

# SENEBOGEN

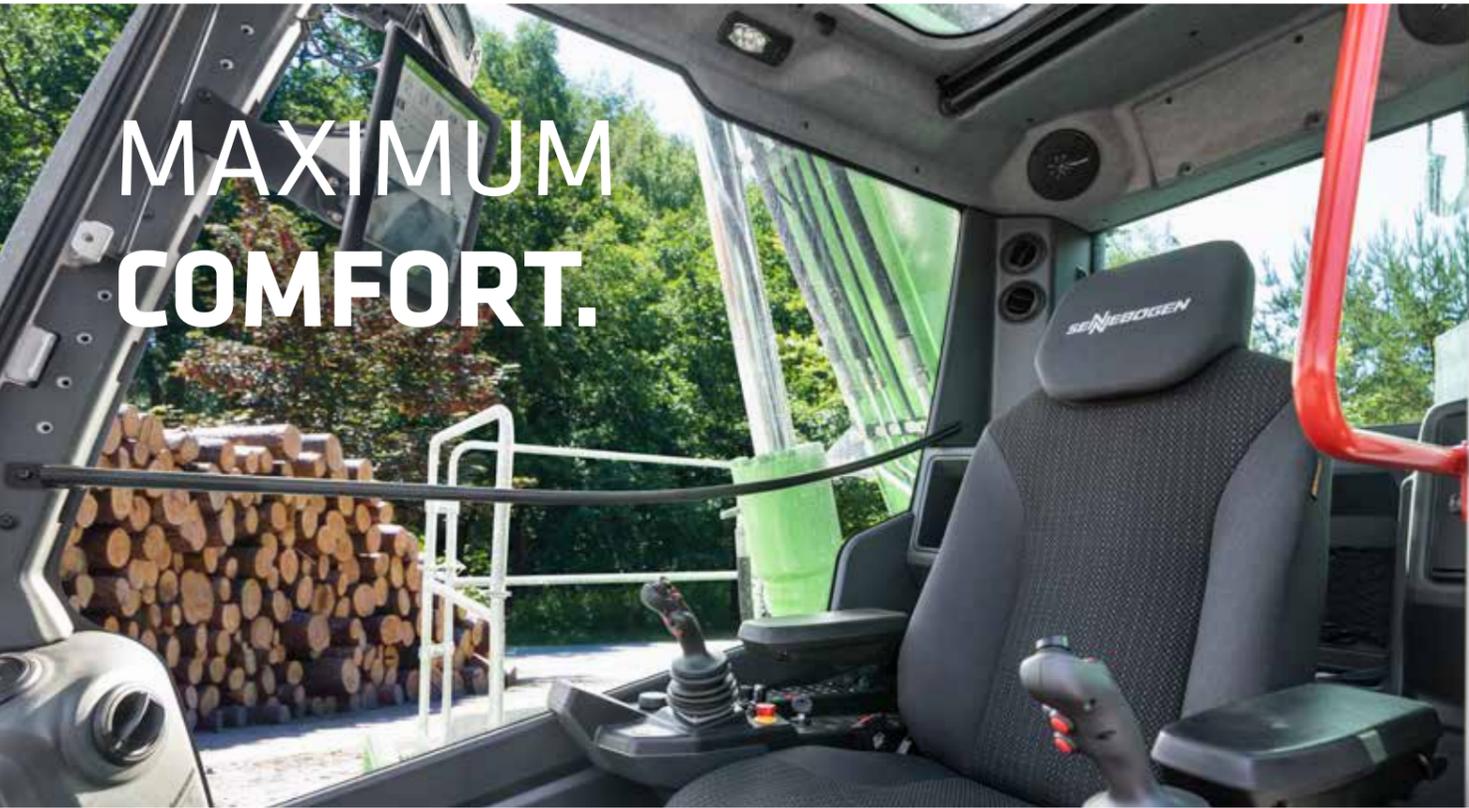
# TIMBER PICK & CARRY MACHINE

WITH UP TO  
9 m STACKING  
HEIGHT

## 724G



# MAXIMUM COMFORT.



## Everything in view

The new Maxcab sets standards in terms of overview and functionality. Thanks to the generous panoramic view, you always have a perfect overview of your work area. Supported by modern safety cameras and an advanced monitor system, you can keep a comfortable and safe eye on the danger zone.

## Pleasant indoor climate

The Maxcab's modern automatic climate control ensures an optimally tempered working environment in any kind of weather. No matter if it's scorching heat or freezing temperatures - approach your tasks every day with composure and focus.

## New, modern interior

The Maxcab impresses with a completely revised interior design that meets the highest standards of ergonomics and comfort. High-quality materials and a well thought-out interior design create a pleasant working environment, while the continuous large windows ensure a generous feeling of space.

## Intuitive operation

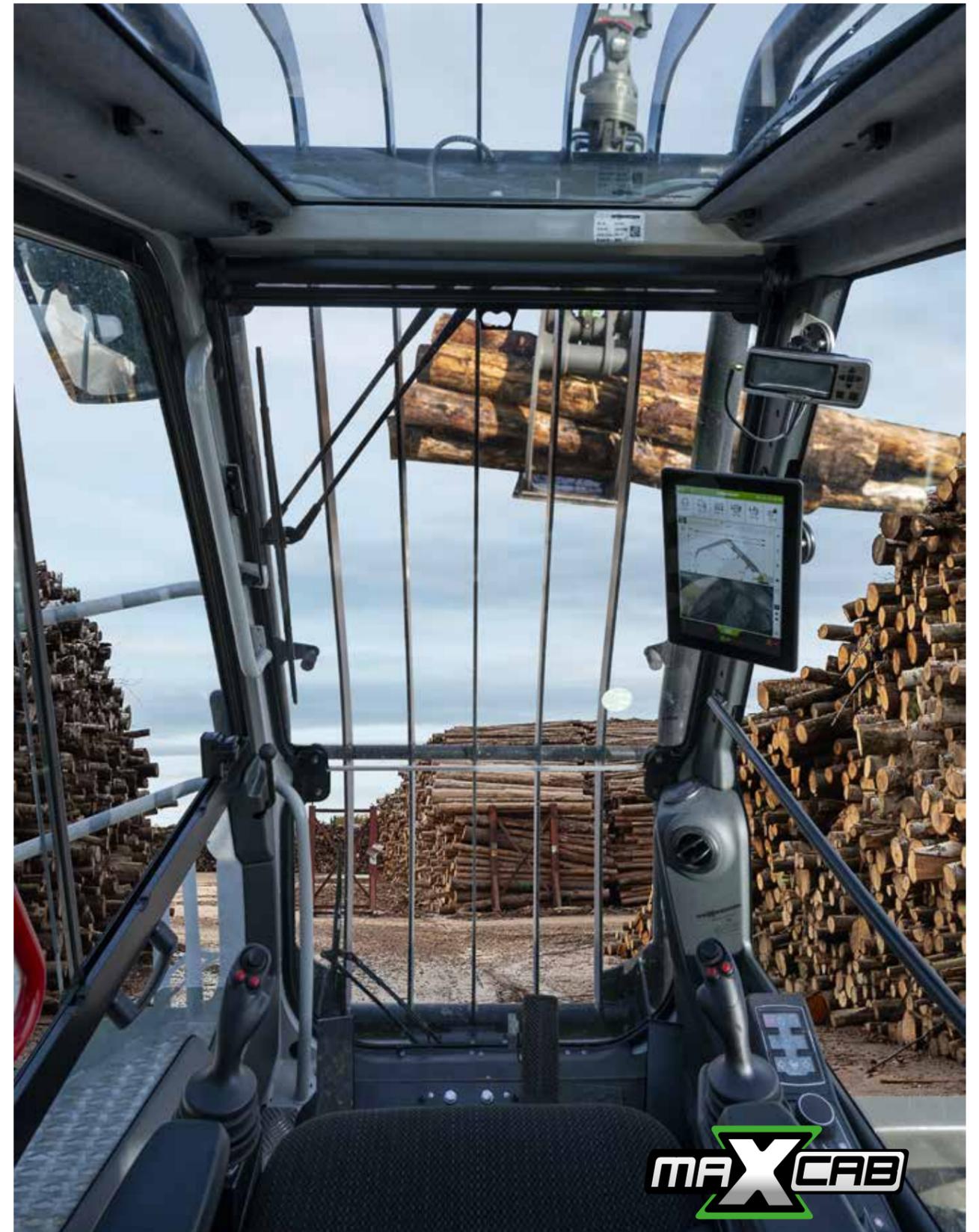
The heart of the new Maxcab is the 10-inch touch display, which gives you quick access to all important functions. In addition, buttons and switches for the most important settings ensure intuitive and efficient operation. The battery is automatically disconnected from electrical consumers when the machine is switched off.

## Individual operator profiles

The Maxcab enables personalized settings for every operator. Simply get in, load the saved profile - and get going straight away.

## Easy control

The intelligent SENcon control system gives you quick and easy feedback on the machine's condition. Thanks to the intuitive user interface, it has never been easier to monitor energy consumption and utilization, control the desired working modes and contribute towards reducing operating costs.



# SENcon The machine control of the future.

The modern SENcon control system offers comprehensive comfort for operators, fleet managers and service personnel.

Assistance systems increase work safety, make work processes more efficient and remote diagnostics quick and easy. Through the analysis of machine data, you can optimize the operation and reduce the CO<sub>2</sub> footprint of the machine.

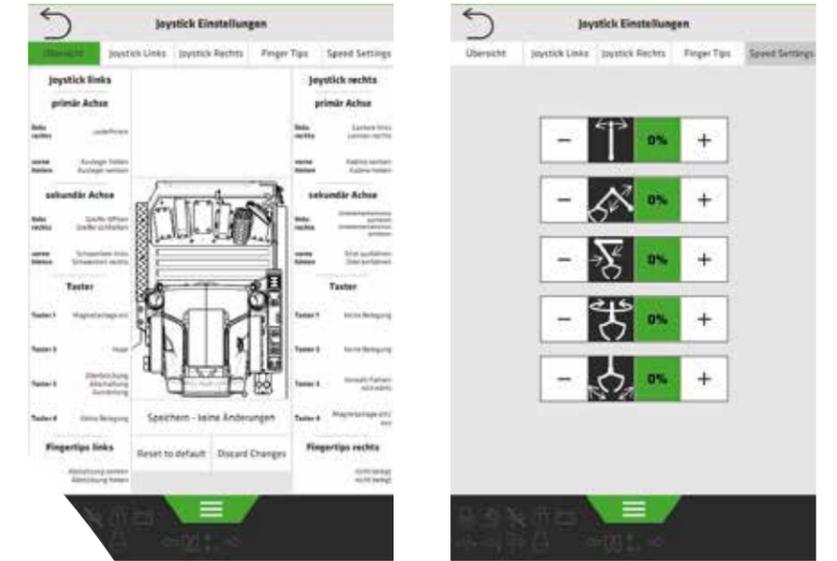
## 1. Driver comfort of tomorrow thanks to modern assistance systems

- Quickly setup & access to comprehensive driver profiles
- Integrated safety systems (e.g. work area limitation)
- Safe machine movements thanks to semi-autonomous movements
- Preparation for remote control and fully automated operation movements



## 2. Effective remote service reduces costs and saves time

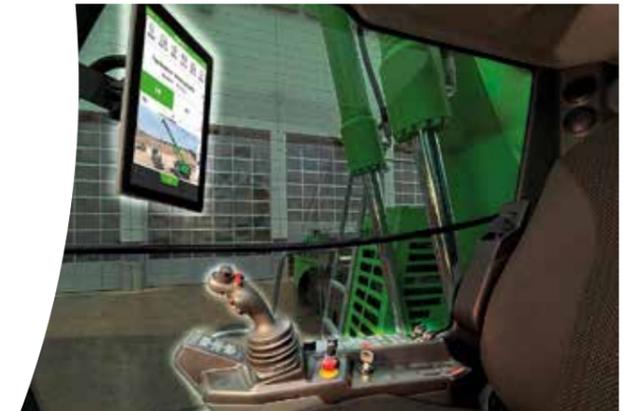
- Extract and analyze machine data from any location
- State-of-the-art diagnostic tool for effective remote diagnostics
- Guarantee of the best possible machine availability and operating safety



Quick access to all important functions via the large 10-inch touch display

## 3. Always up to date: Software updates over-the-air (SOTA)

- Efficient installation of new functions of the machine control system remotely without physical intervention in the machine
- Continuous work with the latest technology
- The machine remains maximally available and flexible in use



## 4. Intelligent analysis of machine data

- In combination with the telematic system SENtrack the machine data from SENcon becomes valuable information about work processes and the condition of the machine
- Integrated functions such as the excavator scales ensure view of the current achieved handling performance

G SERIES  
STANDARD  
EQUIPMENT

# PROFESSIONAL FLEET MANAGEMENT

**SENtrack**  
TELEMATIKSYSTEM

## 1. Reduce service costs

The dashboard is used to monitor the machine and its main operating parameters (temperatures, consumption). If key figures deviate significantly from the target value, the user is informed immediately.

## 2. Reduce consumption

You will receive daily updated insights into your fleet processes: Easily identify and optimize times when machines are idle or change set parameters when machines are underloaded to reduce consumption.

## 3. Improve productivity

With just a few clicks, you can identify and optimize machine capacity, analyze routes if required and thus make your port processes more profitable.

## 4. Safeguard your investment

Practical alarm messages inform you about critical machine conditions. In the event of irregular movements, the machine can also easily be deactivated remotely.

„What if you could receive real-time data from all your machines with just one click and so increase your productivity? SENNEBOGEN's SENtrack telematic system makes this possible. With the G series, you get the benefits of the monitoring tool as standard!”



## MAINTENANCE AND SERVICE.

KEEP IT SIMPLE. WITH MANAGEABLE TECHNOLOGY.



Reliable and practical technology makes life easier. We rely on hydraulics, electrics and electronics where they are most useful.



We make you happy, not reliant. With cost-effective components and fewer process steps, you can take care of the machine on your own.



The central electrical distributors and electronic modules facilitate maintenance, service and, if necessary troubleshooting.



The SENNEBOGEN Troubleshooter is a guided troubleshooting tool for the fastest possible solution in the case of service.



All maintenance and service points are clearly arranged and easily accessible. The clear labeling of components makes finding your way around easy.

## TECHNICAL DATA, EQUIPMENT

### MACHINE TYPE

MODELL (TYP) 724 G

### DIESEL ENGINE

TYPE **Stage V**  
Cummins B 4.5  
Rated Power: 123kW/2200 min<sup>-1</sup>  
Operating Point Standard: 123kW/2200 min<sup>-1</sup>  
Operating Point ECO: 126kW/2000 min<sup>-1</sup>  
Automatic idle/stop

COOLING water-cooled, radiator fan with automatic rotation direction switching in the interval

DISPLACEMENT 4,5 l

NUMBER OF CYLINDERS 4

BATTERIES 2 x 110 Ah, Battery disconnect switch

ELECTRICAL SYSTEM 24 V

FUEL FILTER Including electric (24 V) heated water separator

AIR FILTER Dry filter with integrated pre-separator, automatic dust discharge, contamination indicator

OPTIONS  
Electric fuel pump  
Jump start pole  
Fire extinguishing system  
Low temperature package  
Cyclone pre-separator for use with high-dust loads

### TANK CAPACITIES

FUEL 300 l

AD BLUE 34,5 l

HYDRAULIC TANK 240 l

COOLANT ca. 30 l

ENGINE OIL ca. 18 l

CENTRAL LUBRICATION SYSTEM Automatic central lubrication for equipment and slewing ring, display of fault and empty message via SENCON

### UPPERCARRIAGE

DESIGN Torsion-resistant box design with optimized kinematics for pick & carry operation, precision crafted, steel bushings for boom mounting, engine installed in the longitudinal direction

COOLING SYSTEM Cooling system with 3 cooling circuits and demand-based fan control, consisting of charge air cooling, coolant cooling and hydraulic oil cooling, hydraulically driven, thermostatically controlled incl. fan reversal

SAFETY Surrounding uppercarriage railing, removable for 1100 mm transport height

OPTIONS  
LED lighting package  
Slew brake via foot pedal  
Fire extinguisher  
Electrical hydraulic tank preheating  
LED strobe lights integrated into the rear side covers  
LED strobe lights and warning horns  
Compressor for cleaning the machine  
Bumper guard above the rear counterweight

## TECHNICAL DATA, EQUIPMENT

### HYDRAULIC SYSTEM

Load Sensing / LDUV hydraulic system, multi-circuit hydraulics, Mehrkreishydraulik, electro-hydraulic controlled working functions

DELIVERY RATE Working hydraulics: max. 405 l / min  
Drive hydraulics: max. 267 l/min

OPERATING PRESSURE Working hydraulics: up to 350 bar  
Drive hydraulics: up to 400 bar

LOAD LIMIT CONTROL Optimized load control; in order to use the best possible operating point of the diesel engine at all times, even under full load

CONTROL SYSTEM Proportional, precision electrical control of work movements, 2 electrical joysticks for work functions, additional functions via switches and foot pedals

SAFETY Load-holding valve for stick and compact boom

OPTIONS  
Bio-oil filling  
SENNEBOGEN HydroClean micro filter system (3 µm) with water separator  
Ball valves for the hydraulic lines instead of quick change couplings

### SLEWING DRIVE

GEARBOX Compact planetary gear with bent-axis hydraulic engine, integrated brake valves

PARKING BRAKE Spring-applied, hydraulically released multi-disc safety brake

SLEWING RING Internally geared, heavy-duty ball bearing slewing ring, sealed

SLEWING SPEED 0-8 min<sup>-1</sup>, variable

TORQUE 60 kNm

### CAB



CAB TYPE Rigid 1 m cab elevation

CAB FEATURES Sliding door incl. sliding window, vibration-damped tinted safety glass side window, skylight, windscreen wiper, sunblind for front and roof windows, integrated microphone for hands-free system, air-suspended comfort seat, automatic climate control with fresh air and recirculated air filter, joystick steering (mobile version), SENcon control, emergency OFF

OPTIONS  
Rigid cab elevation 1.5 m  
Hydraulically folding rigid cab elevation  
Parking heater  
Active carbon filter for outside air  
Steering wheel control, height-adjustable  
Active seat climate control  
Bulletproof skylight  
Windscreen wipers for skylights and lower windshield  
SENNEBOGEN Comfort Audiosystem  
Radio with USB port, MP3 and Bluetooth functions  
Cover for cab seat  
Cool box behind the seat (electric)

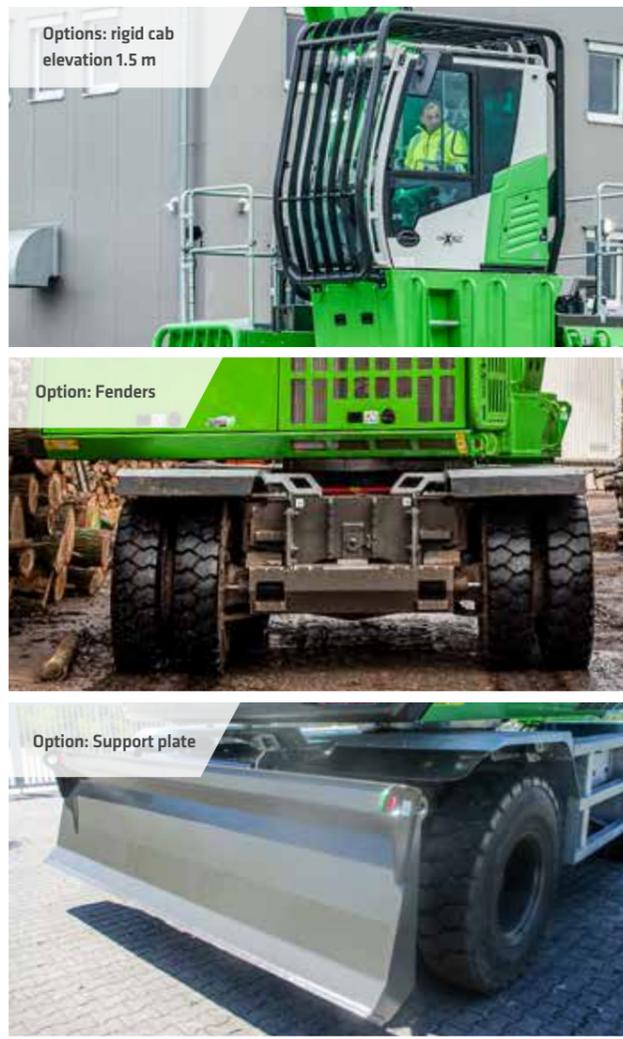
# TECHNICAL DATA, EQUIPMENT

TECHNICAL DATA, EQUIPMENT

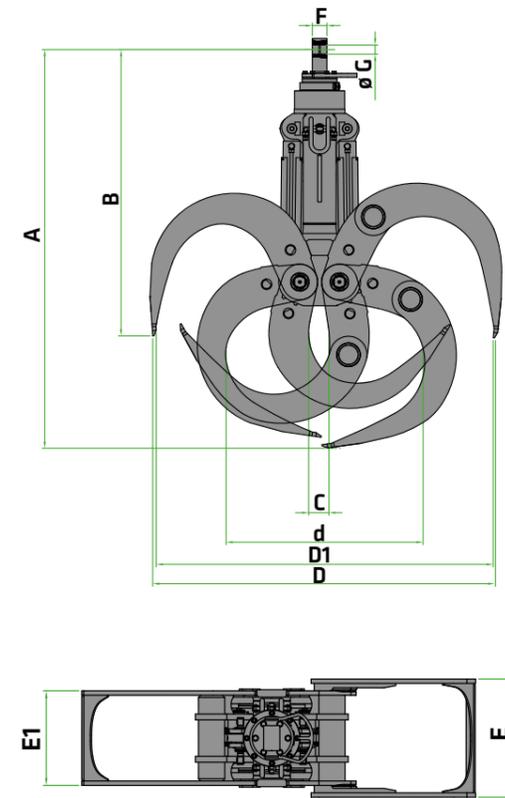
EQUIPMENT	
CYLINDERS	Hydraulic cylinders with high-quality sealing and guide elements, end position damping, sealed bearing points, pipe fracture safety valves for lift and stick cylinders
STACKING HEIGHT	up to 9 m
CENTRAL LUBRICATION	Automatic central lubrication system
OPTIONS	<ul style="list-style-type: none"> <li>Ball valves in the hydraulic lines</li> <li>Load stabilizer to dampen the load / equipment vibrations</li> <li>Bar graph pressure display (lift cylinder) in SENCON</li> </ul>

UNDERCARRIAGE	
	MF33 mobile undercarriage without stabilizers, steering axle with automatic pendulum axle, pendulum axle cylinder with pipe fracture safety valve, all-wheel drive powered by an adjustable hydraulic motor with directly mounted, automatically acting brake valve. Planetary axles with integrated steering cylinders. Automatic steering direction. Driving direction can be activated automatically or manually via joystick button - with integrated visual feedback
STEERING	All-wheel steering
BRAKES	Hydraulic, Service brake: Multi-disc brake with dual circuit-system  Parking brake: Multi-disc brake
TIRE TYPE	12.00-20, 8-air
SPEED	0 - 20 km/h variable
OPTIONS	hydraulic and mechanical trailer preparation  Shunting coupling Fenders, galvanized Support plate to the front / rear Pre-installation for support plate Monitoring-system for tire pressure

OPERATING WEIGHT	
MASS	ca. 29,000 kg Basic model 726 M including 1,75 m <sup>2</sup> grab
NOTE	Operating weight varies by model and equipment  Subject to technical changes!



# THE RIGHT TIMBER GRAB FOR EVERY REQUIREMENT



TYPE / SIZE	GRAB CAPACITY	WEIGHT <sup>1)</sup>	DIMENSIONS (mm)									LOG LENGTH	
			A	B	C	D	D1	d	E	E1	F		G
800.30	0,80	1465	2710	2075	100	2320	2195	1360	800	640	110	70	6,0
1000.30	1,00	1540	2815	2040	125	2510	2410	1415	800	640	110	70	5,0
1250.30	1,25	1570	2890	2055	110	2665	2555	1510	800	640	110	70	5,0
1500.30	1,50	1655	3090	2110	115	3050	2940	1625	800	640	110	70	4,0
1000.32	1,00	1820	2950	2170	150	2520	2410	1375	800	640	110	70	6,0
1250.32	1,25	1860	3020	2170	110	2665	2555	1510	800	640	110	70	6,0
1500.32	1,50	1905	3165	2220	120	2980	2850	1630	800	640	110	70	5,0
1750.32	1,75	1975	3315	2245	120	3280	3145	1700	800	640	110	70	5,0

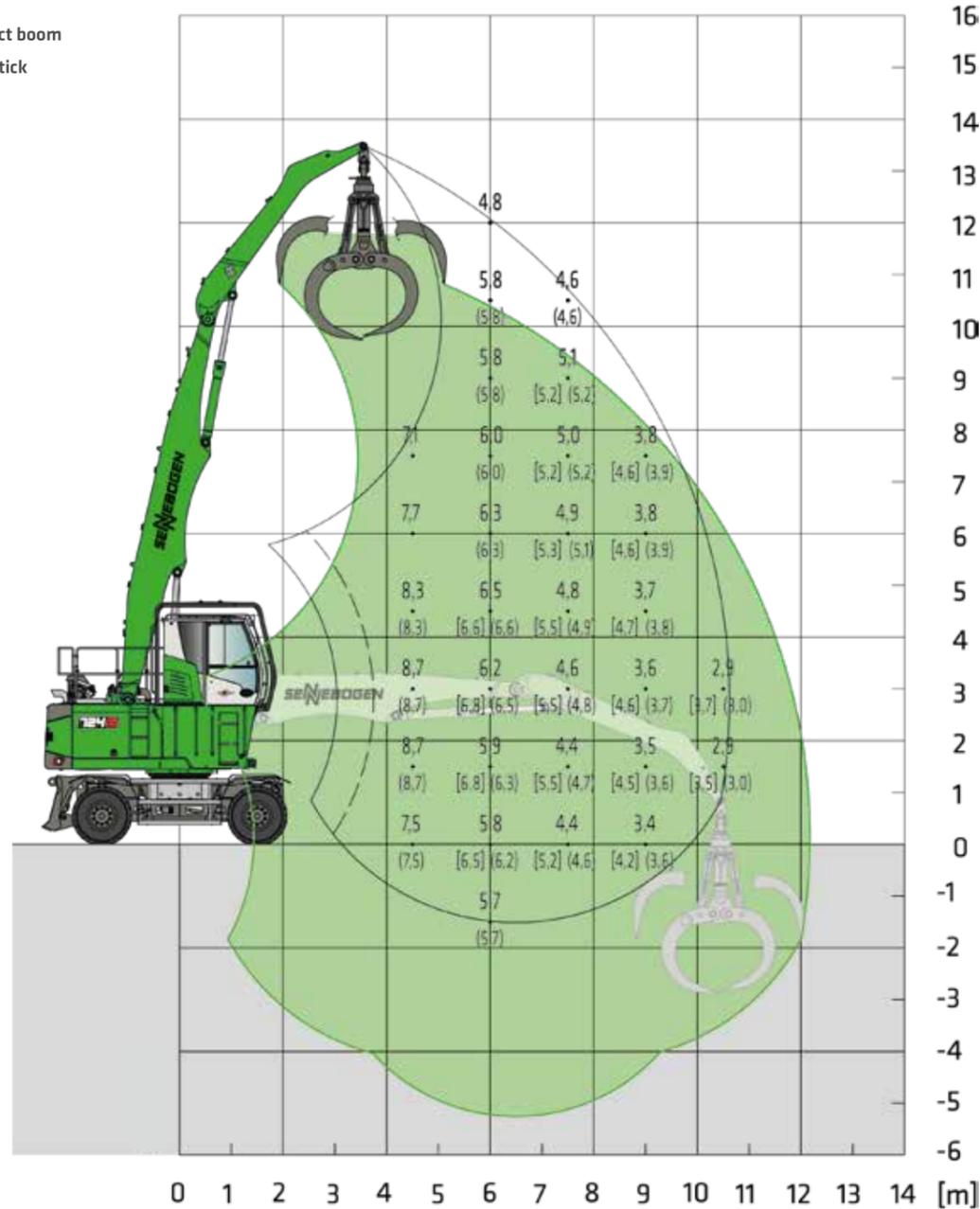
Subject to technical changes. Additional options available upon request.

<sup>1)</sup> Weight information without grab mounting bracket, stick bolts, hose system. The weight of the grab mounting bracket is 148 kg.

# LOAD RATINGS K11

**MF33** **MAXCAB**  
1 m rigid elevation

7.5 m compact boom  
4.5 m grab stick

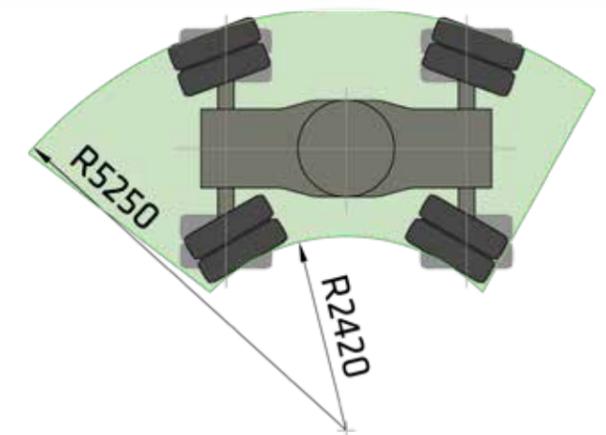
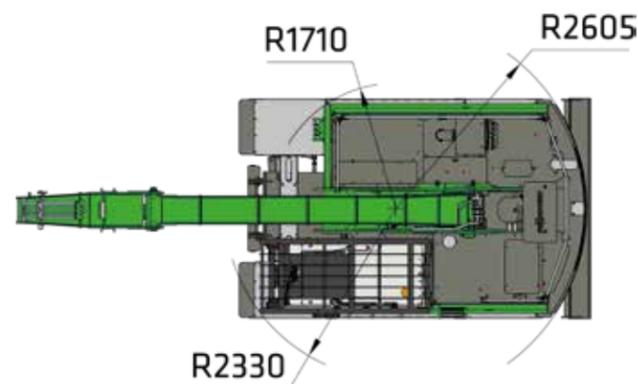
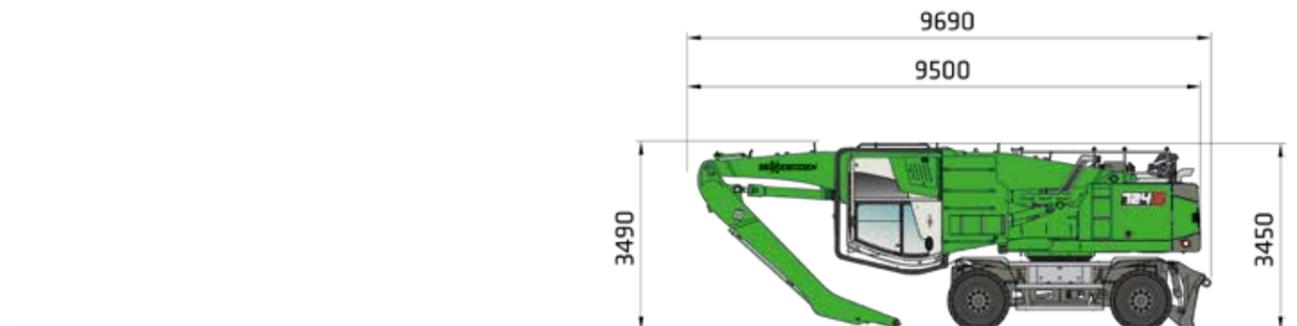
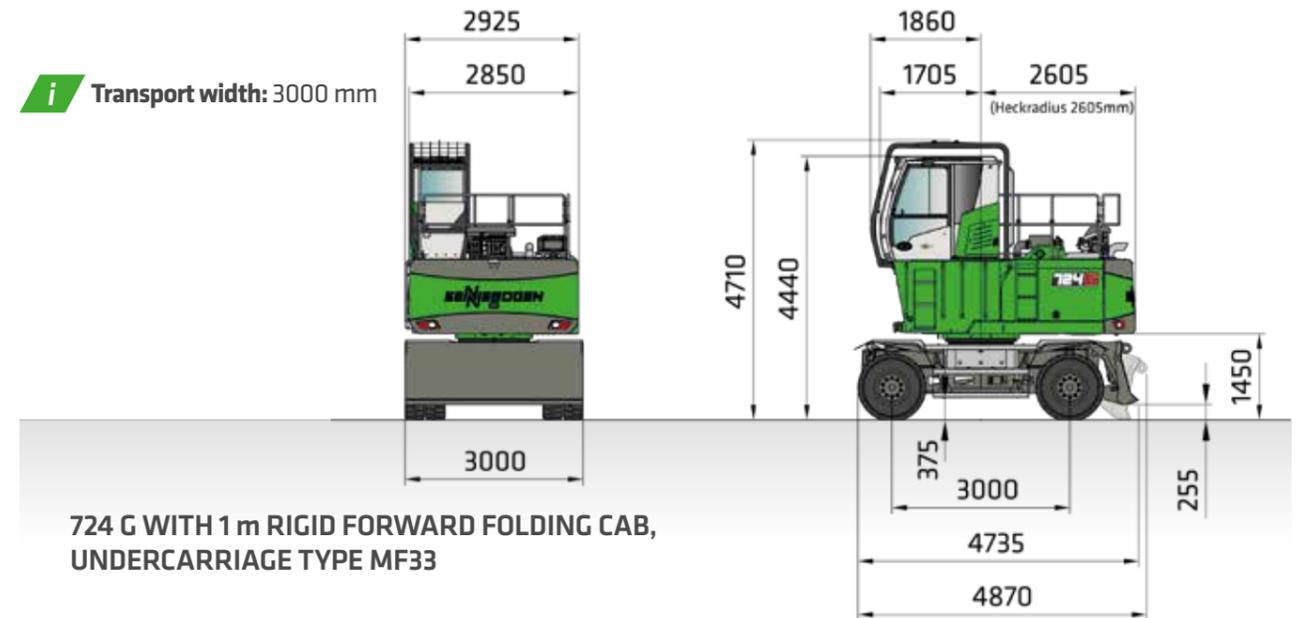


Machine shown in mirror image

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20240226123522

**Notes:**  
All load ratings are given in tons (t) brought to bear at the end of the stick without equipment on stable, firm and level ground. Equipment such as grippers, load hooks, etc. are part of the specified load ratings. The values given are valid for stationary use with a work area of 360°, on wheels, without support and with blocked pendulum axles. The values in brackets [ ] are valid for stationary use with an uppercarriage as long as the undercarriage, on wheels, without support and with blocked pendulum axles. In line with ISO 10567, they amount to 75 % of the static tipping load or 87 % of the hydraulic lifting force. The values in brackets ( ) are valid for travel drive with an uppercarriage as long as the undercarriage, on wheels, without support, and on wheels with active pendulum axles. In line with DIN EN 474-5, they amount to 60 % of the static tipping load. If the machine is being used in stationary mode for lifting applications, as per DIN EN 4745, it must be fitted with pipe fracture safety devices on the boom lifting cylinders and an overload warning device.

# DIMENSIONS



Dimensions in [mm]

Subject to technical changes.



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Telehandler 4-6 t	Balancer 130-300 t	Material handler 17-420 t	Duty cycle crane 30-300 t	Crawler crane 50-200 t	Telescopic crane 16-200 t	Port crane 300 t
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