



Forestry technology
for the professional



NF160-4/6/-R

NF170-4/6/8R

NF210-4/6/8R

Forest machines (4/6/8-wheel)

The origins of our company can be traced back to the century before last. As a country blacksmith, we were the contact for farmers' repair work, for shoeing horses and for other daily work that had to be done in the countryside.

In the mid-60s, our namesake Otmar Noe began to build up contract manufacturing. Customers soon appreciated the high quality level and the delivery reliability from the Odenwald. We were able to establish a good name for ourselves, especially in the vehicle construction industry. The flexibility of our production was already then an argument that convinced our customers.

In the middle of the 90's the company was handed over to the next generation. A further business division was founded.

In 1997 we were allowed to hand over our first special forestry tractor NF129, developed and produced in our company, to its customer.



Before 1969:
Country forge in Steinbach



1997:
First delivery of a NF129 special forestry machine



2004:
New development of 6-wheel combination machine and establishment of a new 6-wheel type series

1974:
Move to the current location Mudau (Odw.)



until today:
Supplier parts for the commercial vehicle industry, especially turned and welded parts



1998:
Introduction of our new product line NF120 / NF160

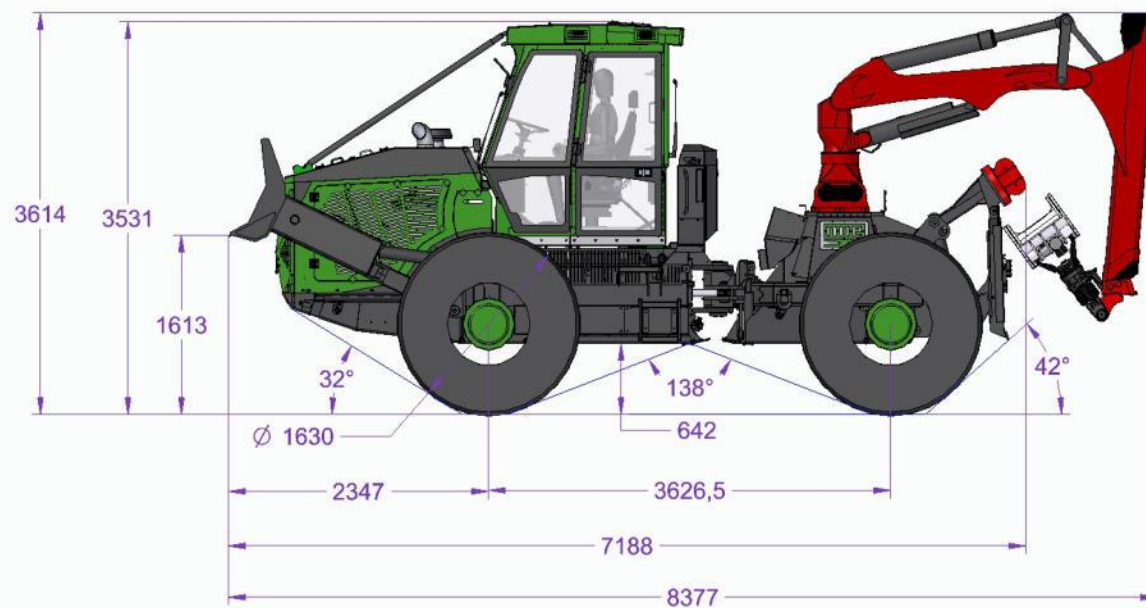
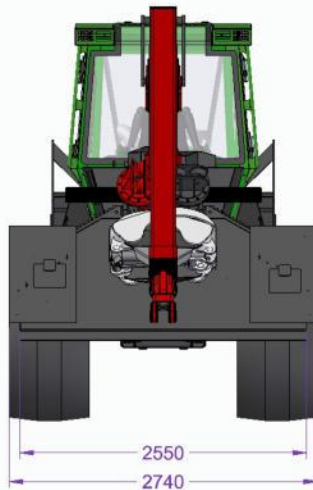
2002:
Development of a new forestry machine all-wheel steered the KL100



until today:
Development of new type series 4-/6-/8- wheel machines
4-wheel: NF160-NF170-NF210-4R
6-wheel: NF160-NF170-NF210-6R
8-wheel: NF160-NF170-NF210-8R



25 years of development united in one image



technical data *

Engine: 6-cylinder FPT-Turbodiesel direct injection Stage V
 · 134 kW (182 hp)
 max. Torque 940 Nm @ 1.500 U/min., Capacity: 6.7 l.

Drive: hydrostatic drive, 1. Gear 0 - 12 km/h 2. Gear 0 - 30 km/h

Axles: NAF Planetary live axle by NAF, Limited slip differential 100% switchable

Tires: 23.1-26

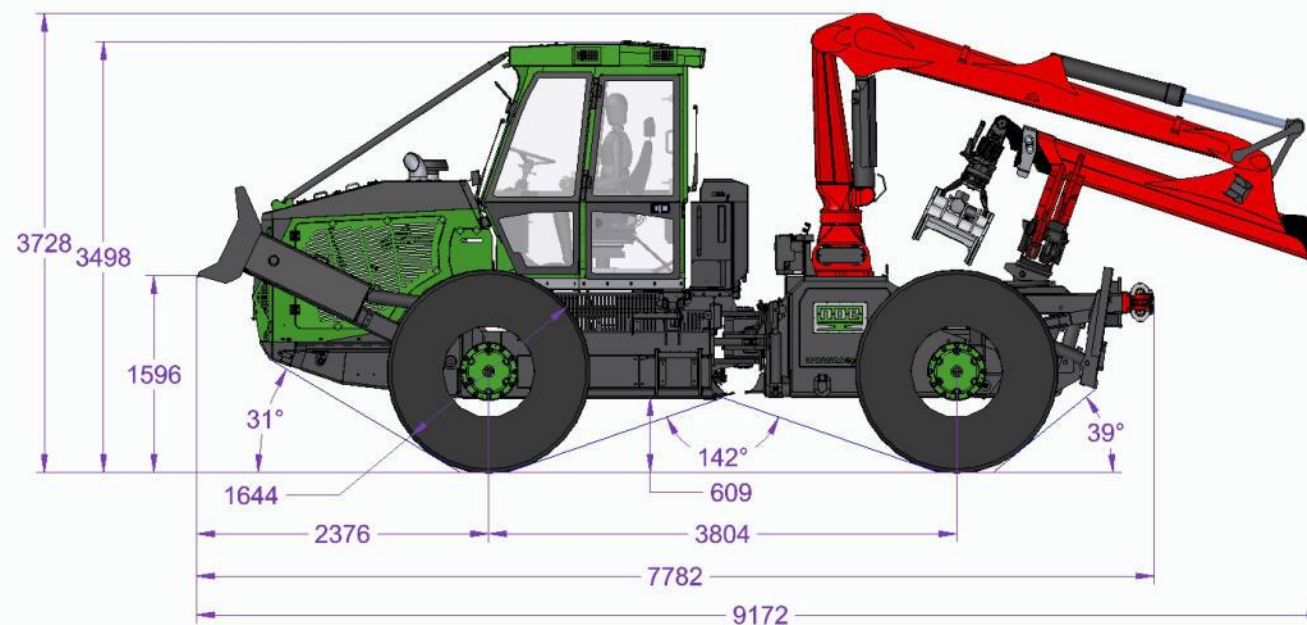
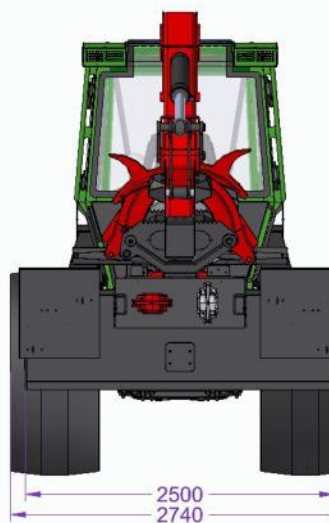
Cabin: ROPS/FOPS/OPS tested Security cabine, comfortable and driver friendly
 · interior fittings incl. air conditioning, comfort-swivel-seat and panorama rear window.
 · Control of driving and working functions via 10.4 "color display with touch function

Hydraulic: Load-Sensing-System with max. 209 ltr./min, operating pressure of 320 bar

Measure: Steering angle 45°
 Pendulum angle 20°

Crane: **Epsilon S110R72, Lifting torque 126 kNm**
 Operating range 7.2 m with Double telescope
 Slewing gear Epsilon, Net - Swing torque 33 kNm
 Grapple Epsilon FG43
 Control block Danfoss PVG32

Winch: **Ritter S66 D8 2 x 8 to. Double cable winch**
 Rope capacity 2 x 120 m, Ø12 mm high-strength - Rope not incl.
 Drive hydrostatically via adjusting engine
 Rope speed 0 - 1.0 m/sec.



technical data *

Engine: 6-cylinder FPT-Turbodiesel direct injection Stage V
 · 142 kW (193 hp)
 · max. Torque 940 Nm @ 1.500 U/min., Capacity: 6.7 l.

Drive: hydrostatic drive, 1. Gear 0 - 12 km/h 2. Gear 0 - 30 km/h

Axles: NAF Planetary live axle by NAF, Limited slip differential 100% switchable

Cabin: ROPS/FOPS/OPS tested Security cabine, comfortable and driver friendly
 · interior fittings incl. air conditioning, comfort-swivel-seat and panorama rear window.

Hydraulic: Load-Sensing-System with 319 ltr./min, operating pressure of 320 bar Druck

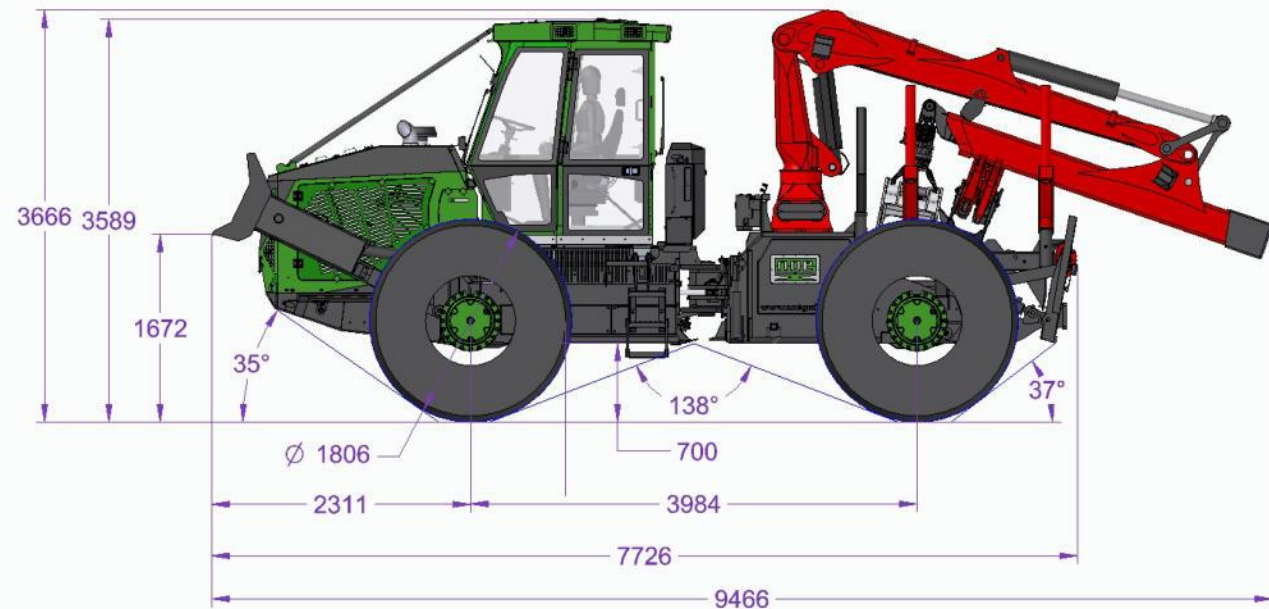
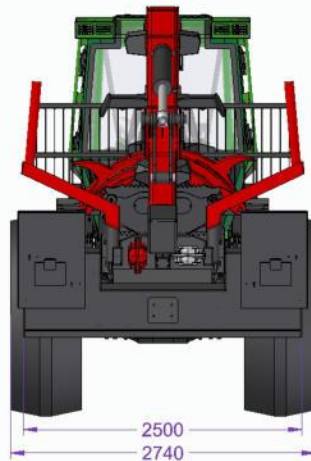
Tires: 28L-26

Measures: Steering angle 45°
 Pendulum angle 20°

Crane: **Epsilon S110F80, Lifting torque 143 kNm**
 Operating range 8.0 m with Double telescope
 Slewing gear Epsilon, Net - Swing torque 36 kNm
 Grapple Epsilon FG43
 Control block Danfoss PVG32

Winch: **Ritter S66 D8 2 x 8 to. Double cable winch**
 Rope capacity 2 x 120 m, Ø12 mm high-strength - Rope not incl.
 Drive hydrostatically via adjusting engine
 Rope speed 0 - 1.0 m/sec.

Clampbank: NOE 1.9 - 1.00 m²



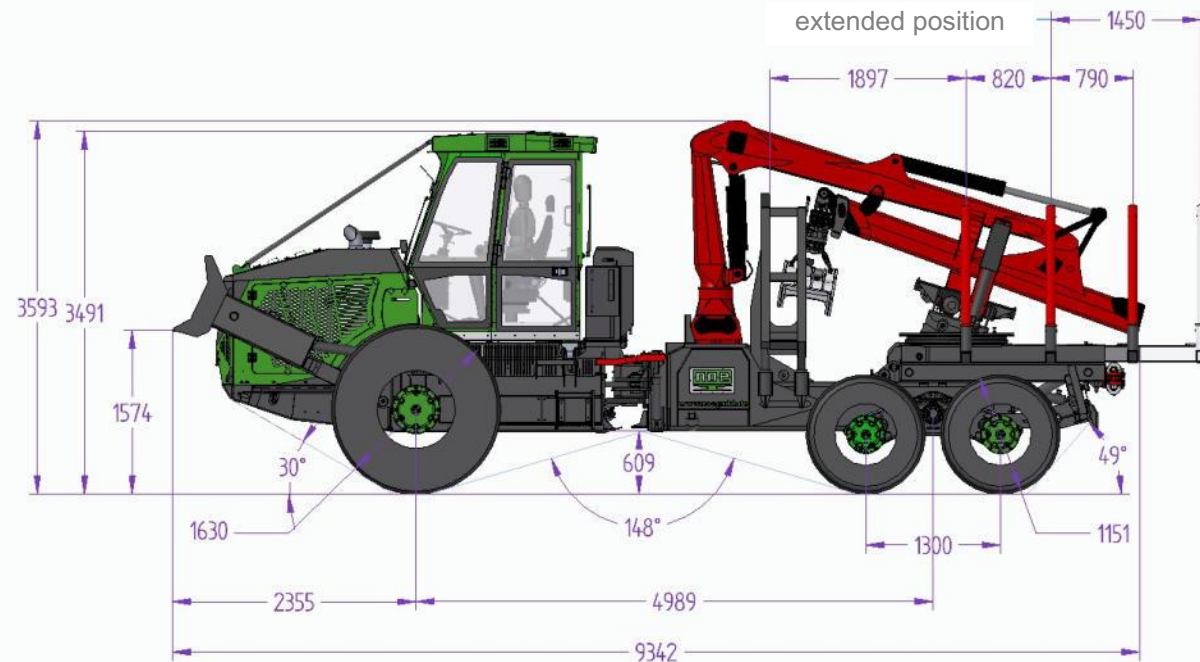
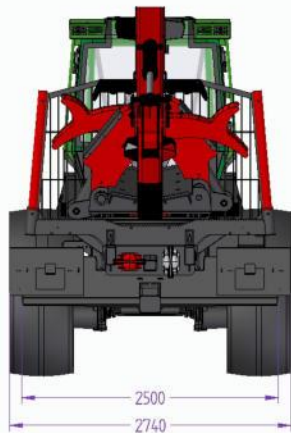
technical data *

Engine: 6-cylinder FPT-Turbodiesel direct injection Stage V
 · 160 kW (218 hp)
 · max. Torque 1060 Nm @ 1.500 U/min., Capacity: 6.7 l.
Drive: hydrostatic drive, 1. Gear 0 - 13 km/h 2. Gear 0 - 30 km/h
Axles: NAF Planetary live axle by NAF, Limited slip differential 100% switchable
Cabin: ROPS/FOPS/OPS tested Security cabine, comfortable and driver friendly
 · interior fittings incl. air conditioning, comfort-swivel-seat and panorama rear window.
Hydraulic: Load-Sensing-System with 319 ltr./min, operating pressure of 320 bar Druck
Tires: 24.5 - 32
Measures: Steering angle 45°
 Pendulum angle 20°

Crane: **Epsilon X140F80, Lifting torque 173 kNm**
 · Operating range 8.0 m with Double teleskope
 · Slewing gear Epsilon, Net - Swing torque 43 kNm
 · Grapple Epsilon FG43
 · Control block Danfoss PVG32

Winch: **Ritter S66 D8 2 x 8 to. Double cable winch**
 Rope capacity 2 x 120 m, Ø12 mm high-strength - Rope not incl.
 Drive hydrostatically via adjusting engine
 Rope speed 0 - 1.0 m/sec.

Clampbank: Noe 2.1 - 1.30 m²



technical data *

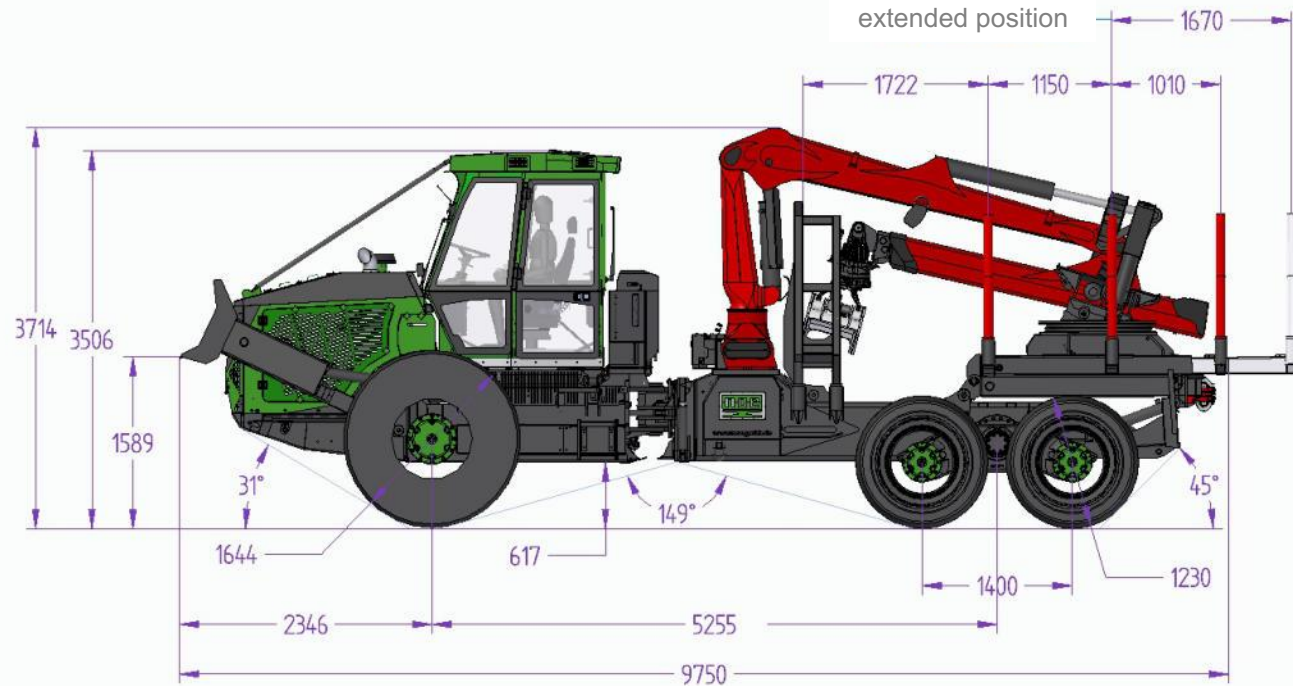
- Engine:** 6-cylinder FPT-Turbodiesel direct injection Stage V
 · 134 kW (182 hp)
 · max. Torque 940 Nm @ 1.500 U/min., Capacity: 6.7 l.
- Drive:** hydrostatic drive, 1. Gear 0 - 12 km/h 2. Gear 0 - 30 km/h
- Axles:** NAF Planetary live axle by NAF, Limited slip differential 100% switchable
 · NAF Planetary tandem axle by NAF, Limited slip differential 100% switchable
- Cabin:** ROPS/FOPS/OPS tested Security cabine, comfortable and driver friendly interior fittings incl. air conditioning, comfort-swivel-seat and panorama rear window. Control of driving and working functions via 10.4 "color display with touch function
- Hydraulic:** Load-Sensing-System with max. 319 ltr./min, operating pressure of 320 bar
- Tires :** 23.1-26 front, 600/50 – 22.5 rear
- Measures:** Steering angle 45°
 Pendulum angle 20°

- Crane:** **Epsilon S110F86, Lifting torque 143 kNm**
 · Operating range 8.6 m with Double teleskope
 · Slewing gear Epsilon, Net - Swing torque 36 kNm
 · Grapple Epsilon FG43
 Control block Danfoss PVG32

- Winch:** **Ritter S66 D8 2 x 8 to. Double cable winch**
 Rope capacity 2 x 120 m, Ø12 mm high-strength - Rope not incl.
 Drive hydrostatically via adjusting engine
 Rope speed 0 - 1.0 m/sec.

- Setup:** **Forwarder body**, loading capacity 8 to., max. load volume 18 m³ (conifer wood), Surface Security guard 3.0 m²
Clampbank NOE 2.3 - 1.75 m²
 Fast removal of forwarder body and clampbank

* technical data correspond to our standard model. Our option list allows the machine to be adapted to individual customer requirements. We will be happy to provide you with an offer.



Short version possible (~600mm)

Crane: **Epsilon X120F86, Lifting torque 159 kNm**

- Operating range 8.6 m with Double telescope
- Slewing gear Epsilon, Net - Swing torque 40 kNm
- Grapple Epsilon FG43
- Control block Danfoss PVG32

Winch: **Ritter S66 D8 2 x 8 to. Double cable winch**

Rope capacity 2 x 120 m, Ø12 mm high-strength - Rope not incl.

Drive hydrostatically via adjusting engine

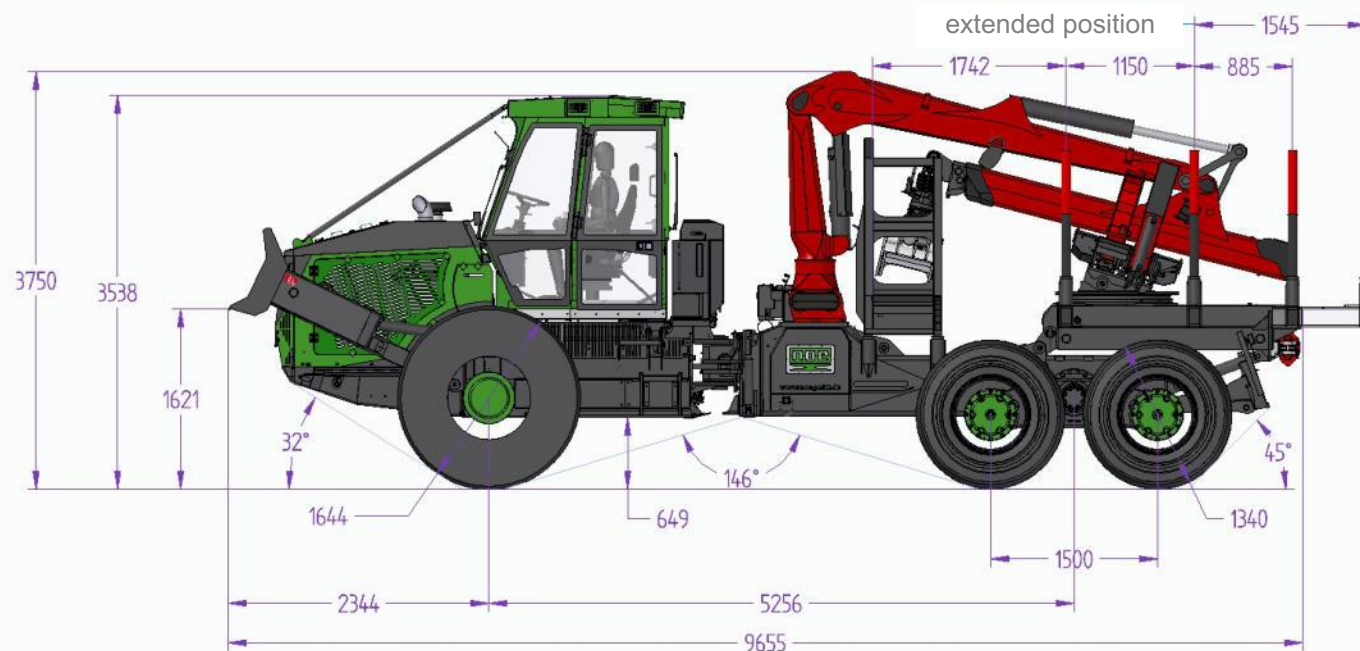
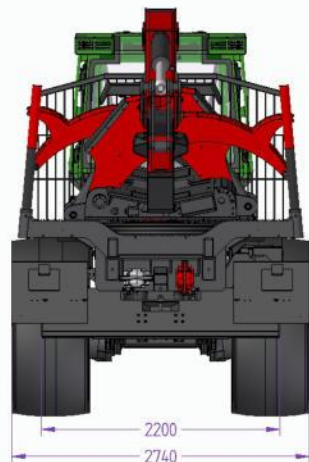
Rope speed 0 - 1.0 m/sec.

Setup: **Forwarder body**, loading capacity 10 to., max. load volume 18 m³
(conifer wood), Surface Security guard 3.0 m²

Clampbank NOE 2.5 - 1.75 m²

Fast removal of forwarder body and clampbank

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technical data *

Short version possible (~600mm)

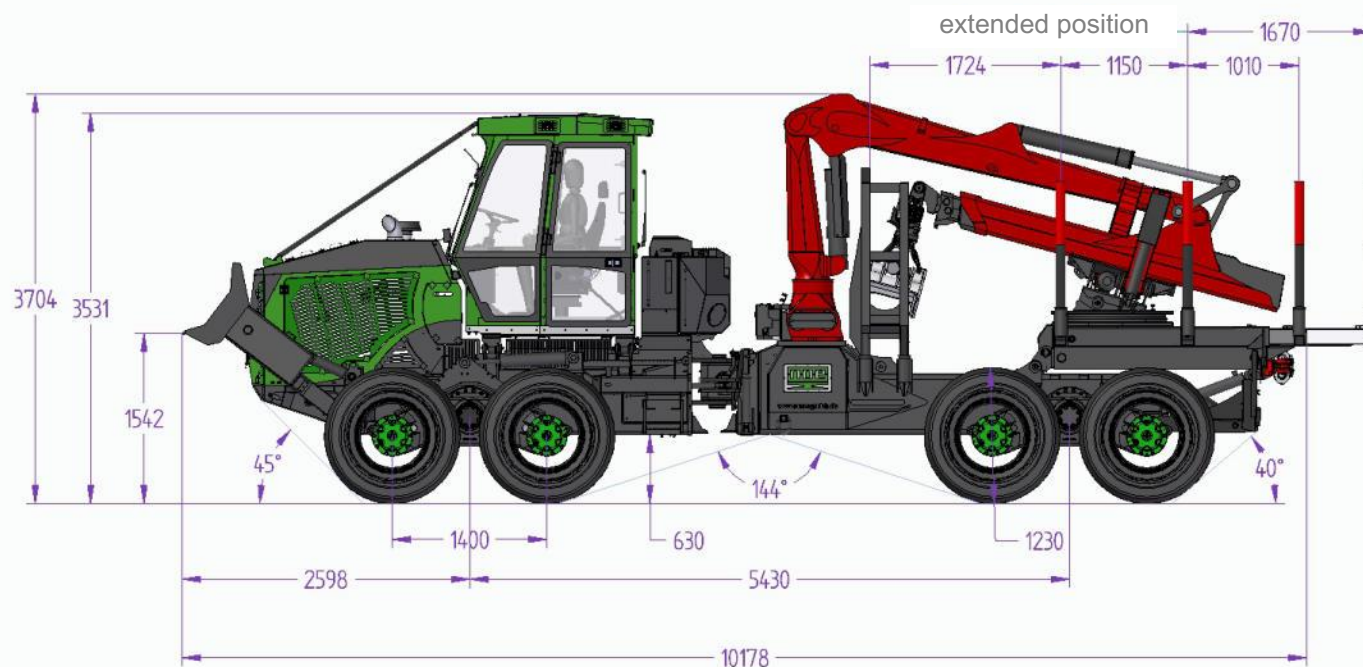
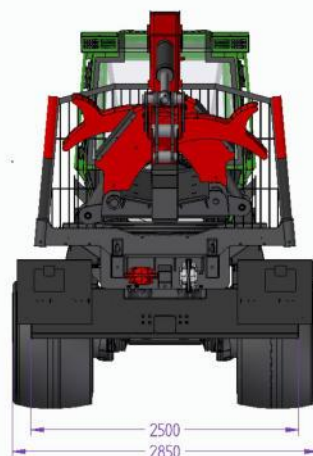
- Engine:** 6-cylinder FPT-Turbodiesel direct injection Stage V
160 kW (218 hp)
max. Torque 1060 Nm @ 1.500 U/min., Capacity: 6.7 l.
- Drive:** hydrostatic drive, 1. Gear 0 - 12 km/h 2. Gear 0 - 30 km/h
- Axles:** NAF Planetary live axle by NAF, Limited slip differential 100% switchable
NAF Planetary tandem axle by NAF, Limited slip differential 100% switchable
- Cabin:** ROPS/FOPS/OPS tested Security cabine, comfortable and driver friendly
interior fittings incl. air conditioning, comfort-swivel-seat and panorama rear window.
Control of driving and working functions via 10.4 "color display with touch function
- Hydraulic:** Load-Sensing-System with max. 319 ltr./min, operating pressure of 320 bar
- Tires:** 28L-26 front, 710/45 - 26.5 back
- Measures:** Steering angle 45°
Pendulum angle 20°

- Crane:** **Epsilon X140F102**, Lifting torque 173 kNm
Operating range 10.2 m with Double telescope
Slewing gear Epsilon, Net - Swing torque 36 kNm
Grapple Epsilon FG43
Control block Danfoss PVG32

- Winch:** **Ritter S66 D8 2 x 8 to. Double cable winch**
Rope capacity 2 x 120 m, Ø12 mm high-strength - Rope not incl.
Drive hydrostatically via adjusting engine
Rope speed 0 - 1.0 m/sec.

- Setup:** **Forwarder body**, loading capacity 14 to., max. load volume 21 m³
(conifer wood), Surface Security guard 3.5 m²
Clampbank NOE 3.1 - 2.3 m²
Fast removal of forwarder body and clampbank

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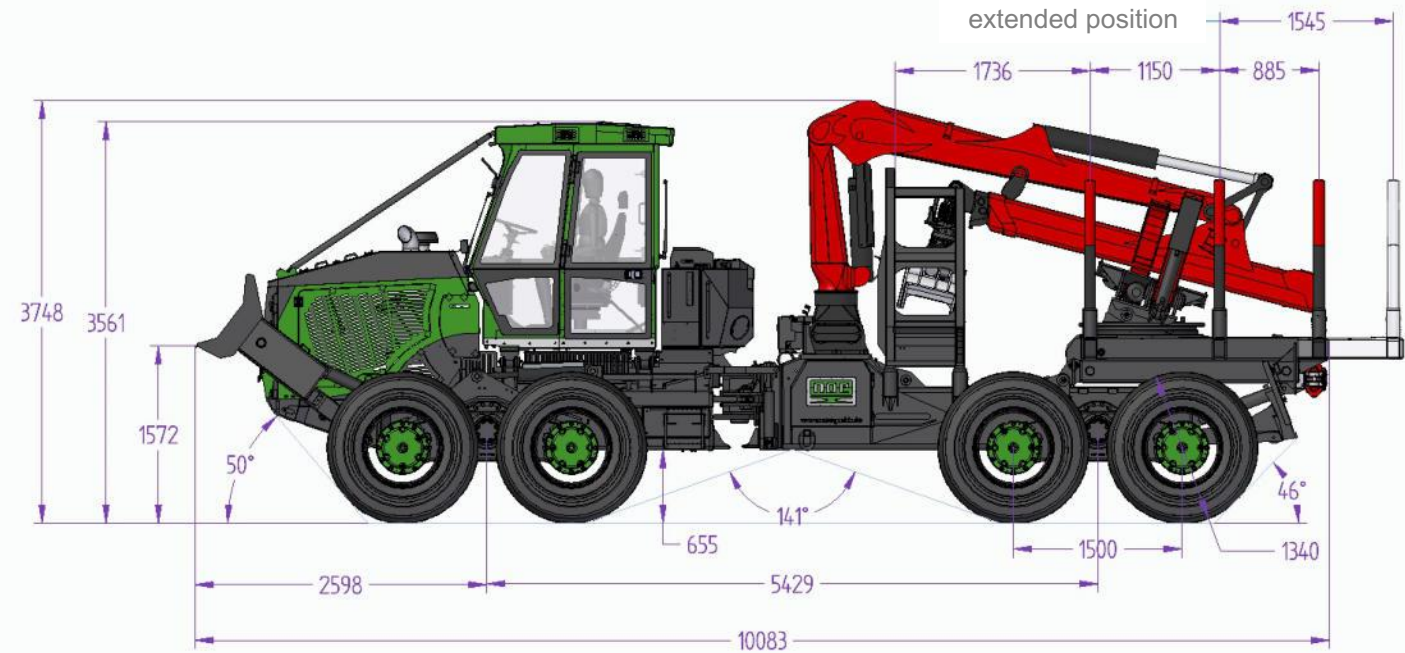
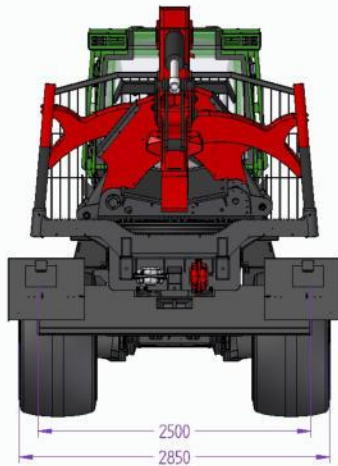
technical data *

Short version possible (~600mm)

- Engine:** 6-cylinder FPT-Turbodiesel direct injection Stage V
160 kW (218 hp)
max. Torque 1060 Nm @ 1.500 U/min., Capacity: 6.7 l.
- Drive:** hydrostatic drive, 1. Gear 0 - 12 km/h 2. Gear 0 - 30 km/h
- Axles:** NAF Planetary tandem axle by NAF, Limited slip differential 100% switchable
- Cabin:** ROPS/FOPS/OPS tested Security cabine, comfortable and driver friendly
interior fittings incl. air conditioning, comfort-swivel-seat and panorama rear window.
Control of driving and working functions via 10.4 "color display with touch function
- Hydraulic:** Load-Sensing-System with max. 319 ltr./min, operating pressure of 320 bar
- Tires:** 710/40 - 24.5 back/rear
- Measures:** Steering angle 45°
Pendulum angle 20°

- Crane:** **Epsilon X120F86**, Lifting torque 159 kNm
· Operating range 8.6 m with Double telescope
· Slewing gear Epsilon, Net - Swing torque 40 kNm
· Grapple Epsilon FG43
Control block Danfoss PVG32
- Winch:** **Ritter S66 D8 2 x 8 to. Double cable winch**
Rope capacity 2 x 120 m, Ø12 mm high-strength - Rope not incl.
Drive hydrostatically via adjusting engine
Rope speed 0 - 1.0 m/sec.
- Setup:** **Forwarder body**, loading capacity 10 to., max. load volume 18 m³
(conifer wood), Surface Security guard 3.0 m²
Clampbank NOE 2.5 - 1.75 m²
Fast removal of forwarder body and clampbank

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technical data *

Short version possible (~600mm)

- Engine:** 6-cylinder FPT-Turbodiesel direct injection Stage V
174 kW (236 hp)
max. Torque 1060 Nm @ 1.500 U/min., Capacity: 6.7 l.
- Drive:** hydrostatic drive, 1. Gear 0 - 12 km/h 2. Gear 0 - 30 km/h
- Axles:** NAF Planetary tandem axle by NAF, Limited slip differential 100% switchable
- Cabin:** ROPS/FOPS/OPS tested Security cabine, comfortable and driver friendly
interior fittings incl. air conditioning, comfort-swivel-seat and panorama rear window.
Control of driving and working functions via 10.4" color display with touch function
- Hydraulic:** Load-Sensing-System with max. 319 ltr./min, operating pressure of 320 bar
- Tires:** 710/45 - 26.5 back/front
- Measures:** Steering angle 45°
Pendulum angle 20°

- Crane:** **Epsilon X140F102**, Lifting torque 173 kNm
Operating range 10.2 m with Double telescope
Slewing gear Epsilon, Net - Swing torque 36 kNm
Grapple Epsilon FG43
Control block Danfoss PVG32
- Winch:** **Ritter S66 D8 2 x 8 to. Double cable winch**
Rope capacity 2 x 120 m, Ø12 mm high-strength - Rope not incl.
Drive hydrostatically via adjusting engine
Rope speed 0 - 1.0 m/sec.
- Setup:** **Forwarder body**, loading capacity 14 to., max. load volume 21 m³
(conifer wood), Surface Security guard 3.5 m²
Clampbank NOE 3.1 - 2.3 m²
Fast removal of forwarder body and clampbank

* technical data correspond to our standard model. Our option list allows the machine to be adapted to individual customer requirements. We will be happy to provide you with an offer.



*NF160-4R - our bestseller since 1997
a classic skidder with decades of proven technology.
Durability and robustness in combination*



NF170-4R - for those for whom the NF160 is too small and the NF210 too large
large clamping bench - of course, customizable - of course
big power - of course, strong cranes - simply a NOE machine





*NF210-4R - 19.1 to. tractive power, 1.3 m² large clamping bench on the rear axle. Massive performance of a powerful skidder.
On request also with a forwarder bodie*





NF160-6R - 8 to. payload, a clamping bench with up to 1.75 m², a forwarder bodie with up to 18 m³ loading volume. Fast, maneuverable, combined, powerful





NF170-6R - 10 to. Payload as forwarder, 18 to. tractive force as skidder, together an unbeatable combination





NF210-6R - whether as a combination machine, as a clamp bank machine or as a forwarder, the NF210-6R always delivers full performance. In the standard already fully equipped, the extensive option list offers every contractor the possibility to individualize the machine....



Customization options are also available in the 8-wheel range:

Forwarder bodie, clamping stanchion, clamping bench, fast mounting and dismounting without getting out of the cab, right up to the harvester attachment.





***Your demand
Our goal***

***strong performance
strong machines
modern engines
comfort
fast service
longevity
high resale value
individuality***





New generation control

- large 10.4" color display with touch function
- self-explanatory menu navigation
- Diagnostic functions for the travel drive in the display
- Remote maintenance option
- display automated in case of error
- 5-driver comfort setting options
(joystick assignments can be freely assigned via display)
- Parameter adjustments can be individually adjusted via response behavior
- proportional control of the winch

Driver's cab "a new way of looking at things".

- more clarity due to panoramic window
- more freedom of head and movement
- integrated automatic climate control
- Air-conditioned storage compartments
- Comfort driver's seat (with rotating pedals on request)
- LED lights as standard

The driver's cab rethought. Space, light, comfort and clarity in a robust safety cab. Driving has never been more fun.



Forestry technology for the professional



presented by:

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