

# LOCAL & GLOBAL SALES- & SERVICE NETWORK

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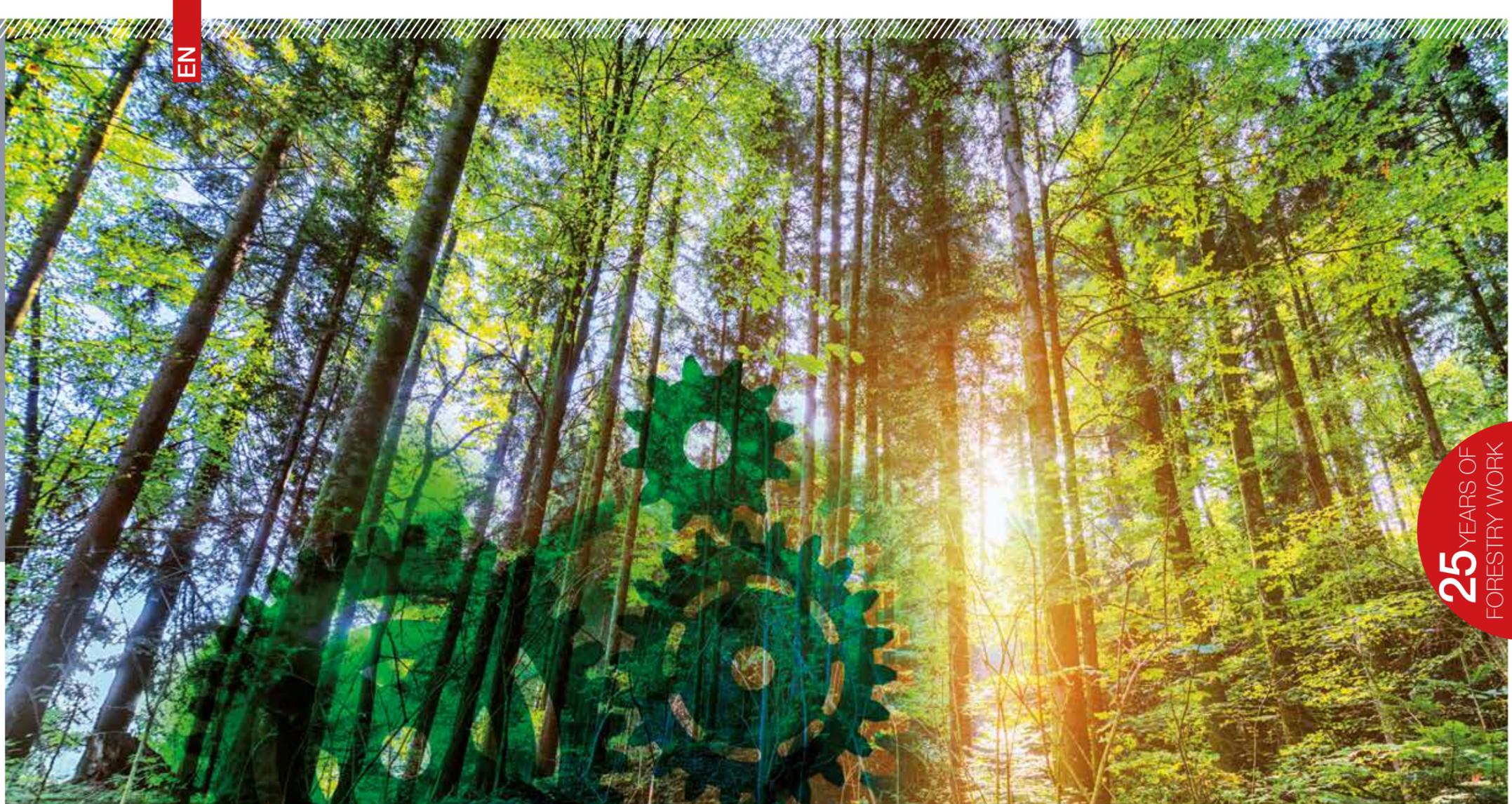
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25 YEARS OF  
FORESTRY WORK



## Philosophy - Vision - Mission

Anyone who has set the goal of harvesting wood even in extremely rugged parts of a forest and of protecting the soil in the process must learn to listen to nature. Based on this motto Neuson Forest tracked harvesters have developed into a superior premium brand that is **made in Austria** and developed for the whole world.

Because our success story at Neuson Forest is very closely associated with woods and forest, we have learned to regard nature not as an obstacle but as a living inspiration. **Today we are number 1 with our tracked harvesters.**



## Sustainability

All Neuson Forest products have brand quality; they are cleverly designed, sturdily built and intended for long-term use. They are in accordance with the principles of the Neuson philosophy. Quality in all achievements // **Cost effectiveness** // **Capacity** // **High-quality hydraulic systems** // **Skilled maintenance** // **Innovation** // **Constant evolution** and **comprehensive safety guarantee** the manufacture and delivery of "premium machines" for use in forest technology.

## Neuson tracked harvesters

Neuson Forest tracked harvesters are machines that were developed specifically for the forest and can be used for multiple processes ranging from **thinning to final felling**. Our harvesters are also the best solution for poorly accessible steep and swampy landscape.

## Machines with a levelling system

All of our machines have the option of being equipped with the tried and tested upper carriage levelling system. A slope compensator that can be **tilted 25° forward and +/- 15° laterally** facilitates efficient work in steep, rugged terrain.

## 25 years of forestry work

The Neuson Forest name guarantees **technical expertise**, mastery of complex hydraulic processes under the most difficult conditions and perfect service. With **more than 25 years of experience** we have made our machines into one of the highest performing and most cost-effective solutions for fully mechanised wood harvesting.



1995

Establishment of MHT-MechHydTronic GmbH and the beginning of the production of harvesters (tracked forestry machinery)

2000

Takeover of MHT-MechHydTronic GmbH by Neuson Baumaschinen GmbH. Further development of the product range - 8002HV, 9002HV and 11002HV harvesters for the 1<sup>st</sup> and 2<sup>nd</sup> thinning

2001

Introduction of 18002HVT harvesters to the market. All-round harvesters for tasks ranging from thinning to final felling

2003

Introduction of 242HV and 242HVT harvesters for final felling (from 24t on) to the market

2006

Development and introduction of 132HVT (13.5t) to the market

2007

Change of name to Neuson Ecotec GmbH. Introduction of 182HVT to the market (Further development: 18002HVT)

2014

Development of the 103HV/T (Predecessors: 9002HV and 11002HVT)

2015

Introduction of 103HVT to the market and further development of the existing product range: 133HVT, 183HVT and 243HVT

2016

Change of name to Neuson Forest GmbH

### Thinning

Thinning creates open space in the forest for healthy growth. Due to their **compact design**, the **endless rotatability of the upper carriage (360°)** and the **tight tail swing**, Neuson Forest harvesters can work in tight spots and also remove trees behind the machine without difficulty and without leaving a skid trail or turning. These machines are **extremely manoeuvrable** due to their small width (starting from 2.15m).

### Energy wood harvesting

Due to the simple compact design of the machines **all kinds of wood can be processed**. Neuson machines can make use of their advantages particularly in forests with a great deal of undergrowth (e.g. in spruce forests with hornbeam). Due to their manoeuvrability undergrowth can also be cut, even if these trees are often bent and small.

### Wet areas

**Swampy terrain, wet areas and soft soils:** Ideal territory for Neuson harvesters </li></li>Minimal ground pressure due to the maximum footprint. Because of their large footprint, the resulting low ground contact pressure of the machines and their symmetrical weight distribution, Neuson Forest tracked harvesters are ideally suited to all the challenges of wet areas.

### Step slope processing

Nothing is too steep for them. The originals will always find their way. Opinions differ with respect to steep slopes. Neuson Forest is your specialist for the most difficult part of the route. Our machines perform efficiently and reliably, particularly when it becomes too steep for others. With a **slope compensator of +25° at the front and +/- 15° on each side**, the entire upper carriage can be levelled at its full lifting and pivoting power. Due to the optional dozer blade stability is improved on steep terrain. Therefore, trees can be removed without difficulty even if the crane ranges are large.

### Treatment of storm-damaged wood

The compact design, the **great stability** and the **powerful parallel crane** distinguish this machine when it comes to reclaiming damaged wood. When you are harvesting uprooted trees for the most part it's only possible to retrieve tree trunks that are located all over the place in a cost-effective manner by using a harvester chain. Utilisation of the machine in the 360° swivel range is an essential advantage.

### Final felling

360° rotatable upper carriage. Perfect view. Powerful parallel crane. The compact design, the great stability and the powerful parallel crane distinguish this machine when it comes to clear cutting. The infinitely rotatable upper carriage and the **perfect view of the harvester head** are also **tremendous advantages for economical use of the machine**.

Parallel crane for faster work

Tested safety cabin

Tight tail swing

Reinforced forest chassis

Low ground pressure

Best stability

Low consumption

Separate hydraulic pump for head, crane and chassis

Standard slope compensator

Endless rotatability of the upper carriage





## 103 HV Tracked harvester

The compact, manoeuvrable tracked harvester for the 1st and 2nd thinning.

Neuson Forest 103HV is the professional solution for first and second thinning - High-performance and reliable. With a thinning capability of up to 16 solid cubic metres/h, a true professional in first and second thinning. The specifically designed harvester crane with a telescopic extension boom gives the 103HV an optimal range. Stability due to its low centre of gravity, good ground clearance and the fact that it's a manoeuvrable, economical harvester for careful thinning are some of its excellent characteristics. Due to its small dimensions, very good manoeuvrability and mobility are guaranteed in tight spots in wooded areas.

### AREAS OF APPLICATION

- ENERGY WOOD HARVESTING
- THINNING
- WET AREAS (SWAMP PROCESSING)



## 103 HVT Tracked harvester

Neuson Forest 103HVT (Tilt), the professional solution for first and second thinning that is high-performance and reliable.

This 103HVT machine, which is designed for steep terrain, has a slope compensator that can be tilted 25° forward and 15° laterally for levelling. By levelling the entire upper carriage the total lifting and pivoting power of the crane can be put to optimal use. Therefore in combination with the powerful travel drive the 103HVT is a true specialist for steep areas- a real "climber".

Thus the tilting version of the 103HVT also obtained a new drive with 60% more tractive force compared to its predecessor, the 11002HVT (145kN instead of 91.5kN). The drive's width grew to 2.55m and thus guarantees greater stability.

### AREAS OF APPLICATION

- ENERGY WOOD HARVESTING
- THINNING
- STEEP SLOPE PROCESSING
- WET AREAS (SWAMP PROCESSING)





## 133 HVT

Tracked harvester

The compact tracked harvester for tasks ranging from energy wood harvesting all the way to the 2nd thinning.

Due to its extremely high climbing ability and compact design (2.55m in width) the 133HVT can be used optimally for thinning even in steep terrain. Due to the powerfully dimensioned drive and the twin-track rollers a tractive force is achieved that is greater than the machine's own weight.

The tractive force of the machine is equally great in both directions (forwards and backwards). The enormously high tractive force of the harvester facilitates its optimal use on slopes and guarantees progressive movement even in rugged terrain.

### AREAS OF APPLICATION

- ENERGY WOOD HARVESTING
- THINNING
- FINAL FELLING
- STEEP SLOPE PROCESSING
- WET AREAS (SWAMP PROCESSING)



## 183 HVT

Tracked harvester

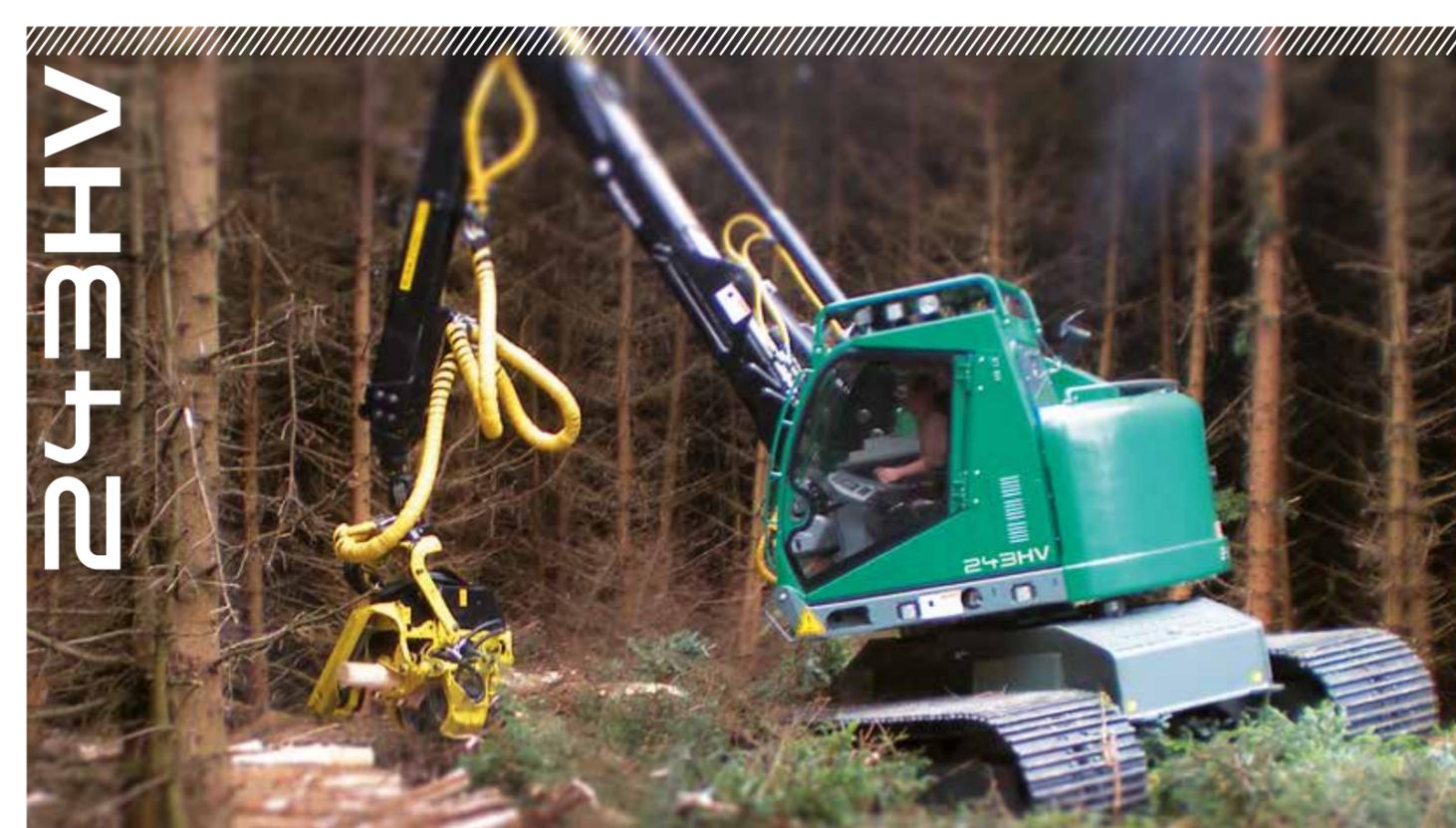
The all-round harvester for tasks ranging from thinning all the way to harvesting large logs.

Because of the compact design at 20.5 tonnes this all-round harvester can be used for both thinning and final felling. The width of 2.55m and the tight tail swing allow for professional work in densely wooded areas. The infinitely rotatable upper carriage facilitates the removal of trees in any direction without forfeiting the stability of the machine. The powerful parallel crane enables fast manoeuvring of the harvester head, which results in a higher daily output.

### AREAS OF APPLICATION

- ENERGY WOOD HARVESTING
- THINNING
- FINAL FELLING
- STEEP SLOPE PROCESSING
- WET AREAS (SWAMP PROCESSING)





## 243 HV

Tracked harvester

The sturdy tracked harvester specifically for final felling.

The compact design, the great stability and their powerful parallel crane distinguish the 243 HV. The drive width of 2.95m guarantees optimal stability and facilitates logging in all directions. Optimal weight distribution in conjunction with selected chain strands (up to 800 mm wide) protects the forest floor and produces low ground pressure and/or slight ground compaction due to the maximum footprint.

The separate hydraulic systems for the machine, crane and harvester head are optimally co-ordinated with the engine and permit fuel-efficient work at the highest level of performance. The powerful parallel crane that was developed specifically for this machine is designed for hard use and enables the driver to work quickly. With the optional long crane (crane length: 13.2m) the 243 HV is also used for thinning.

### AREAS OF APPLICATION

- THINNING
- FINAL FELLING
- TREATMENT OF STORM-DAMAGED WOOD
- WET AREAS (SWAMP PROCESSING)



## 243 HVT

Tracked harvester

The sturdy tracked harvester for harvesting large logs and processing damaged wood.

In contrast to the 243 HV, the 243 HVT (Tilt) is equipped with the tried and tested upper carriage levelling system and allows for efficient work in steep terrain. The enormously high tractive force of the harvester facilitates its optimal use on slopes and guarantees progressive movement even in rugged terrain.

The separate hydraulic systems for the machine, crane and harvester head are optimally co-ordinated with the engine and permit fuel-efficient work at the highest level of performance. The powerful parallel crane that was developed specifically for this machine is designed for hard use and enables the driver to work quickly. With the optional long crane (crane length: 13.2m) the 243 HVT is also used for thinning.

### AREAS OF APPLICATION

- TREATMENT OF STORM-DAMAGED WOOD
- ENERGY WOOD HARVESTING
- THINNING
- STEEP SLOPE PROCESSING
- WET AREAS (SWAMP PROCESSING)

