



Technik die Freude macht.

HSM - High-performance forestry machines for your requirements



The HSM product line includes special forestry tractors, forwarders, harvesters and combination forestry machines that are developed for use in forestry. HSM has a long tradition of commitment to developing state-of-the-art technology for sustainable care of the soil and

sustainable productivity of forests. With narrow machines and wide tyres, the technical navigability of logging trails is maintained and forestry is supported in a way that is both economically and ecologically sustainable.

Tried-and-tested design

HSM forestry machines are available in different performance classes and with many innovative options. HSM offers the ideal forestry machine for all conditions and fields of application from thinning to harvesting. An attractive range of special accessories meets customer needs down to the smallest detail, providing highly efficient forestry technology. What all machines have in common is production from a single source, direct from the

manufacturer and most importantly, without complex modification work from a third party. The diverse needs of our customers can be completely implemented without delay, from sales consultation to delivery. Today, consistent further development of the products makes HSM the embodiment of high-performance forestry machines that conserve soil and the environment.



From 805 to HSM 904ZL, HSM offers the right 4-wheel crane forwarder for every need. Designed for jobs from thinning to harvesting in deciduous forests under difficult conditions. What they all have in common is their robust design with central torsion and compact dimensions, with tyres as wide as 940 mm at outside dimensions of less than 3 metres.

For every performance class, HSM offers the perfect selection of cranes with internal hoses, attached low on the vehicle.

State-of-the-art engine technology, high-performance hydraulics and innovative drive technology, such as the high speed drive transmission (series 71), complete the program.

Professional technology for cost-effective forwarding

Cab can be tilted hydraulically
for maintenance work

Ergonomic panorama comfort cab
for an all-round view, automatic climate control,
electric swivel seat and plenty of storage

Different front shields
fixed or tiltable, in quick-change system or
front-loader (depending on model)

Wide tyres
with small exterior width
e.g.: 28L-26, 2.550 mm wide

Climbing rung
robust and flexible

Fold-down, fully closing bottom panels for
protection against branches and rocks

Stable centre joint
with hydraulic stabilisation

Strong planetary axles from NAF

Cranes
in different performance classes
suitable for every need
from Epsilon or Mesera
with interior hoses

Adler cable winches
from 2 x 8 tonnes to
2 x 16 tonnes tractive force

Stable straight shields
with or without clamping
workbench, height-adjustable
roller block and much more.

Shell gripper
or two-finger gripper

For the detailed model specifications, refer
to the technical data sheets or arrange a
personal consultation with one of our sales
employees.



Technik die Freude macht.

HSM crane forwarder agile - flexible - high-performance



In no other working environment are the requirements as varied as in forestry. Therefore, HSM has devoted its entire innovative ability to finding suitable solutions for the past 50 years. HSM produces crane forwarders with a wide variety of innovative options for your success, thus supporting state-of-the-art and sustainable forestry.

Technik die Freude macht.



With the development of a new generation of the 6-tyre crane forwarder 805 6WD and 904 6WD, HSM has again proved itself as the leading innovator for the development of soil-conserving and productive logging technology. Equipped with various options (e.g. harvesting head, quick-change clamping workbench), this machine makes a greater utilisation and more flexible utilisation options possible, thus contributing to more economic success for the operator.

Innovation for productivity and soil conservation

Work area light system
all in LED

Cab can be tilted hydraulically
for maintenance work

Ergonomic panorama comfort cab
for an all-round view, automatic climate control,
electric swivel seat and plenty of storage

Strong Epsilon crane
from S120 - X150 and
Forwarding distance up to max. 10.4 m

Strong Adler cable winches
with tractive force of up to 2 x 16 tonnes
and of a cable take-up of up to 180 m

Different front shields
Optionally fixed or tiltable,
in the quick-change system or
front loader (depending on model)

Climbing rung
robust and flexible

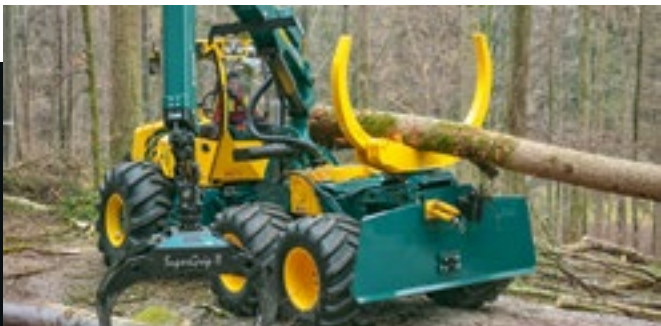
Fold-down, fully closing bottom panel for protection
against branches and rocks

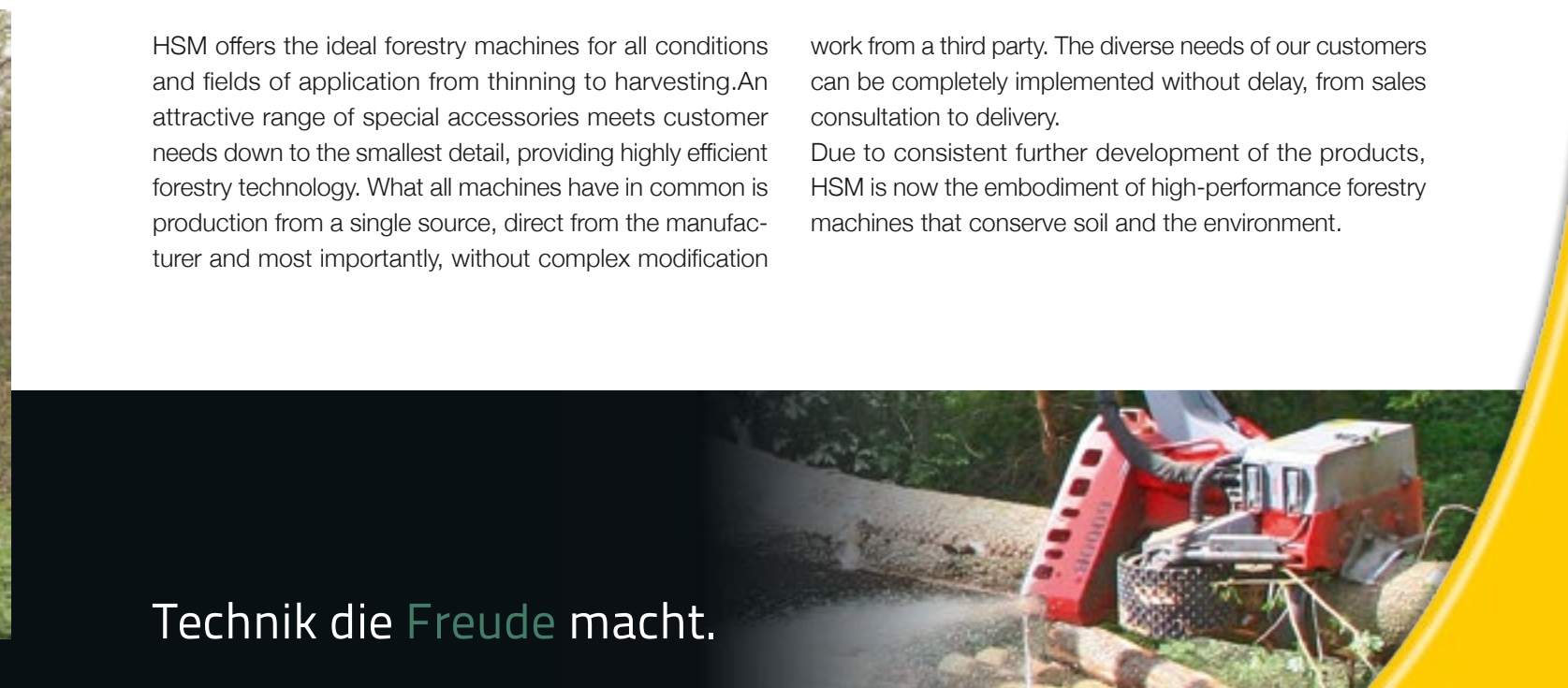
Different straight shields
with a quick-change clamping workbench,
height-adjustable roller block and much more.

904 6WD
with standard tiltable crane pillar for even
more flexibility and conservation in use

Different grips
Choice of Epsilon,
Mesera or Hultdins

For the detailed model specifications, refer
to the technical data sheets or arrange a
personal consultation with one of our sales
employees.





Custom solutions
Your needs are our motivation

HSM offers the ideal forestry machines for all conditions and fields of application from thinning to harvesting. An attractive range of special accessories meets customer needs down to the smallest detail, providing highly efficient forestry technology. What all machines have in common is production from a single source, direct from the manufacturer and most importantly, without complex modification

work from a third party. The diverse needs of our customers can be completely implemented without delay, from sales consultation to delivery. Due to consistent further development of the products, HSM is now the embodiment of high-performance forestry machines that conserve soil and the environment.

Technik die Freude macht.

Whether long or short timber, the multi-purpose series from HSM opens all possibilities without compromises. The one-of-a-kind concept with a quick-change system for clamping workbench and stanchions, height-adjustable roll support, double-drum winches with up to 2 x 16 tonnes tractive force and much more

provide ideal utilisation with a machine for long and short timber. Available as 6-wheel 805 Kombi and 904 Kombi or as 8-wheel 208F 9 to Kombi and 208F 11 to Kombi. Benefit from the versatile and tested design from a single source. Experience what is possible.

Versatility for optimal utilisation



Work area light system
all in LED

Cab can be tilted hydraulically

Ergonomic panorama comfort cab
for an all-round view, automatic climate control,
electric swivel seat and plenty of storage

Different front shields
Optional fixed or tiltable, in the
quick-change system or front
loader (depending on model)

Grid and 1st stanchion
quick-change

Clamping workbench
can be changed quickly without a tool
with additional pair of stanchions

Last stanchion
able to be plugged
into 3 positions,
also as rotating stanchion

Different grips
Choice of Epsilon,
Mesera or Hultdins

Climbing rung
robust and flexible

Strong Adler cable winches
with tractive force of up to 2 x 16 tonnes
and of a cable take-up of up to 180 m

Wide tyres
with small exterior width

Hydraulic straight shield
as sprag brake

For the detailed model specifications, refer
to the technical data sheets or arrange a
personal consultation with one of our sales
employees.



Technik die Freude macht.

Comfort, ergonomics, function and overview are priorities in HSM machines and are constantly being adapted to the newest advancements. This is how drivers can easily reach their full capacity and be productive, even throughout a long workday.

The newly developed "**Panorama comfort cab**" sets standards in this area. Automatic climate control, electric swivelling driver's cab with all of the important functions and the newly revised CMC control system are three of the many new features that contribute to fatigue-free work.

The focus is on comfort HSM Panorama comfort cab



Electric swivelling **driver's cab**

Automatic climate control

Integrated **diagnostic tool**

Work area light system all in LED

Windscreen without A-pillar for an even better front view

High-arching **rear window** for maximum view

Hinged and adjustable **side and door window**

State-of-the-art **central electrical system** with illuminated fuses and relay plate

Fold-out table for a relaxing break now and then

Large cooled and heated storage compartment for snacks and beverages

LED-lit ascent

Switchable (using key fob) "**going-home**" **lighting** of two work lights

12 volt and 24 volt **interior socket**

Glove dryer

Technik die Freude macht.



With the HSM 208F model series, HSM offers forwarders from the 9 to class up to the 14 to class that can be custom-suited to the customer's needs, strong cranes, flexible stanchion systems, tiltable crane pillars, bogie lift, cable winches and much more, directly from the manufacturer. HSM has committed to offering economical, productive and soil-conserving forestry technology for state-of-the-art and sustainable forestry.

Like no other manufacturer, HSM has from the start pursued the goal of developing machines with wide tyres and small outer width to reduce the ground pressure. This has been incredibly successful with the HSM Bigfoot (940 mm wide tyres, outer width 3.0 m), but HSM has also demonstrated its pioneering technology with forestry machines that conserve soil and the environment with the development of steep slope technology.

Soil-conserving short timber technology



Work area light system
all in LED
integrated and protected in the cab

comfortable, easy-to-use cab
with climate control and readily accessible central electrical system

The newest engine technology
From Mercedes or Iveco,
depending on model

Hinged front door
for easy cleaning of the radiator

Optional:
Front bulldozer shield

Climbing rung
hydraulic, foldable

Strong cranes
from Epsilon or Mesera
with interior hoses

Variable stanchion concepts
adjustable, removable,
quick-change
and many more.

Rotating stanchion
with bearing
slewing ring

Installation of cable winches
up to 10 tonnes tractive force

Optional:
Tiltable crane pillar

Tyres
up to 940 mm wide with a
outer width of under 3 m

**Official approval and homologation for
road service** (Germany)
as self-propelled work machine

For the detailed model specifications, refer
to the technical data sheets or arrange a
personal consultation with one of our sales
employees.



High-performance - flexible - ground-breaking

HSM forwarders



Gain critical advantages through a wide variety of custom solutions for your individual needs.

- Soil-conserving traction winch technology
- Tiltable crane pillar
- Bogie lift
- Installation of felling unit or harvesting head and much more.

HSM also offers the most innovative solutions in the area of drive concepts.

With the high speed drive (series 71) you can drive up to 14 km/h in first gear while lowering operating costs with optimized efficiency.

This combination of advanced drive technology with maximum comfort, ergonomics and reliability results in the highest productivity and efficiency.

Technik die Freude macht.



Soil-conserving - productive - economical

BigFoot 



Wide tyres with a small outer width

The 208F 10 to 208F 12 model series was equipped with extremely wide tyres of up to 940 mm with a small outer width of under 3m at its market launch many years ago. The HSM 208F **BigFoot** is the result of consistent further development of this concept - **the perfect innovation for soil-conserving foresting technology!**

Equipped with special stanchions, the BigFoot can be driven with 1340 mm wide belts that were developed for this purpose.

This leads to productive and economical wood harvesting with little track depth on otherwise unnavigable wet surfaces. An additional efficient and resource-saving solution is using the **BigFoot** without belts. Higher driving speeds and lower fuel consumption – while also conserving the forest paths (due to decreased soil erosion) – are critical advantages for economic success.

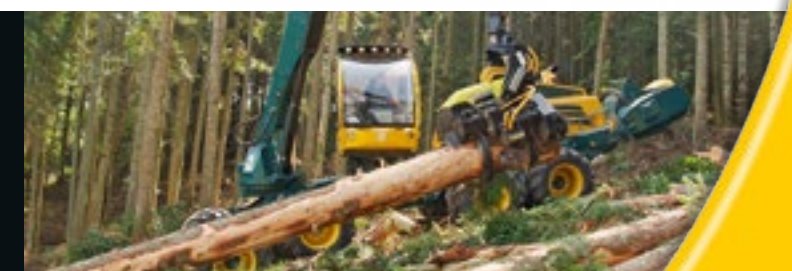
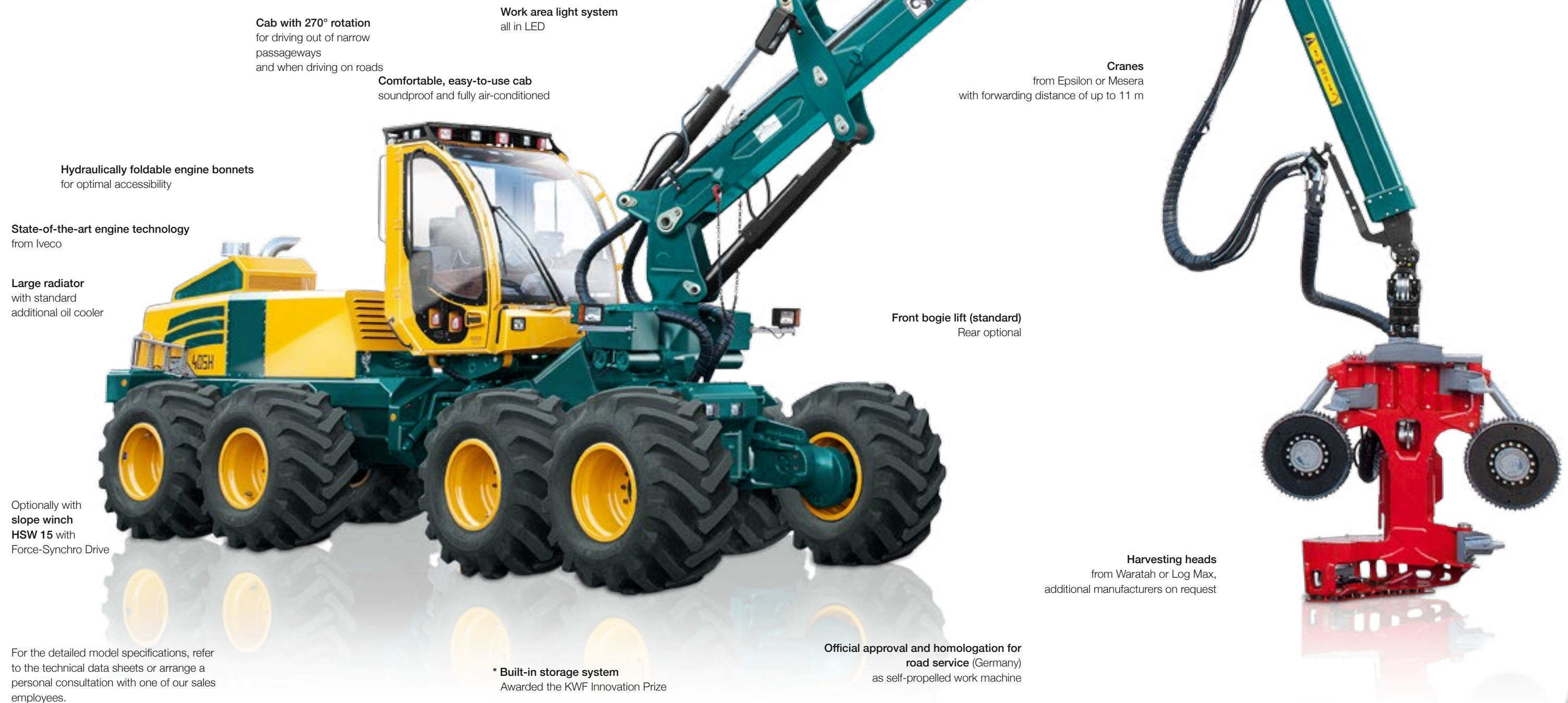
Technik die Freude macht.



From the beginning, HSM has used the established 8WD concept in the 405H harvester series that is now being used in the market. Low-built crane, the strong torsion lock, deep built-in engine and diesel tank ensure maximum stability. An additional feature is the large steering angle of 50°, which ensures manoeuvrability that is often greater than that of comparable 6WD machines. Cranes with continuous rotators in the performance classes up to 280 kNm lifting capacity

or with the Epsilon strong timber crane (range 11 m) leave no wish unfulfilled. HSM sets standards for hydraulic output and efficiency. In combination with the KWF award-winning storage system*, you experience performance and productivity like never before. The HSM 405H is also available as a steep slope version with up to 450 m of cable and the HSM Force-Synchro Drive (control system). Efficiency, reliability and productivity ensure your success.

Premium-class harvester technology



Expert - reliable - fast

HSM service and quality



The name HSM is associated with excellent quality and innovation as well as first-class spare parts and other service. Expert technical support and maximum parts availability ensure our customers' competitiveness. Our dealers and partners around the world ensure this also. Ease of access and service are at the forefront in the design of the machine.

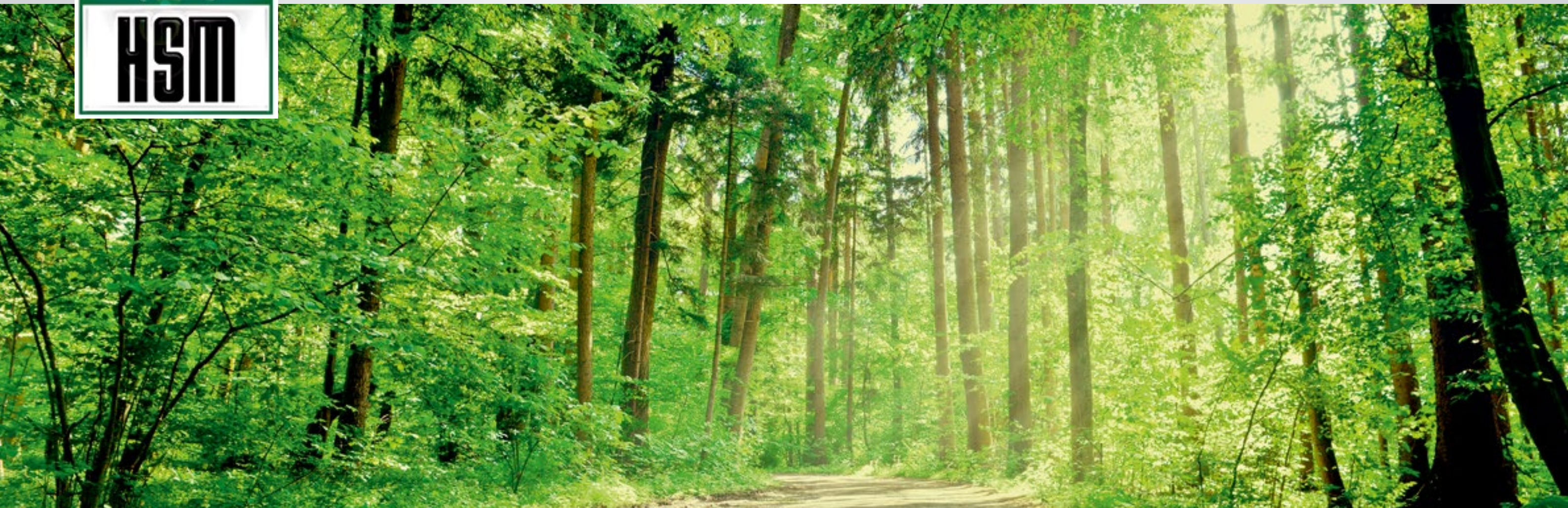
For this purpose, HSM offers state-of-the-art tools for optimising and monitoring important machine data: the E-command intelligent control system and the Econnect telematics and remote diagnostics system. This makes a critical contribution to the efficiency and productivity of a state-of-the-art forestry business.



Technik die Freude macht.



Your partner for state-of-the-art
and sustainable forestry



Shape the future with us...

Technik die Freude macht.

HSM Hohenloher Spezial- Maschinenbau GmbH & Co. KG

D-74635 Neu-Kupfer
Im Greut 10

Phone + 49 (0) 7944 / 9191-0
Fax + 49 (0) 7944 / 9191-77
E-Mail info@hsm-forest.com

www.hsm-forest.com

