



# Combiforwarder Systems

manual • rapid • regent • powerful • Skidder G





#### Always one lane ahead

The G-Series forwarders are revolutionized in productivity by our systems.

Our technical innovations of the different loading platform designs ensures faster and more flexible loading and unloading in combined short and long logging.

Thanks to large-scale production, the forwarder G-models are assured of a long service life and technical availability.

Robust and mass-produced standard components not only optimize machine performance, but also simplify maintenance and spare parts procurement.

To maintain the high quality and warranty of John Deere forestry equipment, we have been working closely with the manufacturer for nearly 25 years, providing complete service, manufacturing and quality from a single source.

The wide range of applications that our customers have to meet can be taken into account and implemented from the first sales talk to the first use in the forest.

Our goal is always, to make your work faster, safer and more convenient.

#### The HAAS-Systems

\_manual\* • \_rapid\* • \_regent\* • \_powerful\* • \_Skidder\* are the result of our rigorous development work on the John Deere G-model combination forwarder, which aims to be the best in class in terms of productivity and working conditions.

The loading, working and crane area, designed with the participation of the machine operator and the forestry contractor, stands out for the advantages:

long durability, high flexibility and efficiency.

Best performance features and technical innovations give these machines an even higher technical availability.





Telescopic stake cage in extended position.



Market Market Company



Quick change stake cage with three stakes Optional: horizontally telescopic

### Combiforwarder System "manual"

Various crane options

Quick change:
Front headboard, stake cage, clamping bank
Permanently integr. single-drum winch in the rear
for short and long logging
and as carrier machine

Various loading area options are available here between short, long and side ropes with the winch integrated in the

The hydraulically adjustable front grille allows the loading area to be made even more flexible and the center of gravity to be optimized.

Our optional longitudinally telescoping stake case still

consists of four stanchions, the advantage: Easier access with the grapple on slopes and optimized

loading cycles.
These loading range options, allow optimal adaptation

even in the toughest operating conditions. In addition, the "radio drive" option, which is available for all Kombiforder models, increases operating comfort and ensures pleasant working conditions.

- simple and robust construction
   with a winch integrated in the rear
- cable winch is controlled via radio
- quick-change units mechanically locked
   Crane tilt optional with longitudinally adjustable front

Combiforwarder JD1010G Combiforwarder JD1110G Combiforwarder JD1210G Combiforwarder JD1510G MMS System "manual"

grille

HAAS System "Manual" for universal logging. Within minutes, the forwarder can be converted from long logging.

Thanks to the quick shape MAAS sustain manual."

Thanks to the quick-change HAAS system "manual" the forwarder is also ideally suited as a versatile carrier



Standard: Turning clamping stake with hydraulic level compensation and log support.



Optional: HAAS clamping stake with telescopic stakes for long log use.



Optional: Radio controlled forwarding plate in floating position.

## Combiforwarder

"protected system"

various crane options
Adjustable forwarding plate with integrated

pivoting or clamping stake and single-drum winch for short log and timber forwarding Through the Haas System "rapid" the G-series rear hoists are impressive in the cargo area.

- protected Haas system "rapid" with many advantages:
- integrated winch
   Rotating stanchion with hydraulic level compensation.
  Optional rotating and tilting hydraulic clamping.
- The cable winch and the hydraulic adjustable tailgate
   researcelled by radio
- The stanchion cage is suitable for long log use due to

the quick-change third stanchion

 The adjustable tail unit can be quickly disassembled when the for-warder is sold and can be attached to the newly purchased machine

The addition of the original tail makes your used again a CTL Forwarder
Cost savings on new acquisition and increases resale

Combiforwarder JD1010G Combiforwarder JD1110G Combiforwarder JD1210G Combiforwarder JD1510G

value again

hanks to the optional height-adjustable stanchions, the

Thanks to the optional height-adjustable stanchions, the loading area can be made even more flexible and the loading time can be optimized.

The HAAS adjustable rear end makes the forwarder ideally suited for harvester logging and offers the advantage of leveling the log in the loading area even when working on slopes.

This limits slippage.

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HAAS sliding rear end, headboard rear, clamping bank retracted. Shortens the rear and increases the rope





HAAS sliding rear end, headboard in front, stake cage extended



### Combiforwarder

various crane options HAAS adjustable rear rotating HAAS clamping stake and single-drum winch in the rear for short and timber hauling Optional: Haas ÖSA clamping bank The Haas System "regent", with HAAS-ÖSA clamping bank or Haas clamping stake, which can be mounted on the sliding rear, is surprising and makes this G-model a com-

The retracted shifting rear shortens the loading space, increases rope pull and lets the backhoe move effortlessly through any terrain.

The stake cage with two stakes is mounted on the hydraulically adjustable rear end with integrated rope Thanks to the hydraulically variable loading area, space for different log lengths is created in no time at all. In addition, the cable winch is still available for individual work.

The HAAS-OSA clamping bank with single arm control and rope tensioning allows for extremely economical backing, even in the most difficult terrain and at long backing

The HAAS-ÖSA clamping bank can also be used as a stanchion for short log transport in combination with an adjustable headboard.



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Forwarder in short log transport with removable stake cage.





### Combiforwarder MAS System "powerful"

various crane options single or dual-drum forestry winch mounted under the crane HAAS-ÖSA clamping bank

removable stake cage height adjustable rear end with cable intake rollers for short log and tmber hauling Various loading area options are available here between short/long logs and axes with the forestry winch mounted under the crane. The hydraulically adjustable headboard

Our optional longitudinally telescoping stake cage still consists of three stakes.

The advantage Easier access with the grapple on slopes and optimized loading cycles

These loading range options allow optimum adaptation even under the toughest operating conditions. In addition, the "radio drive" option, which is available for all Kombiforder models, increases operating comfort and makes work more pleasant.

· Simple and robust construction · especially with the single or dual-drum forestry winch mounted under the crane, the high ground clearance is

· optional Crane tilt with longitudinally movable head-

board HAAS System "manual" for universal logging: within a few minutes, the forwarder can be converted from long logging

to short log transport. The "manual" quick-change system also makes the forwarder ideally suited as a versatile carrier machine.

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#### Quickly changeable charging variants:



 HAAS-ÖSA clamping bank for two different positions, second stake and headboard can be moved horizontally.



Stake cage with two stakes, second stakes horizontal extendable (assortment 2x3m).



### Combiforwarder System "powerful"

height adjustable rear

various crane options single or dual-drum winch optional auxiliary traction winch extensions HAAS clamping stake or HAAS-ÖSA clamping bank extendable headboard The Haas System "powerful", with Haas clamping Stake as well as the two sliding Stakes are mounted on the loading

#### Alternatively 1:

the Haas system "powerful" can be mounted with HAAS-ÖSA clamping bank in either of two positions, depending on the application, to transport short and long logs.

#### Alternatively 2:

with the quick-change, horizontally extendable stake cage (two stakes), short logs can also be moved. The HAAS-OSA clamping bank can also be used as a stanchion for short log transport in combination with an adjustable headhoard and with rone tensioning allowed this an extremely economical back, even in the most difficult even in the most difficult terrain and at long distances.

The stake cage with two stakes (second stake horizontally extendable) is mounted on the hydraulically height-adjustable rear with integrated cable intake rollers. Thanks to the versatile loading area, the required space for the most varied log lengths can be obtained in no time at

In addition, the combined forestry winch (optional traction auxiliary winch extension) installed under the crane is still available with unchanged high ground clearance for different applications.

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HAAS-ÖSA Clamping bank with retracted sliding tail and high rope retraction.



HAAS-ÖSA Clamping bank with extended movable rear for short loss.





### Combiforwarder System "powerful-regent"

various crane options single-drum winch

single-drum winch optional traction cable winch extensions height adjustable rear pivoting HAAS clamping stake for short logand timberhauling optional: HAAS-ÖSA clamping bank The Haas System .powerful-regent", with HAAS-ÖSA clamping bank or Haas clamping stake that can be mounted on the sliding rear is surprising and makes the G-model a compact all-rounder.

compact all-rounder.

The retracted sliding rear shortens the loading space, increases the rope retraction and allows the backhoe to move

effortlessly through any terrain. Thanks to the hydraulically adjustable loading area, space for different log lengths is created in no time at all. In addition, the combined forestry winch (optional auxiliary traction winch extension) installed under the crane is still available with unchanged high ground clearance for different HAAS-ÖSA clamping bank with single arm control and rope tensioning allows for extremely economical backing, even in the most difficult terrain and with large back harvests. The HAAS-ÖSA clamping bank can also be used as a stanchion for short log, transport in combination with an adjustable

headboard.

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### Combiforwarder

MAS System "Skidder"

various crane options

single or dual-drum winch height-adjustable rear end with cable intake rollers optional: HAAS-ÖSA clamping bank bogie lift forwarding plate

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The Haas System "Skidder" with a short rear frame and height-adjustable rear, as well as with integrated cable intake rollers, make the G-model a powerful, ground-saving skidder that can be moved effortlessly through any terrain.

Thanks to
The system is equipped with a low crane column as nal bogies
standard.

The forestry winch is also mounted under the crane in this variant, which means that ground clearance remains high. With the optional HAAS-ÖSA clamping bank without rope tension, the G-model is a highly efficient powerhouse. The single-arm control allows extremely economical backing, even in the most difficult terrain and at long backing distances. In addition, the forestry winch is still available for individual

In addition, the forestry winch is still available for individual work.

work.

Thanks to the combination of short rear frame and optional bogie lift, the result is an absolutely maneuverable back









#### Options Krantilt:



· +4°/-19° (1110G, 1210G, 1510G)

· +2"/-23" (1110G, 1210G, 1510G)

Crane tilt with Epsilon crane at System manual:

Crane tilt with Mesera crane at System manual:

- Crane tilt with original John Deere crane:
- · +5°/-24° (1010G)
- · +3°/-17° (1110G, 1210G, 1510G)

Crane tilt with Epsilon crane at System powerful: · +12°/-22° (1110G, 1210G, 1510G)

Crane tilt with Mesera crane at System powerful:

· +10°/-26° (1110G, 1210G, 1510G)



HAAS crane tilts are made for forwarders John Deere 1010G, 1110G, 1210G, 1510G. With these models, the transport height is maintained with the Krantilt standard equipment, With the additional Krantilt equipment, the forwarders are also suitable for extreme slope applications,

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#### Options: Only available at the Bad Hindelang factory

- · Radio remote control for winch
- · Radio remote control for driving
- · Bogie lift front
- · Front pole shield widening
- · Front Pole Shield Scraper Rail
- HAAS storage box
- · Engine hood guard
- · Front guard · Bogie lift rear
- · Auxiliary traction winches extensions
- · End position damping
- · Stake cage modifications
- · Telescopic stake (yellow) variable height
- adjustment · Rear shield







#### Kits:

- Rotation · Clamping stake
- · Clamping bank
- · Forestry winch / rear mounting
- HAAS storage box
- Wheel spacer







# Innovation is our strength:

HAAS - MASCHINENBAU stands for decades of experience in forestry technology. Innovation, quality, service and spare parts supply for forestry is our claim.

Customized solutions are designed to make your business more efficient and your daily work more productive. We invest large sums every year for the further development of our products.

Our goal is allways to make your work faster, safer and more convenient.

HAAS - MASCHINENBAU offers the sale and additionelly develops the large program of systems exclusively to John Deere since 1998 for all applications in short and long wood harvesting.

Made in Germany

### Your success is our claim!

Innovation ♦ Quality ♦ Modification ♦ Sales ♦ Service ♦ Spare parts supply



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