

NEW HOLLAND VN2080



25 YEARS OF MULTI-FUNCTIONALITY

New Holland BRAUD: the largest range of multi-functional grape harvesters.

More than 800 New Holland machines are equipped with **New Holland SOCMA destemmers.**

New Holland BRAUD, the undisputed leader in self-propelled grape harvesters: **more than 50%** market share since the start of mechanisation.

New Holland is the only manufacturer that was in the market at the start of mechanisation in 1974 and is still there today, giving it **more than 30 years'** experience.

More than 12.000 New Holland BRAUD grape harvesters sold throughout the world since 1974.



In 1984, BRAUD invented the principle of multi-functional grape harvesters used for tasks other than harvesting. Today, NEW HOLLAND BRAUD grape harvesters perform all mechanised tasks in vineyards, thereby optimising production costs.



ALWAYS IN THE MIDDLE OF THE ROW

MODEL VN2080 HAS A VARIABLE TRACK FRAME

The VN2080 can straddle two rows and the wheels are always in the middle of the row. It adjusts to widths between 0.95 m and 1.50 m. The track width adjustment is controlled from the driver's seat using electro-hydraulic controls. A scale on each side shows the width measurement. Two height clearances are available: 1.40 m and 1.60 m.



ENGINE

The VN2080 is equipped with a New Holland NEF 6-cylinder turbocharged 6.75 L engine rated at 175 hp.

TRANSMISSION

The hydrostatic transmission with integral antiskid control provides optimal traction and grip on all terrains. The system eliminates the risk of wheelslip and is used to climb steep gradients.



HANDLING

A 90-degree turning angle, with rear-wheel locking system, means that VN2080 can easily turn in the tightest spaces.



ALL-ROUND VISIBILITY

The VN2080 is equipped with a soundproofed, air-conditioned, heated and pressurised suspended cab as standard. It offers all-round visibility. It has powerful working headlights for night use. The pneumatic seat comes as standard on the VN2080.



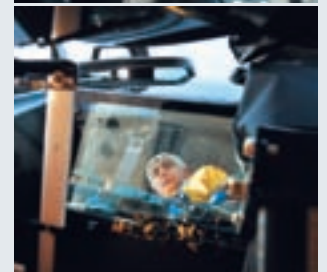
CENTRALISED CONTROLS

The multi-function control lever on the driver's right-hand side controls harvester movement and all the following functions: harvesting head raise and lower, shaker start and stop and hopper emptying. These can also be used in multi-function mode. The on-board computer next to the forward movement lever handles all the starting, adjustment and control functions.



LOW-LEVEL VISIBILITY

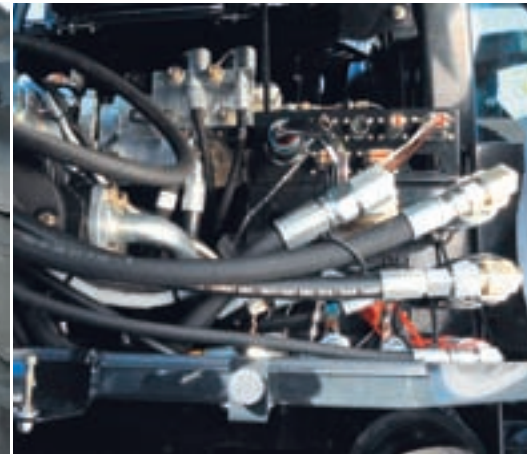
The new cab has much better low-level visibility, providing an excellent view when working the soil.



NEW HOLLAND BRAUD. ALL MECHANISED TASKS IN THE VINEYARD



Close collaboration between New Holland's technical team and customers has led to the design and development of a new generation of extremely efficient multi-purpose self-propelled machines capable of working with all the tools needed for wine-growing. Installation and removal of the various accessories is quick and simple. No special tools are required and the task can easily be performed by just one person.



ALL-YEAR-ROUND USE

The VN2080's new harvesting head can be removed by just one person in less than an hour, without special tools. The new VN2080 tractor base takes all equipment used for wine-growing: from working the soil or trimming to using the spraying system designed jointly with BERTHOUD.

NEW HYDROSTATIC TRANSMISSION: BETTER PERFORMANCE

The new hydrostatic transmission gives forward speeds in multi-purpose mode of up to 14 km/h. A new braking system on all four wheels gives better performance and tractor handling for optimal safety among the vines or on the road. The new VN2080 harvesting configuration with a single hopper on the left side and the harvesting head on the right provides greater machine stability on hills and slopes.

TIME SAVING

All hydraulic and electrical connections are grouped together and accessible on the right-hand side of the machine. A decompression system for the entire hydraulic circuit provides effortless coupling of hydraulic connectors.

NEW HARVESTING HEAD: THE WORLD REFERENCE

The VN2080's new harvesting head can be removed by just one person in less than an hour, without special tools.



SHAKING SYSTEM

The VN2080 harvesting head, in true New Holland tradition, is a pivoting, self-aligning head. The vine stocks guide the harvesting equipment without pressure, taking the best possible care of the plant. The harvester is equipped with a shaking system specially designed for narrow vines, the flexibility of which ensures total respect for the harvest, the plant and the trellis.

COLLECTION AND TRANSPORTATION SYSTEM

Once picked, the grape is conveyed by a noria into the cleaning system. The noria is made up of two conveyor belts, each with 54 soft food-grade polyurethane baskets. The noria travels at the same speed as the harvester, but in the opposite direction. This means that the baskets remain stationary in relation to the vine stocks, to prevent chafing and losses. All parts in contact with the grape are made from food-grade materials. Hoses and connectors, and the hydraulic motors, are all protected by sheaths and guards.



CLEANING SYSTEM

The VN2080 has a sorting conveyor that separates individual grapes from whole bunches and means that the harvested fruit entering the hopper or destemmer is clean. This system won a silver medal at the 2007 SITEVI Innovation Awards.



CLEANING FANS

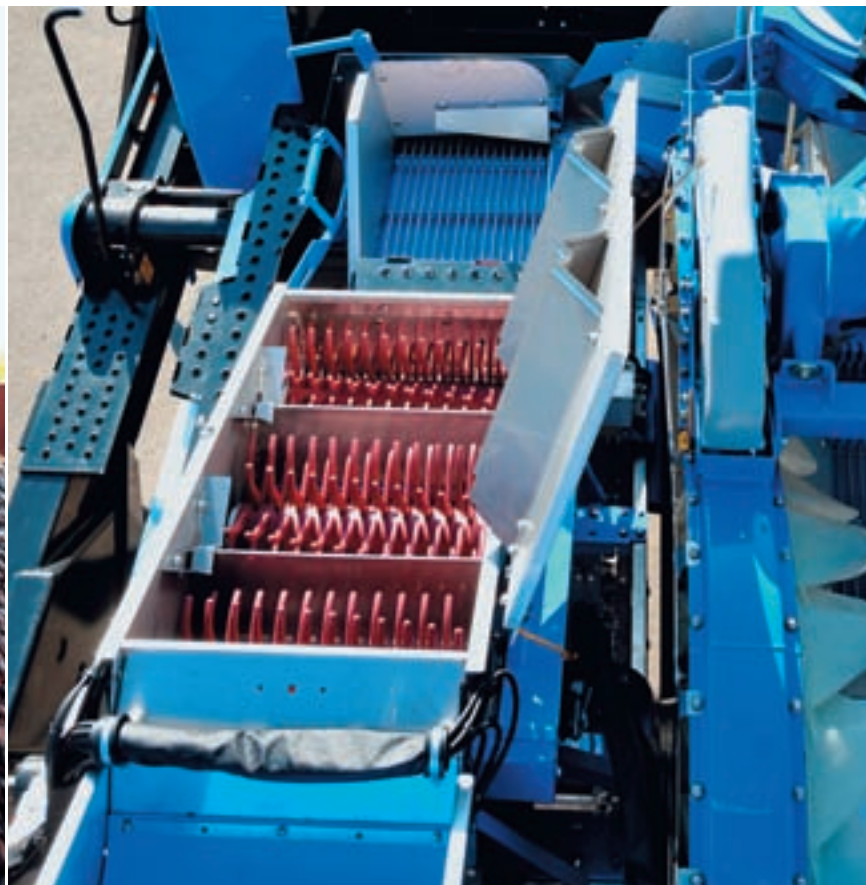
Two upper cleaning fans at the front and back of the sorting conveyor separate the leaves from the grapes as they fall into the transverse conveyor.

STORAGE CAPACITY

The leveling auger in the hopper is driven by a hydraulic motor fixed to the outside of the harvester, avoiding all risk of contamination of the harvest.

DESTEMMER

The VN2080 is the only variable track width grape harvester for NARROW VINES with a new harvesting head that can be fitted with the New Holland destemmer (patent SOCMA) specially designed for this machine.



SPECIFICATIONS

VN2080

VN2080

Engine		Shaking	
New Tier III 6 cyl. New Holland engine*	(L) 6.75	Hydraulic drive	●
Power	(kW/hp) 129/175	Shakers	12
Approved Biodiesel mixture	B100**	Special shaking for narrow vines	●
Tank	(L) 240	Adjustable distance between the shakers	adjustable
Whole machine emergency stop button	●	Adjustable shaking frequency	(rpm) 350 to 600
Transmission		Collection	
Heavy-duty hydrostatic transmission with antiskid	●	Polyurethane baskets	2x54
New progressive braking system on all 4 wheels	●	Noria drive	Hydraulic
Rear submerged brakes	disk	Noria speed proportional to forward movement (in working configuration)	●
Drive wheels	4	Forced noria rotation (for washing)	●
Integral antiskid control (front, rear and right/left)	●	Sealed collection length on ground	(cm) 170
Hydrostatic steering - turning angle	(°) 90 (+0, -3)	Transport	
Front hydraulic compensator	●	Longitudinal conveyor/transverse conveyor	1/1
Driver's seat		Hydraulic drive	●
New cab with all-round visibility (low window designed for good visibility of tools when working the soil)	●	Adjustable speed	●
Central position	●	Rotation reverser	●
Height- and depth-adjustable steering column	●	Cleaning	
Adjustable pneumatic seat	●	New sorting conveyor system	●
Air conditioning and Heating	●	High extractors/extractors with integrated stalk chopper	2/1
Suspended cab	on silent block	Hydraulic drive	●
Vision system - Screen/Camera	1/2	Destemmer/separator (patent SOCMA) and sorting conveyor	○
On-board computer		Storage	
Engine/shaker/conveyor/extractor/forward speeds	●	Stainless hopper	(L) 1x1400
Hectare counter with memory	●	Rear unloading	●
Inclinometer, slope indicator	(%) (38, 40, 43)	Stainless distribution chain	●
Engine controls	●	Hydraulic motor chain drive	●
Hydraulic controls	●	Adjustable chain drive	●
Multi-function handle	18 buttons	Protection	
Standard built-in programmes (adjustment and control) for grape harvester, sprayer, pre-cutting, trimming, etc.	6	Materials in stainless steel or food-grade plastic	●
Multi-functionality		Hydraulic motors and hoses protected by guards and sheaths	●
Harvesting head removable in one hour	●	No hoses in harvesting tunnel	●
Distributors (free output)	3 DE + 4 SE	Integral protection against hydrocarbons	●
Hydraulic circuit decompression system	●	Miscellaneous	
Grouped, easily accessible hydraulic and electrical connections	●	Orange flashing beacon	1+1
New control panel with integrated multi-function programmes	●	Circuit breaker	●
Harvesting head		Working headlights	5
Pivoting, self-aligning	●	*Developed by FPT - Fiat Powertrain Technologies	
Vine stock guide width	(cm) 15	**Conditions Apply	
Minimum harvesting height	(cm) 15	● Standard	
Height under harvesting tunnel - min	(m) 1.50	○ Optional	
Shaking height	(m) 0.60		



YOUR SUCCESS - OUR SPECIALTY

NEW HOLLAND TOP SERVICE 00800 64 111 111

24/7 Support and Information

The call is free from a land line. Check in advance with your Mobile Operator if you will be charged. Alternatively call 01 2421881.

Visit our web site: www.newholland.com

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AT YOUR OWN DEALER

