simultaneously unload for reduced downtime.





### HARVEST NON-STOP

For unloading on the go and non-stop harvesting, the innovative Side Conveyor configuration is also available. This design provides extra efficiency during harvest.



### FRONT TUNNEL

The front tunnel enables progressive entry of the olive trees into the machine; it simultaneously helps to prepare the tree for harvesting and protects the super-intensive olive orchard canopy.

### NIGHT WORK - RTS ROW TRACKING SYSTEM

Night harvesting becomes easy for the operator with the Row Tracking System. You can specify RTS with New Holland GPS to automatically track the worked rows. Worked rows are displayed on the IntelliView™ III screen, enabling the operator to quickly identify the rows to be harvested. Double cab work lights and two additional LED lights to the front and rear of the picking head provide superior illumination in low light conditions. An additional LED light kit for intensive night operation is available.



# YOUR OLIVES. TREATED WITH CARE FROM THE BEGINNING.

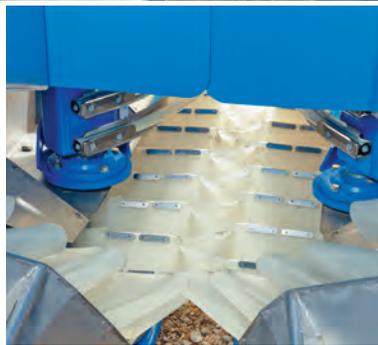
## 40 YEARS OF INNOVATION AND EXCELLENCE

For over 35 years, our team of specialists at the Coëx factory in France have designed, fine-tuned and produced over 14,000 grape and olive harvesters, establishing the benchmark in production quality, harvesting quality and response to the needs of growers throughout the world.



### SDC SHAKING SYSTEM

The BRAUD SDC is recognized as the best picking system, period. Each shaking rod is independent and attached at the rear to a maintenance-free, flexible fixation. This system allows for perfect control of the shaker action, with maximum flexibility, for gentle picking. The shaking system accommodates a maximum of 42 shakers and an overall shaking height of 78.7 inches (2,000 mm).



### NORIA COLLECTION NOW EVEN BETTER

At New Holland BRAUD, respect for the olives is a design priority. The proven NORIA system, with its polyurethane baskets, ensures careful treatment of the olive trees and harvesting without ground losses. The end result is high-quality olives with a "hand-picked" appearance.



### HIGH-CAPACITY CONVEYORS

The high-capacity conveyor and top cleaning fan system are specifically designed for cleaning olives. As a result, the cleaning fan removes impurities more effectively. With BRAUD 9090X Olive harvesters, you get better productivity and a cleaner product sample.

# MORE QUIET, COMFORTABLE AND SAFE.

BRAUD 9090X Olive harvester cabs are fully suspended and sound-proofed for a smoother, more comfortable drive. Pressurized, heated and air-conditioned, the cabs are designed to offer optimum comfort and protection during harvest, spraying and other operations. Noise levels have been reduced by 3 dBA compared to the previous harvesters when compared in like conditions. A seat belt, safety glass breaking hammer and electronic operator presence sensor are standard fittings. A fire extinguisher is available.



## INTELLIVIEW™ III. PLUG AND PLAY ISO BUS COMPATIBILITY

The IntelliView™ III in-cab display has a touchscreen interface to make setting machine functions faster and simpler. You can customize pages to suit your specific operations. The system offers full ISO BUS control so you can use your IntelliView screen to operate a range of compatible equipment, including sprayers and multi-function implements. This eliminates the need for separate controls and reduces the time to switch between jobs.



## ERGONOMIC EXCELLENCE

The narrower steering column with three-way adjustment provides improved visibility and comfort. Plus the high-comfort seat provides excellent support and shock load protection. The fully adjustable armrest supports the “all-in-one” multi-function lever that allows you to control travel speed and direction, leveling and the harvesting head.

## REMOTE CAMERA READY

The BRAUD 9090X Olive is fitted with two cameras. A third camera may be added to enhance visibility and your view of machine functions. Images are displayed on a dedicated color monitor that fits to the top of the IntelliView screen.

# MORE POWER. MORE PERFORMANCE.

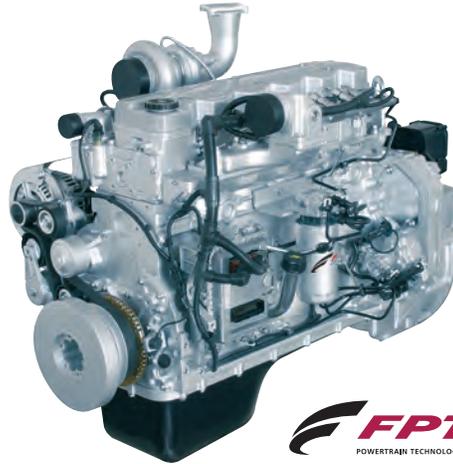
The BRAUD 9090X Olive Series is powered by ultra-efficient FPT Industrial 6-cylinder common rail electronic engines, with outputs of 175 horsepower (CV).



Sustainable Efficient Technology

## MODERN FUELS

All engines in the BRAUD 9090X Series are engineered to run on 100% biodiesel (subject to conditions).



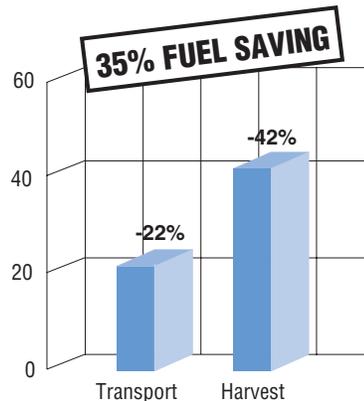
## IMS - INTELLIGENT MANAGEMENT SYSTEM

The IMS system was awarded a silver medal at SITEVI 2009 — an international exhibition for vine-wine, fruit-vegetable and olive growing sectors. The system is able to control the engine load, providing the optimum rpm, always looking for fuel savings. It also maintains all machine parameters at a constant level, by means of IntelliView™ III touchscreen: shaking speed, conveyor speed and fan speed.



## OUTSTANDING FUEL ECONOMY

The common rail electronic engines and IMS Intelligent Management System offer outstanding fuel economy with an average of 35% fuel savings.



## HYDROSTATIC TRANSMISSION

A hydrostatic transmission delivers enhanced traction and improved performance in demanding terrain. The anti-skid control system automatically manages drive to the wheels for optimum performance on slopes and in wet soil conditions.

## AUTOMATIC HEIGHT AND LEVELING SYSTEM

The system automatically controls the height and the leveling of the harvester. Once the operator sets the desired picking head height, it is maintained automatically. Sensors prevent the picking head from making contact with the ground in difficult terrain.





### TIGHT TURN RADIUS

With a 90° turn angle, BRAUD 9090X Olive harvesters have the tightest turn radius on the market. The standard Soft Shift system automatically monitors wheel speed and manages oil flow to the traction motors. Power is always diverted to the wheel with the best grip, boosting traction and safety in difficult conditions.

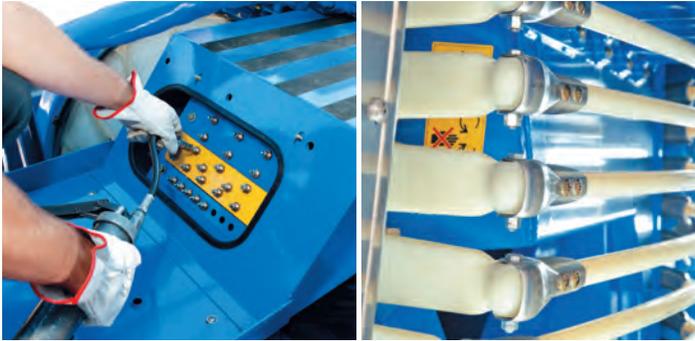


### PRECISE CRUISE CONTROL

Working in conjunction with the ground speed radar, the electronically controlled hydrostatic pump and IMS system enable the operator to set and maintain a constant harvest speed. The system also accommodates changes in terrain.



## 360° BRAUD 9090X



### EASY MAINTENANCE

To facilitate and reduce maintenance, all Olive harvesting head grease points are grouped in one area. The rear flexible shaker rods ensure high picking performance, independent shaking action, and are maintenance free. Moreover, for better performance and reliability, the shaking transmission is oil immersed. An automatic greasing system is also available (optional).

### SIMPLE PICKING HEAD IMPLEMENTS

One person can remove the picking head, without special tools, in 10 minutes. All hydraulic and electrical connections are grouped together for easy access.



### FAN REPOSITIONING FOR TRANSPORT

Due to the design, the 9090X Olive harvester remains compact and easy to transport on a truck. Maximum width is less than 9.8 feet (3 m) with 18.9-inch (480 mm) tires, and minimum height is 13 feet (4 m) with the top fan folding system.



### LARGE OPENING HOOD

Maintenance: for easy access and maintenance, the large engine hood opens wide for servicing.

# SPECIFICATIONS

## BRAUD 9090X OLIVE

## OLIVE 2 HOPPERS

## OLIVE SIDE CONVEYOR

	Super Intensive olive orchard	
<b>Orchard type</b>	●	
Multifunctional olive harvester with Quick uncoupling	●	●
<b>Engine</b>		
Type	FPT Industrial	FPT Industrial
Power ECE R120/ISO 14396	hp [kW(CV)] 175 (129)	175 (129)
Cylinders / Aspiration	6 / Turbo with intercooler	6 / Turbo with intercooler
Compliance with emission level	Tier 3 / Stage 3A	Tier 3 / Stage 3A
<b>Tractor base unit</b>		
Fuel tank capacity	gal. (L) 66 (250)	66 (250)
Hydrostatic transmission with anti-skid system	●	●
Maximum steering angle	(degrees) 90	90
Soft Shift	●	●
Front wheel torque limiter	●	●
Maximum slope	(%) 35	35
Maximum lateral slope	(%) 25	25
IMS - Intelligent management system	●	●
CDHA - Automatic height and lateral slope correction	●	●
Cruise control	●	●
Front tool carrier	○	○
<b>Harvesting head</b>		
Number of SDC shakers (std.)	42	42
Flexible rear shaker fixation	●	●
Quick coupling of the picking head	●	●
Hydraulic horizontal shaking rods spacing / quick shaker engagement	● / -	● / -
Sealed length of collection baskets	in. (mm) 98 (2500)	98 (2500)
Number of collection baskets	2 x 71	2 x 71
Minimum harvesting height	in. (mm) 6 (150)	6 (150)
Upper cleaning fans	1	1
Lower cleaning fans	-	-
Stainless steel hoppers	gal. (L) 1057 (4000)	528 (2000) + Side Conveyor
Olive Equipment with front tunnel	●	●
Additional Shaking	○	○
<b>Cab</b>		
Adjustable armrest & Multifunctional joystic	●	●
IntelliView™ III Touch screen Monitor + Color monitor for cameras	●	●
Cameras (color)	2 STD /+1 OPT	2 STD /+1 OPT
Narrow steering column and adjustable seat	●	●
Mirrors with electrical adjustment	●	●
Right mirrors retractable	●	●
Parking brake	●	●
<b>Dimensions</b>		
<b>A</b> - Max. height with cab, harvesting head on the ground	ft. in. (m) 14' 3" (4.35)	14' 3" (4.35)
<b>B</b> - Length max	ft. in. (m) 19' 7" (5.98)	22' 1" (6.73)
<b>C</b> - Maximum width of base unit	ft. in. (m) 10' 3" (3.13)	10' 3" (3.13)
<b>D</b> - Maximum width with harvesting head fitted	ft. in. (m) 10' 3" (3.13)	10' 3" (3.13)
<b>E</b> - Ground clearance	ft. in. (m) 7' 10" to 9' 2" (2.40 to 2.80)	7' 10" to 9' 2" (2.40 to 2.80)
Maximum hopper tipping height	ft. in. (m) 10' 6" (3.20)	10' 6" (3.20)
Side conveyor width	ft. in. (mm) -	1' 6" (450)
Side conveyor lenght	ft. in. (m) -	17' 1" (5.20)
Maximum side conveyor unloading height, harvesting head on the ground	ft. in. (m) -	13' 9" (4.20)

● Standard ○ Optional - Not available





# VALUE, SERVICE AND SOLUTIONS

New Holland offers SMART solutions for your harvesting needs. You get peace of mind knowing New Holland harvesters gently handle your prized grapes and olives, while also boosting your productivity for a better return on your investment.

**Support at every step.** When you place your confidence in New Holland agricultural equipment, you get the finest in local support. Your New Holland dealer understands the many challenges you face and stands behind you at every step with the equipment, parts, service and financial solutions to make your job easier. Look to New Holland for a complete selection of equipment, including a full line of tractors, hay & forage equipment, harvesting, crop production and material handling equipment.

**Quality parts and service.** Turn to your New Holland dealer after the sale for expert, factory-trained service and genuine New Holland-branded parts. Your dealer has the very latest service updates and training to ensure your equipment keeps working productively season after season.

**Financing solutions.** Your New Holland dealer can tell you about smart ways to turn your financial challenges into opportunities with a portfolio of innovative financial services available through CNH Industrial Capital, including customized financing, insurance and the purchasing convenience of a Commercial Revolving Account.

For reliable equipment, parts and service — or just honest advice on equipment and finance — turn to New Holland and your trusted New Holland dealer.



We are proud to support the FFA.

Learn more at [www.newholland.com/na](http://www.newholland.com/na)

Design, materials and/or specifications are subject to change without notice and without liability therefor. Specifications are applicable to units sold in Canada, the United States, its territories and possessions, and may vary outside these areas.

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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.