

SENEBOGEN

730E

TIMBER PICK & CARRY MACHINE

WITH UP TO
10 m STACKING HEIGHT



186 kW



34,1t



11m



MAX CAB

Stage V

730E

The Stacking Pro.

The pick-and-carry specialist optimizes operations in the log yard and sawmill. With a stacking height of up to 10 meters, the 730 E handles every challenge—ensuring maximum space utilization and efficient log logistics for your business.

Precision-engineered machine concept

With its stable construction and excellent all-around view from the cab, the 730 E is perfectly designed for use in sawmills. This well-thought-out machine architecture meets all performance and safety requirements in demanding work environments.

Flexibility

The 730 E is universally suited for all tasks in the log yard and sawmill—from loading and unloading trailers to precisely retrieving logs from sorting boxes. With its versatility and power, it handles every challenge in timber logistics with ease.

Cost-effectiveness

EcoMode, idle control, and start-stop automation—this machine helps you unlock significant savings in your operation.

Safety at work

Non-slip steps and sturdy handrails ensure the highest standard of workplace safety.

Efficient log yard management

With the 360-degree rotating upper carriage, the compact swing radius, and the automatic detection of steering and driving directions, maneuvering is effortless even in narrow log piles. This allows the available space to be used even more efficiently.



THE CONCEPT.

We rely on proven concepts and intelligent solutions: the 730 E impresses with its well-thought-out design, making it an all-rounder in timber handling.

EFFECTIVE DESIGN.

The center of gravity of the material handler is near the center of the slewing ring. The boom linkage is mounted behind the machine in the middle, meaning that the weight of the machine is distributed perfectly and a small rear ballast is sufficient as compensation.

CLEAR CAB VIEW

The rear-linked boom arm gives the driver a clear view on all sides. The rigid cab elevation ensures an optimal view from the cab – even when working on high stacks.

STABILITY

The 730 E moves safely even on challenging terrain, uphill gradients or on difficult ground thanks to its eight tires. Front and rear support plates offer additional stability when handling large loads.

ROBUSTNESS

The 730 E is equipped with a robust mobile undercarriage, strong special axles and an all-wheel travel drive. The ideal prerequisite for Pick & Carry operation, including hydraulically braked trailers.

THE SAWMILL THEIR HOME

01 DELIVERY

02 SUPPLYING THE PLANT

04 LOG YARD

03 PICKING AT THE
SORTING LINE

The **PICK & CARRY TIMBER MACHINE** offers the ideal solution **FOR EVERY PROCESS STEP** at the log yard



01 LOADING AND UNLOADING TRAILERS

High load capacities – for more efficient loading and unloading of trailers and wagons.



02 FEEDING THE DEBARKER

Fast work cycles enable rapid supply of the feed table.



03 BOX REMOVAL AT THE SORTING LINE

Thanks to the slewing uppercarriage and automatic direction of travel switching, turning maneuvers are no longer necessary.



04 STACKING AT THE LOG YARD

Clear cab view, 360° endlessly rotatable uppercarriage and compact dimensions – also suitable for narrow spaces between stacks.

AN INVESTMENT THAT PAYS OFF.

The durability and reliability of the SENNEBOGEN Green Line is based on decades of experience in the design of high-quality crane and material handling technology. Thanks to their robust design and state-of-the-art technical standards, our timber machines offer product life cycles that set new standards on the market.



Durable and robust in extreme weather and harsh operating conditions, works equally well in the cold of the Arctic Circle or the heat of Dubai.



Manageable and service-friendly technology for maximum machine availability.



Consistent performance thanks to robust steel construction, and high-quality drive and control components from renowned manufacturers.



The intelligent design ensures a low dead weight of the machine, resulting in reduced diesel consumption.



With good maintenance, more than 25,000 operating hours possible in demanding continuous operation.



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



Advanced. The E-series.



LONG SERVICE LIFE, HIGH VALUE RETENTION

- Reliable and powerful thanks to its robust construction and high-quality components.
- Temperature-controlled cooling system, designed and tested for heavy-duty applications and high ambient temperature

SOPHISTICATED, STATE-OF-THE-ART TECHNOLOGY

- In the 5th generation – decades of experience in designing and constructing material handlers

SIMPLE TO MAINTAIN AND SERVICE

- Technology that can be mastered and no over-engineering
- Ideal easy accessibility to all components for easy maintenance.

ENVIRONMENTALLY-FRIENDLY DRIVE TECHNOLOGY

- State-of-the-art engine, drive and emission systems in line with the latest technology standards (stage V)
- Large-scale pipes and valves for maximum efficiency

SAFETY FIRST.

Special features ensure safe machine use in dynamic timber handling – to protect the operator and your business.



All-round protective grating on the cab

Additional safety thanks to a robust all-round protective grating especially for use with timber

Clear cab view

Rear-hinged boom provides clear cab view on both sides

Safe ascent and robust handles

Specially developed handles and non-slip treads ensure a high level of occupational safety

Powerful LED-spotlights

for optimal illumination of the work area

Side sliding door

Easier access to the cab thanks to simple operation of the side cabin doors

Optimal camera monitoring

of all safety-relevant areas*

MAXIMUM COMFORT.

Everything in view

The spacious cab provides an all-round view, allowing you to comfortably see your entire working area. The windshield of the cab runs right through to the floor panel so that the view to the front is unrestricted. Together with the two large side windows, a panoramic view of the entire working environment is created.

Pleasant indoor climate

Whether in warmer areas or in sub-zero temperatures: Thanks to automatic heating/air conditioning, you can enter a comfortable, temperature-controlled workplace every day and concentrate on what's important at work.

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.

For your health

Operators spend many hours in their working position. The back-friendly comfort seat, adjustable armrests, joysticks that sit comfortably in the hand, and the optimally arranged controls make daily work as easy as possible.

“Particularly in dynamic timber handling, it is important to have an unobstructed view and to keep a cool head.”

MATTHIAS ÜBELACKER,
Director of Business Unit
Wood & Paper



STANDARD
EQUIPMENT

PROFESSIONAL FLEET MANAGEMENT

SENtrack

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, preventive maintenance can be arranged.

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.

"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.**"

3. Improve productivity

With just a few clicks, you can identify and optimize machine capacity, analyze routes if required and thus make your log yard 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.



MAINTENANCE AND SERVICE.

KEEP IT SIMPLE. WITH MANAGEABLE TECHNOLOGY.



Reliable and practical technology makes life easier. We rely on hydraulics, electrics and electronics only where they provide the greatest benefit.



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



The most important components, such as the accumulator module or the electrical distributor, are all easily accessible from a central point for straightforward checking and troubleshooting.



The SENCON control system supports you with diagnostics and makes troubleshooting easier. So your machine is back in action more quickly.



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

TECHNICAL DATA, EQUIPMENT

MACHINE TYPE

MODEL (TYPE) 730

ENGINE

TYPE	Stufe V: Cummins B 6.7 FR95885 Motor-Nennleistung: 168 kW/2200 rpm Betriebspunkt Standard: 186 kW/2000 rpm Betriebspunkt ECO: 188 kW/1850 rpm Stufe IIIa: Cummins QSB 6.7 FR96045 Motor-Nennleistung: 164kW/2000 rpm Betriebspunkt Standard: 164kW/2000 rpm Betriebspunkt ECO: 170kW/1850 rpm Direct injection, turbocharged, inter-cooling, reduced emissions, Eco mode (1800 rpm), automatic idling, automatic stop after 5 minutes, fuel pre-heating
COOLING	water-cooled, radiator fan with automatic rotation direction switching in the interval
FUEL FILTER	including electric (24V) heated water separator
AIR FILTER	Dry filter with integrated pre-separator, automatic dust discharge, contamination indicator
FUEL	450 l
ADBLUE	45 l
ELECTRICAL SYSTEM	24 V
BATTERIES	2 x 150 Ah
OPTIONS	Engine coolant pre-heating Electric fuel pump Jump start pole Fire extinguishing system Battery pre-heating Additional cyclone pre-separator during increased dust load

UPPERCARRIAGE

DESIGN	Torsion-resistant box design, precision crafted, steel bushings for boom mountings. Service-friendly design, engine installed in the longitudinal direction
CENTRAL LUBRICATION	Automatic central lubrication for work equipment and live ring track
ELECTRICAL SYSTEM	Central electrical distributor, battery disconnect switch
COOLING SYSTEM	3-circuit cooling system with high cooling output, thermostatically controlled fan drive for oil and water cooler, automatic rotation reversal of the cooler fan for cleaning the cooler
SAFETY	Peripheral uppercarriage railing, screw-on, for transport height 1100 mm Emergency control to ensure machine availability in restricted operation by bypassing the main functions
OPTIONS	Slew brake via foot pedal LED lighting package Electrical hydraulic tank preheating Low temperature package Steering wheel control 2 LED headlights instead of H4 mounted headlights on the front side of the upper-carriage

Optional: Lighting packages with LEDs; example of lighting on the stick



TECHNICAL DATE, EQUIPMENT

HYDRAULIC SYSTEM / HYDRAULICS

Load-sensing/ LDUV hydraulic system, hydraulic pilot-controlled work functions, load limit control	
DELIVERY RATE	max. 740 l / min
OPERATING PRESSURE	up to 350 bar
FILTRATION	High-performance filtration with long change interval
HYDRAULIC TANK	390 l
CONTROL SYSTEM	Proportional, precision hydraulic control of the movements, 2 servo joysticks for work functions, additional functions via switches and foot pedals
SAFETY	Hydraulic circuits safeguarded with safety valves Secured emergency lowering of the equipment when the engine is at a standstill
OPTIONS	Bio-oil filling SENNEBOGEN HydroClean micro-filter system (3 µm) with water separator ToolControl for programming pressure/ quantity for up to 10 tools 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-loaded multi-disk brake
SLEWING RING	Externally geared slewing ring with 360° protection and pinion lubrication
SLEWING SPEED	0-7 rpm, variable

CAB

CAB TYPE	Rigid 1 m cab elevation
CAB FEATURES	Automatic heating/air conditioning with central control unit, SENNEBOGEN SENCON control and diagnostic system, sliding door, excellent ergonomics, seat heating, air-sprung comfort seat, fresh air/recirculated air filter, joystick steering, 12 V / 24 V connections, SENCON
OPTIONS	Rigid 1.50 m cab elevation Rigid 2,0 m cab elevation E270 cab adjustment Hydraulically folding rigid cab elevation Platform next to the cab Auxillary heating system with timer Activated carbon filter Steering wheel control, height-adjustable Active seat climate control Bullet proof windshield Bullet proof skylight Side and rear windows made of safety glass Comfort Audio System Sunblind for skylight and windshield Windscreen wipers for skylights and lower windshield Radio with USB port, MP3 and Bluetooth® functions Active seat climate control Cover for cab seat Special assignment of joysticks and pedals Cooler box behind the operator's seat (electric)

Optionaö: SENNEBOGEN Comfort Audio System



TECHNICAL DATA, EQUIPMENT

EQUIPMENT



MAXIMUM REACH	Serie: K11 (11m)
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
CENTRAL LUB-RICATION	Automatic central lubrication system
OPTIONS	- Ball valves in the hydraulic lines - K12 handling equipment - Load stabilizer to dampen the load/ equipment vibrations - Bar graph pressure display (lift cylinder) in SENCON

UNDERCARRIAGE



DESIGN	Sturdy welded construction in box design, type MF37E without support
DRIVE CON-CEPT	All-wheel drive powered by two direct-mounted variable-displacement hydraulic engines incl. automatically operated brake valve. Strong planetary axles with integrated steering cylinders in the front and rear axles, drum brakes in the 2-circuit system, automatic driving/steering direction switching via area sensor and additionally selectable via button on joystick with visual display
BRAKE	Speed-monitored disc brake with hill start assistance
TIRES	14,00-24, 8 air, Trelleborg T-900
SPEED	0 - 20 km/h variable
OPTIONEN	- Hydraulic trailer preparations - Fenders, galvanized - Support plates front/rear - Tire pressure monitoring system

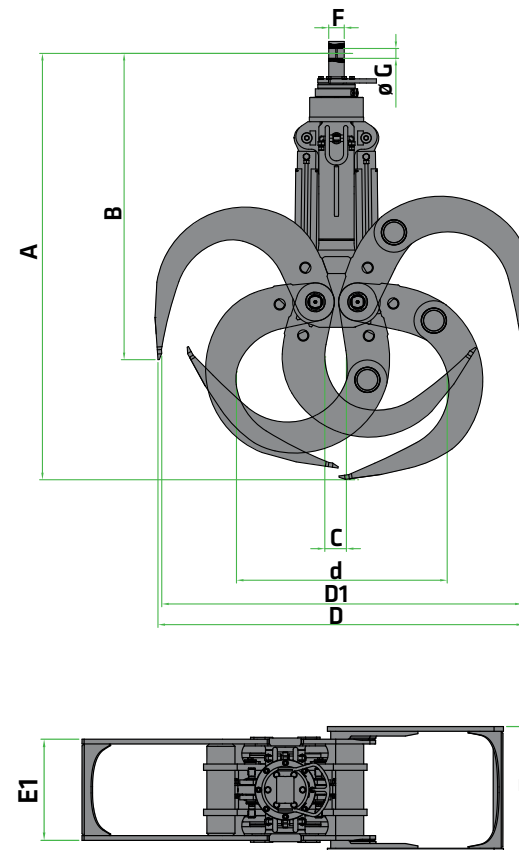
OPERATING WEIGHT



WEIGHT	Approx. 34.100 kg basic modell 730 M with support plates, including 2.0 m ² grab
NOTE	Operating weight varies by model and equipment. Subject to technical changes!

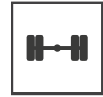


THE RIGHT TIMBER GRAB FOR EVERY EQUIPMENT

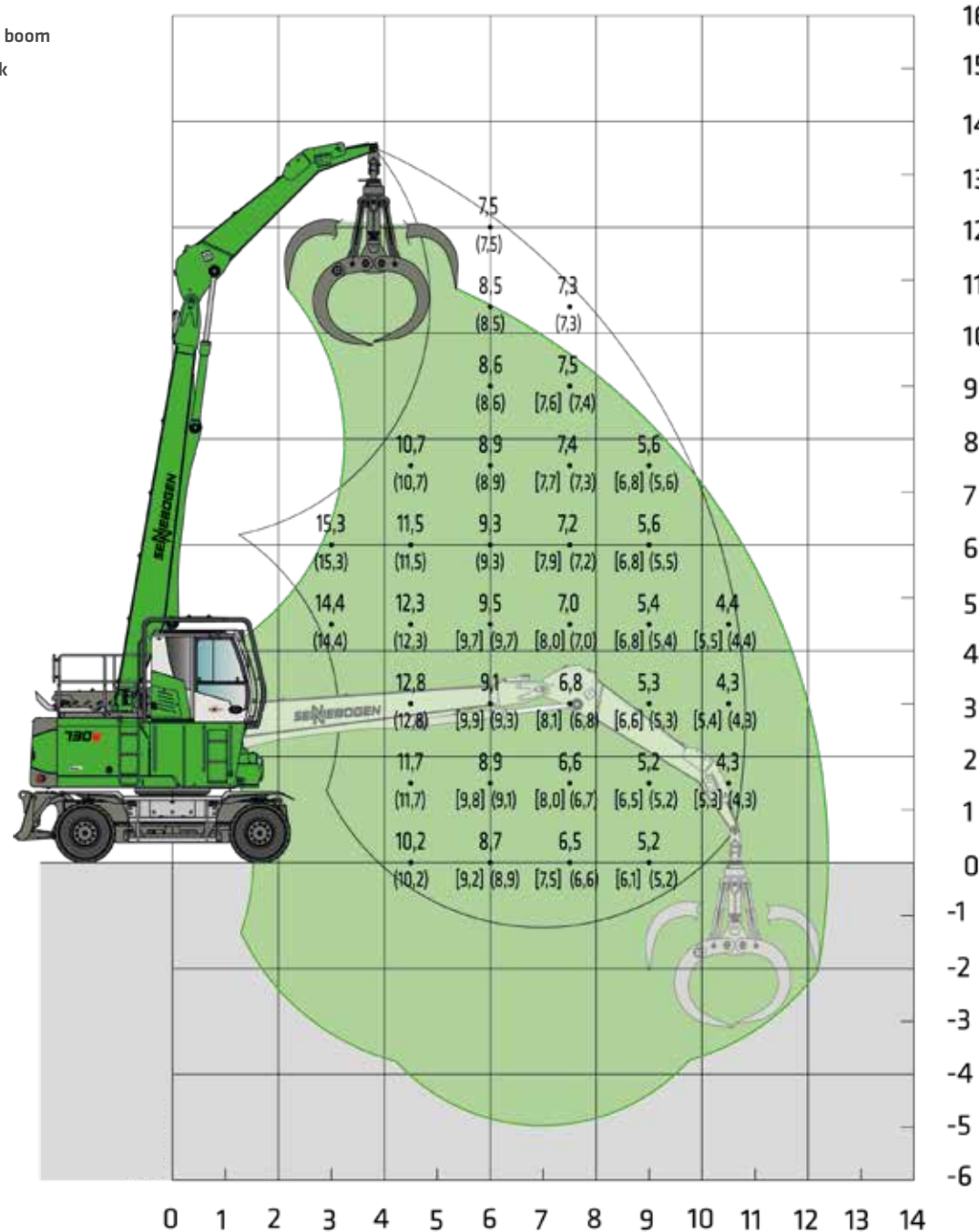


TYPE / SIZE	GRAB CAPACITY	WEIGHT ¹⁾	DIMENSIONS (mm)										LOG LENGTH
SGH	m ²	kg	A	B	C	D	D1	d	E	E1	F	G	m
1000.32	1,00	1820	2950	2170	150	2520	2410	1375	800	640	110	70	6,0
1250.32	1,25	1860	3020	2170	110	2665	2555	1510	800	640	110	70	6,0
1500.32	1,50	1905	3165	2220	120	2980	2850	1630	800	640	110	70	5,0
1750.32	1,75	1975	3315	2245	120	3280	3145	1700	800	620	110	70	5,0

LOAD RATINGS K11



MF37

MAXCAB
1 m rigid elevation8,2 m compact boom
4,7 m grab stick

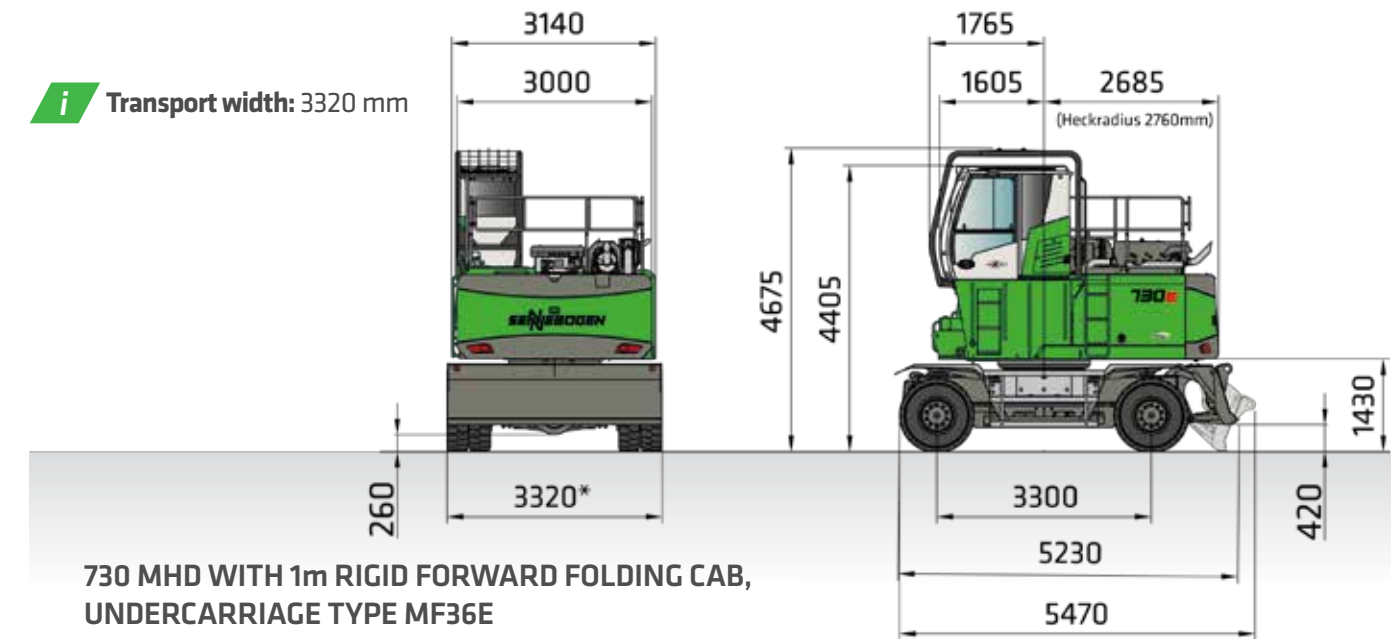
Notes:

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.

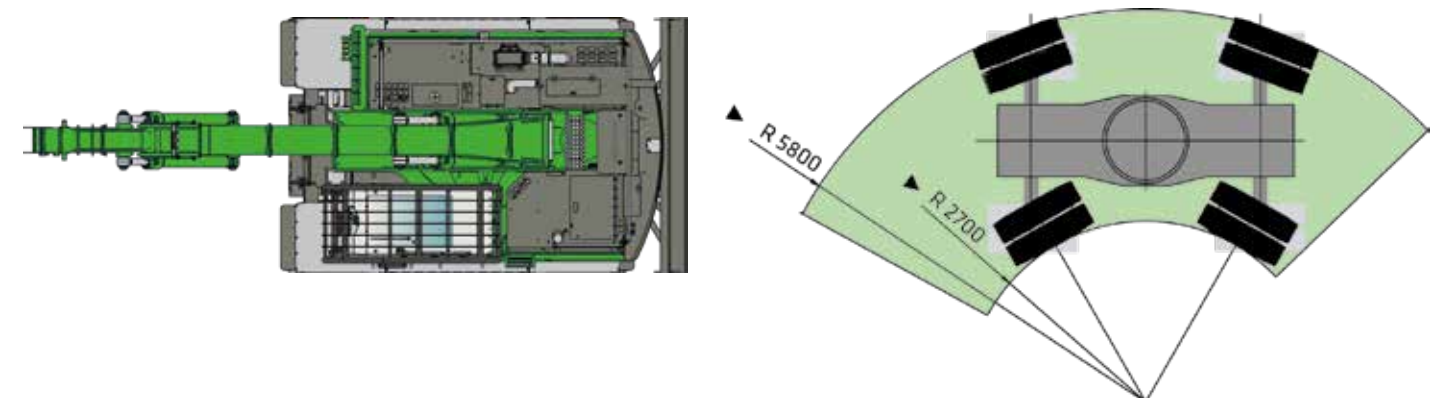
DIMENSIONS



Transport width: 3320 mm



730 MHD DIMENSIONS FOR TRANSPORT



730 M SWING RADIUS

730 M TURNING RADIUS

Dimensions in [mm]

Subject to technical changes.



Pick & Carry machine with trailer



SENNEBOGEN ACADEMY

Anxious to expand knowledge as success is based on knowledge. In the SENNEBOGEN Academy we place great importance on ensuring knowledge flows powerfully.

➔ www.sennebogen-academy.com



SERVICE AND MAINTENANCE

Comprehensive customer service. And supply of spare parts. Service is a TOP priority for us.

➔ www.sennebogen.com/kundendienst



SENtrack

Manage your fleet efficiently with SENtrack: Use information that would otherwise stay hidden and increase your efficiency.

➔ www.sennebogen.com/de/sentrack



RENTAL & USED

Discover the unique range of rental machines available from SENNEBOGEN Rental & Used. Rental machines can be found here:

➔ www.sennebogen-rental-used.com

JOIN OUR OPERATORS' CLUB

The spotlight is on you and your machine! We focus on exclusive information, sharing experiences with other SENNEBOGEN operators as well as fun and enthusiasm.

All benefits here ➔ www.sennebogen.com/operators-club



MOVE BIG THINGS – WITH US!



over **73**
years of
experience

100%
family company

over **2200**
experienced
specialists worldwide

5
production plants
in Germany

over **180**
sales and service partners
worldwide

27
different material
handlers



Telehandler
4.0-6.0 t

Balancer
130-300 t

Material handler
17-420 t

Duty cycle crane
13.5-300 t

Crawler crane
50-200 t

Telescopic crane
16-200 t

Port crane
300 t

This catalog describes machine models, the scope of equipment of individual models, and configuration options (standard equipment and optional equipment) of the machines delivered by SENNEBOGEN Maschinenfabrik GmbH. Machine illustrations may contain optional and supplementary equipment. Actual equipment may vary depending on the country to which the machines are delivered, especially in regard to standard and optional equipment. All product designations used may be trademarks of SENNEBOGEN Maschinenfabrik GmbH or other supplying companies, and any use by third parties for their own purposes may violate the rights of the owners.

Please contact your local SENNEBOGEN sales partner for information concerning the equipment variants offered. Requested performance characteristics are only binding if they are expressly stipulated upon conclusion of the contract. Delivery options and technical features are subject to change. All information is supplied without liability. Equipment is subject to change, and rights of advancement are reserved. © SENNEBOGEN Maschinenfabrik GmbH, Straubing, Germany. Reproduction in whole or in part only with written consent of SENNEBOGEN Maschinenfabrik GmbH, Straubing, Germany.



SENNEBOGEN
Maschinenfabrik GmbH
Hebbelstrasse 30
94315 Straubing, Germany

 www.sennebogen.com

MOVE BIG THINGS

SALES SENNEBOGEN

Green Line Sales

 +49 (0) 9421 / 540 - 146

 materialhandling@sennebogen.de

SPARE PARTS CENTER

Spare parts orders

 spareparts@sennebogen.de

AFTER SALES

Technical support

 service@sennebogen.de