

# SENJEBOGEN













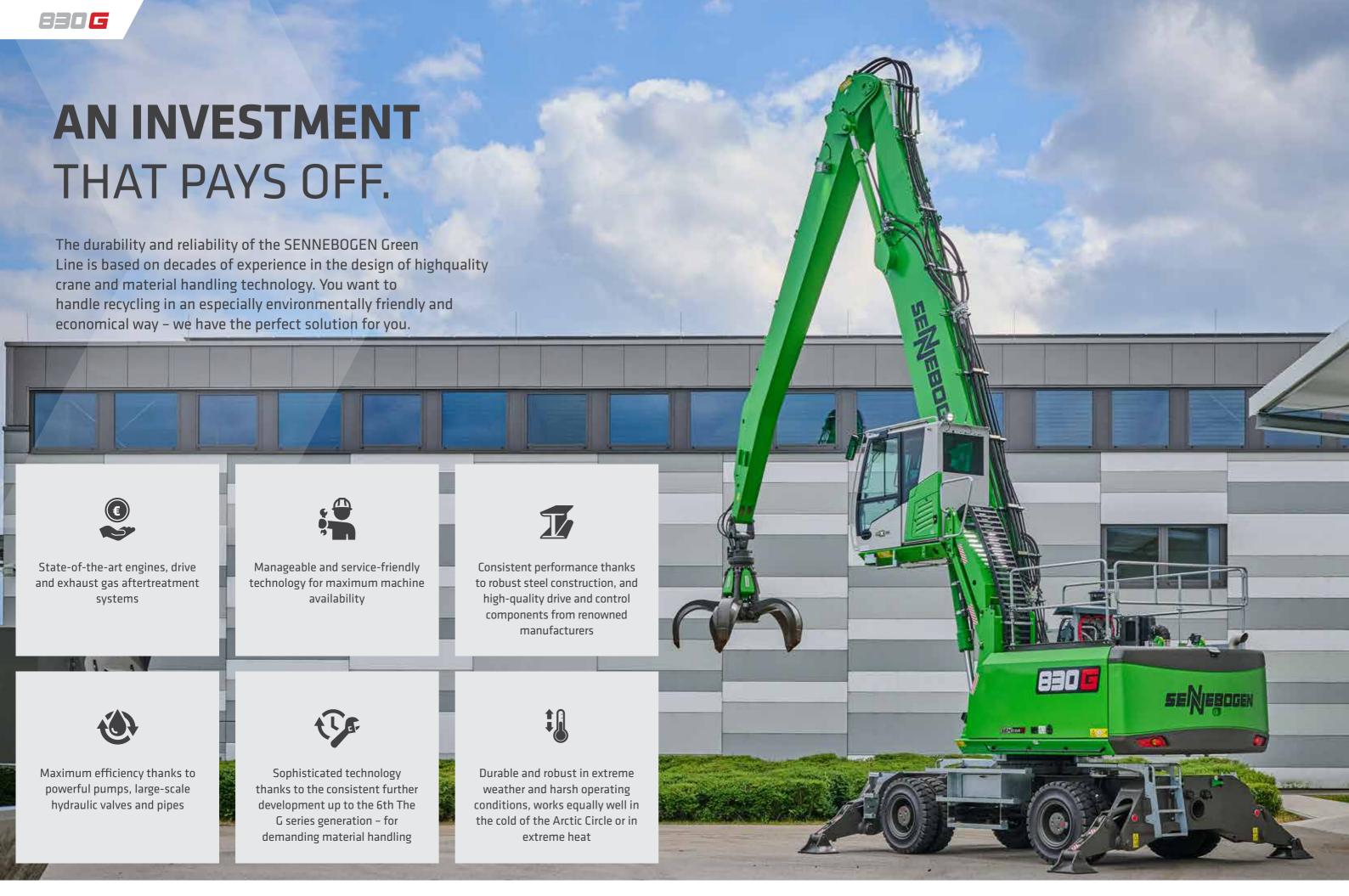


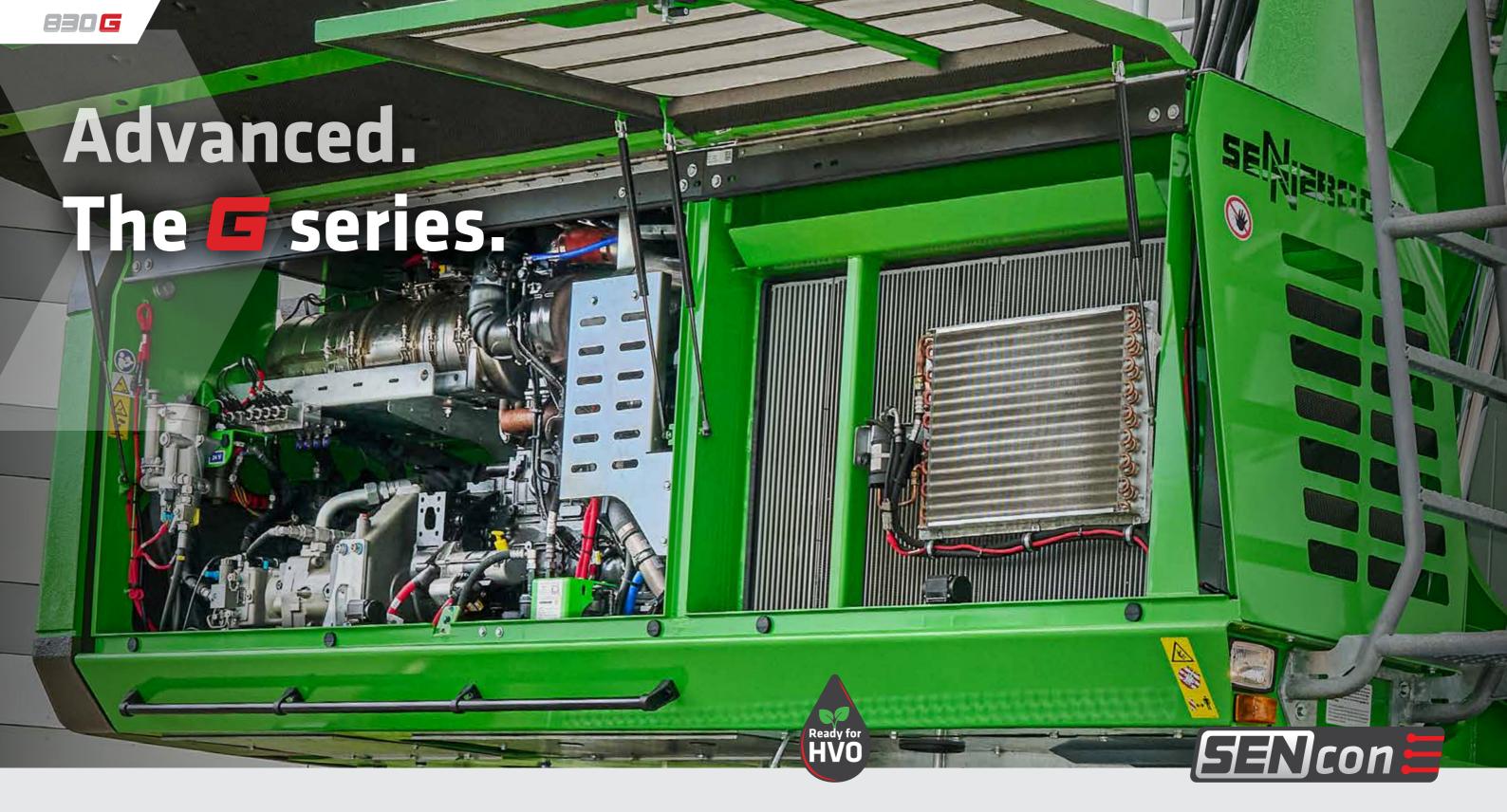












#### **LONG SERVICE LIFE, HIGH VALUE RETENTION**

- 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 temperatures

# SOPHISTICATED, STATE-OF-THE-ART TECHNOLOGY

- Consistent design for demanding material handling
- Increased efficiency thanks to multi-circuit hydraulics, optimized hose and pipe routing

# ENVIRONMENTALLY FRIENDLY DRIVE TECHNOLOGY

- State-of-the-art engine, drive and emission systems in line with the latest technology (stage V)
- Refueling with alternative fuel HVO possible

#### SIMPLE TO MAINTAIN AND SERVICE

- Fewer service operations on site thanks to SENcon remote diagnostics
- Ideal accessibility to all clearly labeled components for easy maintenance





# Best all-round visibility with maximum safety

Panoramic view thanks to continuous glass surfaces, bulletproof glass panel at the front, viewing height of 5.80 m

# Pipe fracture safety in series production

Load holding valve for optimum work safety

# **SENtrack**

Maintain fleet management safety by monitoring the condition of your machines

# Powerful LED spotlights

for optimum illumination of the work area

# Ergonomic working conditions

Daily service and refueling from the ground

# Optimal camera monitoring

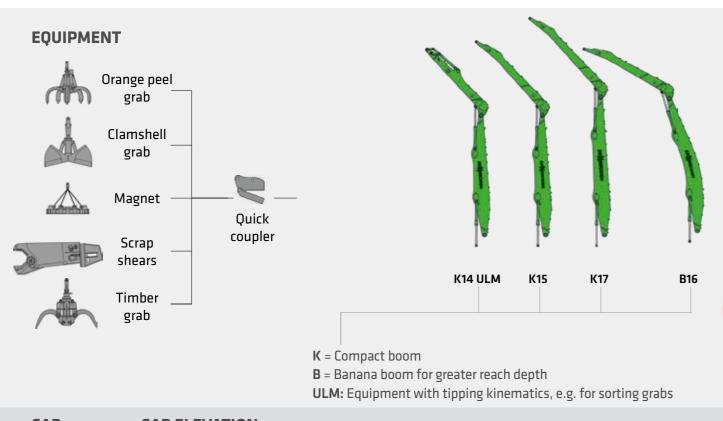
of all safety-relevant areas\*

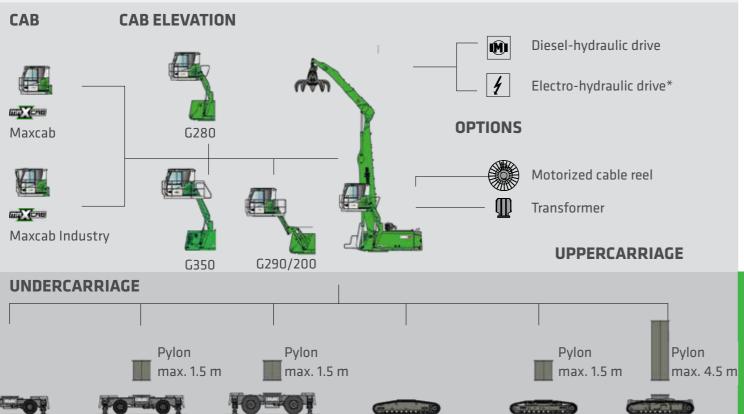


<sup>\*</sup> Cameras are installed as standard on the right-hand side and to monitor the rear area. Additional cameras, e.g. on the stick, are available on request.



# A MODULAR DESIGN. **NUMEROUS APPLICATIONS.**





R35/340

# WHAT DOES YOUR MACHINE LOOK LIKE?

Configure your individual machine from our modular system. The great variety of solutions that we can implement in this way is unique anywhere in the world.



## **CUSTOM CONFIGURATION**

More than 16.000 unique material handling solutions can be delivered through SENNEBOGEN's modular machine design - watch the video now!



www.sennebogen.com/versatility

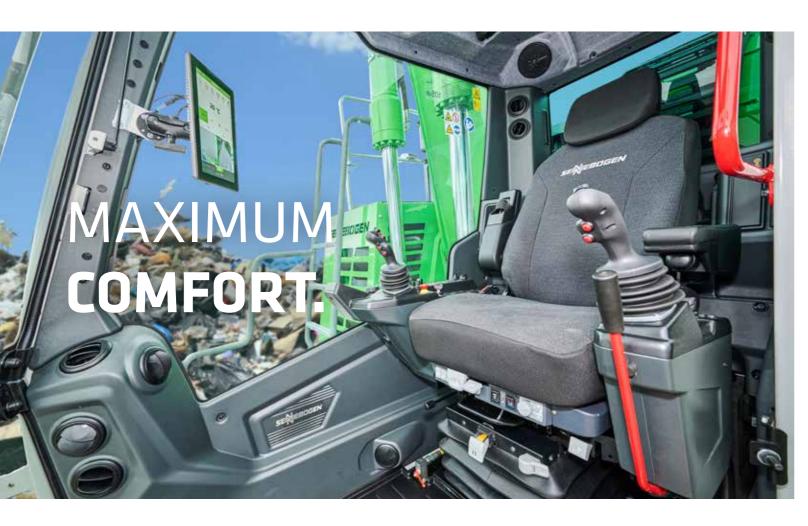
MP41

MP34

T41/380

R44/380





## 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.

### **✓** 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.

### 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.

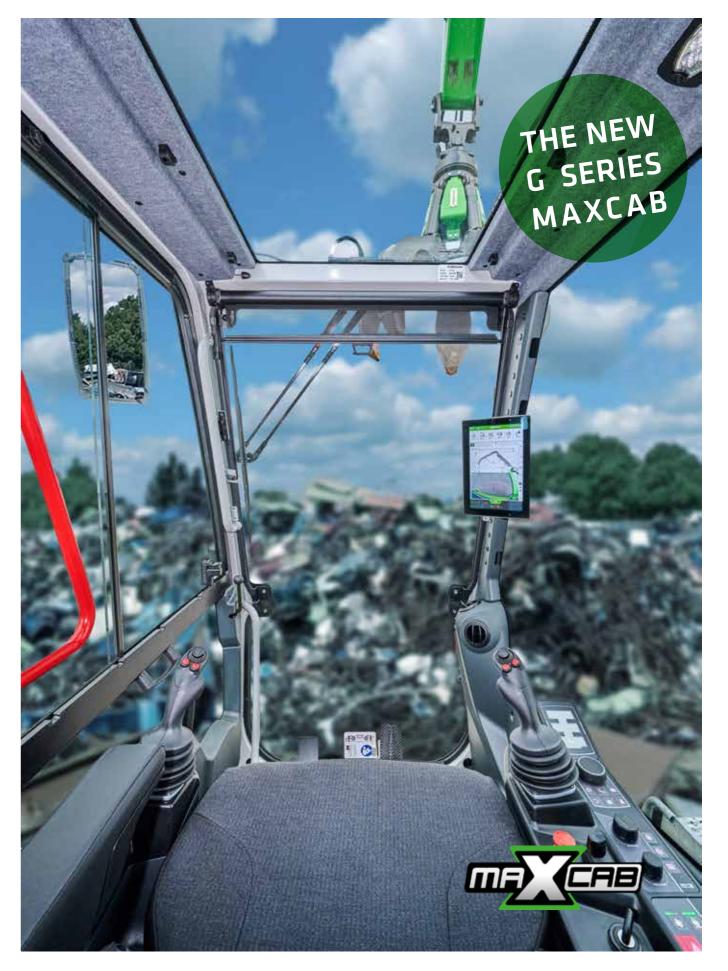
#### Individual operator profiles Easy control

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

#### 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.

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.





# **SEN**con 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>3</sub> footprint of the machine.

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

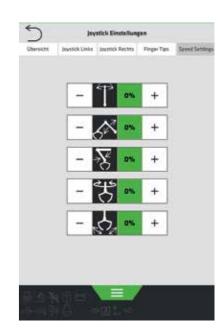
- ✓ Quickly setup & access to comprehensive driver profiles
- Integrated safety systems (e.g. work area limitation)
- Safe machine movements thanks to semi-autonomous movements
- Preparation for remote control and fully automated operation movements



#### 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 touch display

Machine

830

#### 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
- Optimization of machines in use: simple and effective





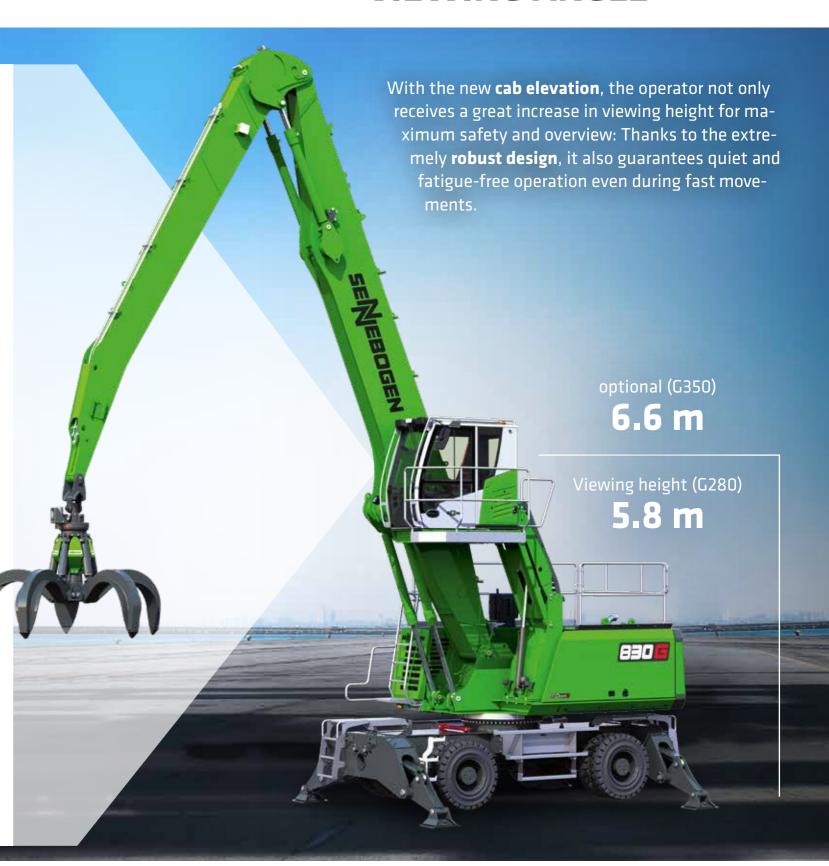


# **CAB** HIGHLIGHTS



IN SERIES	Maxcab	Maxcab Industry	
ENTRANCE	Sliding door incl. sliding window	Sliding door incl. sliding window	
WINDSHIELD	Optimal field of vision	Undivided windshield made from bullet proof glass, rigidly glazed	
RIGHT SIDE WINDOW PANE	Laminated safety glass	Laminated safety glass	
SKYLIGHT	Bulletproof skylight	Bulletproof skylight	
PLATFORM	Platform with railing for safe access	Platform with railing for safe access	
	-	Wipers for skylight	
WIPERS	Wiper and washer system for front windshield	Wiper and washer system for front windshield	
AIR CONDITIONER	Automatic climate control with fresh air and recirculating air filter	Automatic climate control with fresh a and recirculating air filter	
FLOODLIGHTS	Powerful LEDs, integrated in the roof	Powerful LEDs, integrated in the roof	
DAB-ENABLED RADIO	✓	✓	
SENCON CONTROL AND DIAGNOSTIC SYSTEM	✓	✓	
OPTIONS			
SKYLIGHT	Wipers for skylight	-	
RADIO	DAB, with Bluetooth®- function, hands-free system	DAB, with Bluetooth®- function, hands-free system	
AIR-CONDITIONED SEAT	✓	✓	
PROTECTIVE VENTILATION SYSTEM	✓	✓	
COOLING BOX BEHIND THE OPERATOR'S SEAT	✓	✓	
PROTECTIVE GRILLE ON SKYLIGHT AND WINDSHIELD	✓	✓	
SUN PROTECTION PACKAGE	✓	✓	

# ALWAYS THE RIGHT **VIEWING ANGLE**







#### 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.

"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!"

## 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.



# 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 costeffective 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

MODEL (TYPE) 830 G

DIESEL ENGINE

## TYPE Stage V: Cummins B6.7 - C2601

Rated power: 168 kW/2200 rpm Operating point standard: 186 kW/2000 rpm Operating point ECO: 181 kW/1500 rpm Automatic idle/stop water-cooled, charge air cooling, coolant

DISPLACE-6.7 I MENT

NUMBER OF **CYLINDERS** 

**BATTERIES** 2 x 150 Ah ELECTRICAL 24 V

SYSTEM

COOLING

OPTIONS Engine block heater

Electric fuel pump

Cyclone pre-separator for use with highdust loads

## TANK CAPACITIES

UPPERCARRIAGE ==				
DESIGN	Torsion-resistant box design, 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			
OPTIONS	LED lighting package  Fire extinguisher			
	Low temperature packages			
	Electrical hydraulic tank preheating			
	Magnet generator 15/20 kW			
	Additional ballast 0.7 t			
	Comprehensive uppercarriage railings			
	Warning beacons and alarm horns			

Compressor for cleaning the machine

FUEL	450 l
AD BLUE	45 l
HYDRAULIC TANK	380
HYDRAULIC OIL	SENIube HYDRO D46
COOLANT	approx. 50 l
ENGINE OIL	approx. 23 l Shell Rimula R5 LE 10W-30
CENTRAL LUBRICATION SYSTEM	Automatic central lubrication for equip- ment and slewing ring, display of fault and empty message via SENcon



Subject to technical changes. Additional options available upon request.

<sup>1</sup> incl. exhaust gas aftertreatment (diesel particulate filter, SCR catalytic converter, AdBlue tank)

# TECHNICAL DATA, EQUIPMENT

lics	/ LUDV hydraulic system, multi-circuit hydrau
DELIVERY RATE	700 I/min
OPERATING PRESSURE	up to 350 bar
LOAD LIMIT CONTROL	Optimized load limit control; in order to use the best possible operating point of the diesel engine at all times, even under full load
CONTROL SYSTEM	roportional, precision electrical control of work movements, 2 electric joysticks for work functions, additional functions via switches and foot pedals
SAFETY	Pipe-fracture safety valve for stick and compact boom
OPTIONS	Tool Control for programming pressure/ rate of up to 10 tools
	Load torque warning with capacity display
	Overload safeguard with shutdown
	SENNEBOGEN HydroClean micro-filter system (3 µm) with water separator
	Bio-oil filling
	Supplementary hydraulic circuit for hydraulic packages
	Hydraulic oil SENIube HYDRO POLAR for

CAB <sup>2</sup>		
CAB TYPE	Maxcab, 2.8 m elevation	
CAB FEATURES	Sliding door incl. sliding window, vibration-damped, tinted safety glass, 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	Maxcab Industry, continuous bulletproof glass pane	
	Protective roof guard, FOPS if applicable	
	Protective front guard	
	Active carbon filter for outside air	
	Auxiliary heating system	
	Air-conditioned comfort operator's seat	
	Radio (DAB), with Bluetooth® function, hands-free system	
	Multifunctional armrests	
	Protective ventilation system	
	Steering wheel control	
	30° tiltable cab	
	Sun protection packages	

SLEWING DRIVE				
GEARBOX	Compact planetary gear with bent-axis hydraulic engine, integrated brake valves			
PARKING BRAKE	Spring-loaded, hydraulically ventilated multi-disk safety brake			
SLEWING RING	Externally toothed, with pinion lubrication			
SLEWING SPEED	0-8 rpm, variable			
TORQUE	91 kNm			

up to -30°C surrounding temperature





# TECHNICAL DATA, EQUIPMENT

#### MOBILE UNDERCARRIAGE

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MP30 mobile undercarriage with integrated 4-point outrigger, 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 and 2-stage powershift transmission, planetary axles with integrated steering cylinders, service brake with 2-circuit system, multidisc brake as parking brake

TIRE TYPE	8 x 12.00-20
BRAKES	hydraulic
TRAVEL SPEED	Stage 1: 0-5.4 km/h Stage 2: 0-20 km/h
OPTIONS	Tires: 8 x 12.00-24 for MP41
	Support plate
	Undercarriage MP41
	Undercarriage MP34

EQUIPMENT	
CYLINDERS	Hydraulic cylinders with high-quality sealing and guide elements, end position damping, sealed mounting points
RANGE	up to 17 m
OPTIONS	Adjustable height and radius limitation
	LED lighting
	Stick mounted camera
	Equipment type "ULM" with tipping kinematics
	Equipment type "Banana" for greater reach depth
	Boom damping

#### CRAWLER UNDERCARRIAGE



R35/340 crawler undercarriage in stable, torsionally rigid box construction, mechanically telescopic, with hydraulic travel drive on each undercarriage side by means of an axial piston motor via compact planetary gearbox integrated in the undercarriage frame, spring-loaded, hydraulically released multi-disc brake as parking brake

TRAVEL SPEED	Stage 1: 0-1.7 km/h Stage 2: 0-3.5 km/h
OPTIONS	Hydraulically telescopic crawler undercarriage T41/380
Sı	Up to 1.5 m pylon for T41
	Special undercarriage R44/380 for up to 4.5 m pylon

OPERATING WEIGHT			
MASS	<u>Mobile</u>		
<b>40.1 t</b> with MP30 and K17 incl. attachme			
<u>Crawler</u>			
	<b>41.3 t</b> with R35/340 and K17 incl. attachment		
NOTE	Operating weight varies by model and equipment.		





# LOAD RATINGS K15 (MOBILE)



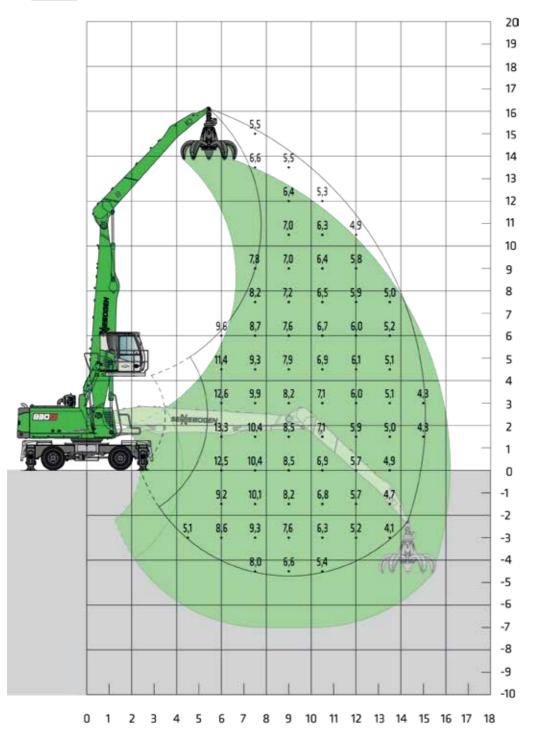
**MP30** 



2.80 m elevating (G280)



8.5 m boom 7.0 m grab stick



Machine shown in mirror image

All load ratings are given in tons (t) brought to bear at the end of the stick, without tools on firm level ground. Working tools such as grab, magnet, load hook, etc. are included in the specified load ratings. The stated values are 75 % of the static tipping load or 87 % of the hydraulic lifting force according to ISO10567. According to EU standard EN 474/5, hydraulic material handlers used for hoisting must be equipped with a pipe rupture safety device on lifting and stick cylinders and an overload warning device. Load ratings apply to a machine with 4-point outrigger and for 360° slewing.

# LOAD RATINGS K17 (MOBILE)



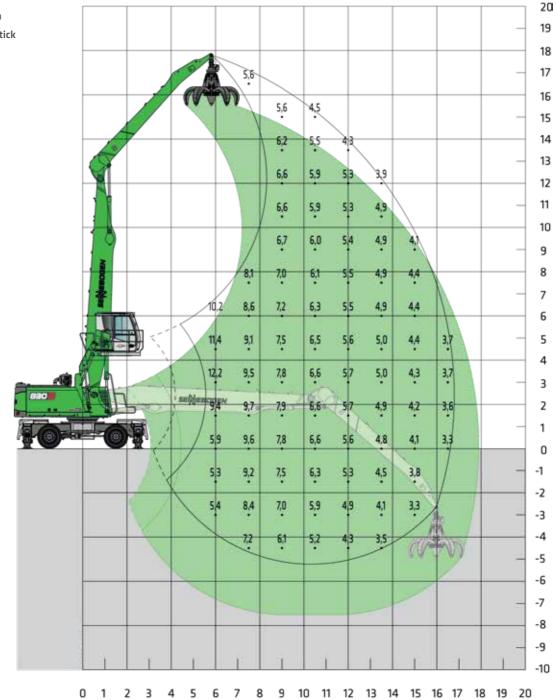
**MP30** 



**MAXCAB** 2.80 m elevating (G280)



9.8 m boom 7.5 m grab stick



Machine shown in mirror image

All load ratings are given in tons (t) brought to bear at the end of the stick, without tools on firm level ground. Working tools such as grab, magnet, load hook, etc. are included in the specified load ratings. The stated values are 75 % of the static tipping load or 87 % of the hydraulic lifting force according to ISO10567. According to EU standard EN 474/5, hydraulic material handlers used for hoisting must be equipped with a pipe rupture safety device on lifting and stick cylinders and an overload warning device. Load ratings apply to a machine with 4-point outrigger and for 360° slewing.





# **LOAD RATINGS K17 (MOBILE)**



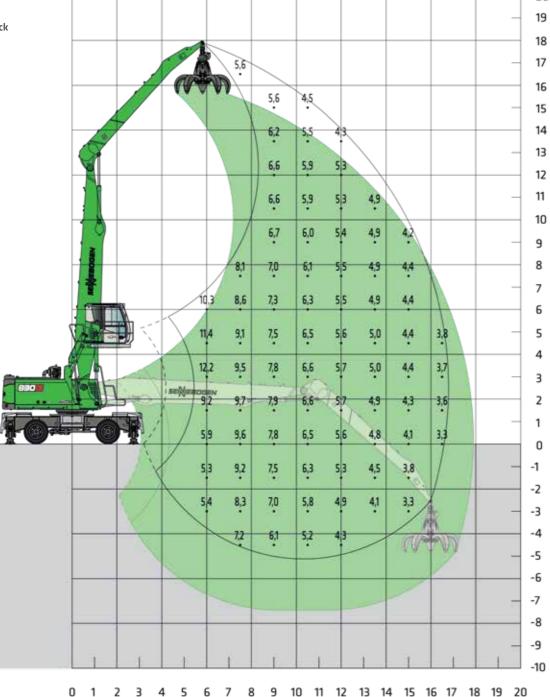
**MP41** 



**MAXCAB** 2.80 m elevating (G280)



9.8 m boom 7.5 m grab stick



Machine shown in

mirror image

All load ratings are given in tons (t) brought to bear at the end of the stick, without tools on firm level ground. Working tools such as grab, magnet, load hook, etc. are included in the specified load ratings. The stated values are 75 % of the static tipping load or 87 % of the hydraulic lifting force according to ISO10567. According to EU standard EN 474/5, hydraulic material handlers used for hoisting must be equipped with a pipe rupture safety device on lifting and stick cylinders and an overload warning device. Load ratings apply to a machine with 4-point outrigger and for 360° slewing.

# LOAD RATINGS B16 (MOBILE)



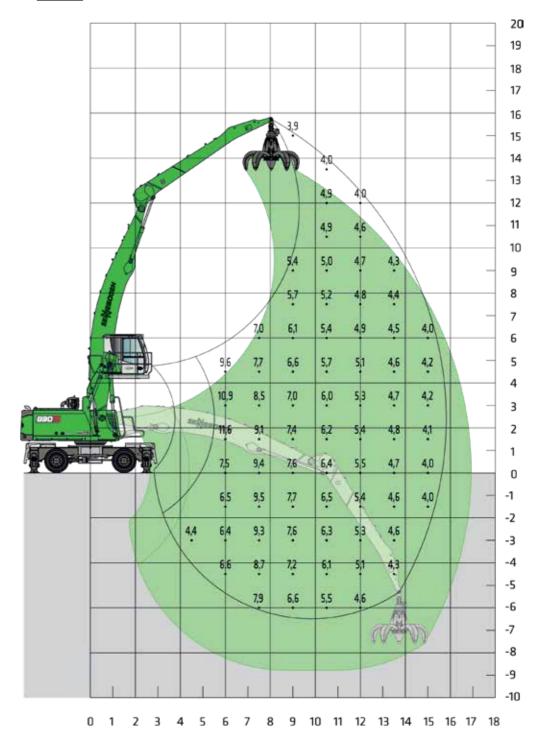
**MP30** 



**MAXCAB** 2.80 m elevating (G280)



9.4 m boom 7.0 m grab stick



Machine shown in mirror image

Subject to technical changes.

All load ratings are given in tons (t) brought to bear at the end of the stick, without tools on firm level ground. Working tools such as grab, magnet, load hook, etc. are included in the specified load ratings. The stated values are 75 % of the static tipping load or 87 % of the hydraulic lifting force according to ISO10567. According to EU standard EN 474/5, hydraulic material handlers used for hoisting must be equipped with a pipe rupture safety device on lifting and stick cylinders and an overload warning device. Load ratings apply to a machine with 4-point outrigger and for 360° slewing.

# LOAD RATINGS K14 ULM (MOBILE)

# MP30

#### MAXCAB 2.80 m elevating (G280)



8.5 m boom 6.0 m grab stick

19 18 17 15 14 13 7,3 12 11 7,5 6,6 5,9 10 6,6 5,9 8,4 7,0 8,9 6,2 9,3 4,3 9,2 8,6 6,9 -2 5,0 -3 -5 -6 -8 -9 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

Machine shown in mirror image

#### Notos

All load ratings are given in tons (t) brought to bear at the end of the stick, without tools on firm level ground. Working tools such as grab, magnet, load hook, etc. are included in the specified load ratings. The stated values are 75 % of the static tipping load or 87 % of the hydraulic lifting force according to ISO10567. According to EU standard EN 474/5, hydraulic material handlers used for hoisting must be equipped with a pipe rupture safety device on lifting and stick cylinders and an overload warning device. Load ratings apply to a machine with 4-point outrigger and for 360° slewing.

# **LOAD RATINGS K15 (MOBILE)**

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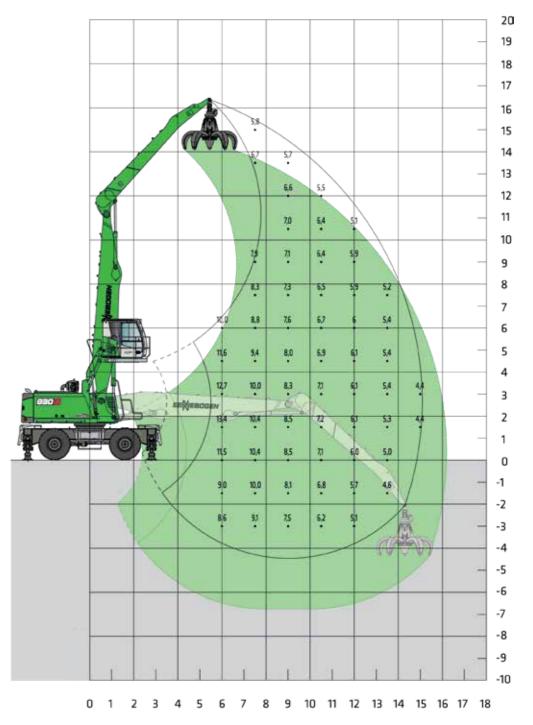
**MP34** 



MAXCAB 2.80 m elevating (G280)



8.5 m boom 7.0 m grab stick



Machine shown in mirror image

Subject to technical changes.

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#### Notes:

All load ratings are given in tons (t) brought to bear at the end of the stick, without tools on firm level ground. Working tools such as grab, magnet, load hook, etc. are included in the specified load ratings. The stated values are 75 % of the static tipping load or 87 % of the hydraulic lifting force according to ISO10567. According to EU standard EN 474/5, hydraulic material handlers used for hoisting must be equipped with a pipe rupture safety device on lifting and stick cylinders and an overload warning device. Load ratings apply to a machine with 4-point outrigger and for 360° slewing.

## 830**G**

# **LOAD RATINGS K15 (CRAWLER)**



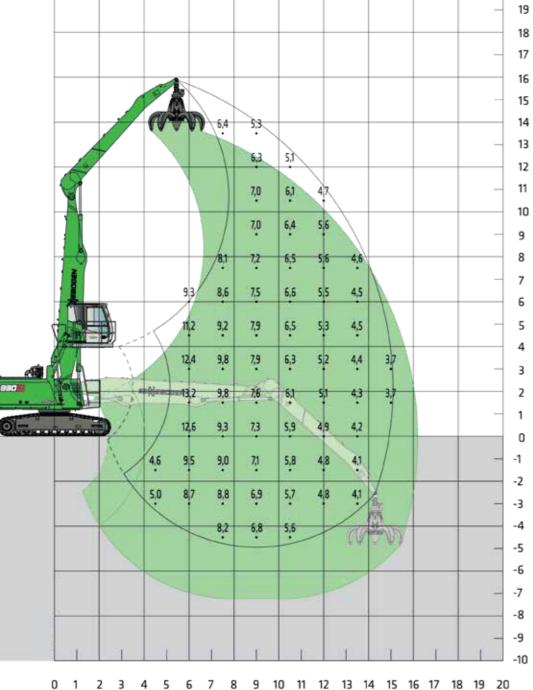
R35/340



MAXCAB 2.80 m elevating (G280)



8.5 m boom 7.0 m grab stick



Machine shown in mirror image

Notes

All load ratings are given in tons (t) brought to bear at the end of the stick, without tools on firm level ground. Working tools such as grab, magnet, load hook, etc. are included in the specified load ratings. The stated values are 75 % of the static tipping load or 87 % of the hydraulic lifting force according to ISO10567. According to EU standard EN 474/5, hydraulic material handlers used for hoisting must be equipped with a pipe rupture safety device on lifting and stick cylinders and an overload warning device. The specified load ratings apply to maximum track width and 360° slewing.

# **LOAD RATINGS K17 (CRAWLER)**



T41/380 (telescopic)

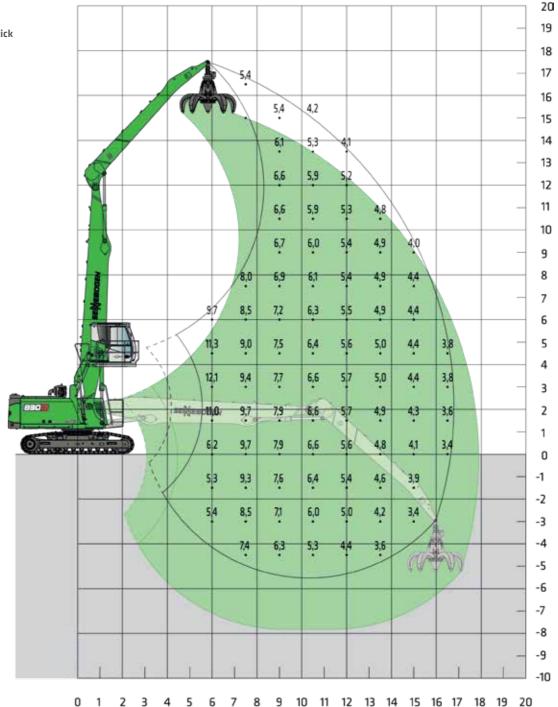


MAXCAB 2.80 m elevating (G280)



20

9.8 m boom 7.5 m grab stick



mirror image

Machine shown in

Subject to technical changes.

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#### Notes:

All load ratings are given in tons (t) brought to bear at the end of the stick, without tools on firm level ground. Working tools such as grab, magnet, load hook, etc. are included in the specified load ratings. The stated values are 75 % of the static tipping load or 87 % of the hydraulic lifting force according to ISO10567. According to EU standard EN 474/5, hydraulic material handlers used for hoisting must be equipped with a pipe rupture safety device on lifting and stick cylinders and an overload warning device. The specified load ratings apply to maximum track width and 360° slewing.

## 830**G**

# **LOAD RATINGS K17 (CRAWLER SPECIAL)**



R44/380



MAXCAB 2.80 m elevating (G280)



Pylon extension 4.5 m



9.8 m boom 7.5 m grab stick

#### Notes:

Machine shown in

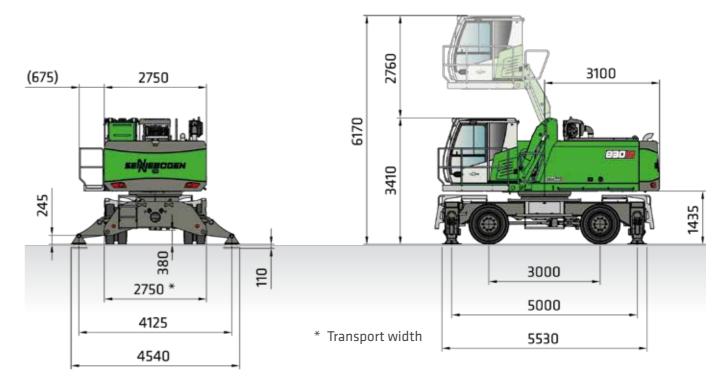
mirror image

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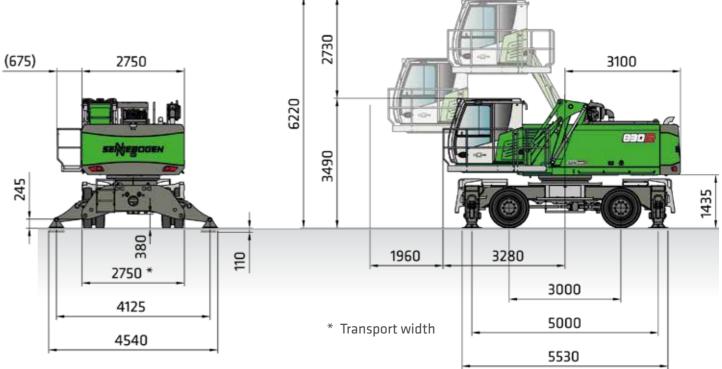
7 8

0 1 2 3 4 5 6

## **DIMENSIONS MOBILE**



830 G WITH MP30 UNDERCARRIAGE AND G280 MAXCAB, HYDRAULICALLY ELEVATING (SERIES), SOLID RUBBER TIRES 12.00-20 (8-PLY)



830 G WITH MP30 UNDERCARRIAGE AND G290/200 MAXCAB (SERIES) THAT CAN BE ELEVATED AND MOVED FORWARD HYDRAULICALLY, SOLID RUBBER TIRES 12.00-20 (8-PLY)

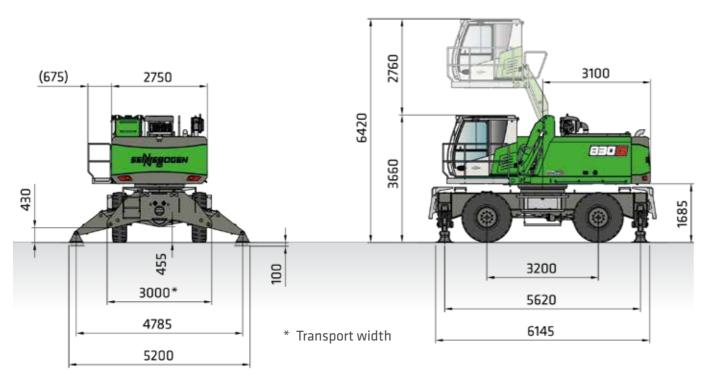
9 10 11 12 13 14 15 16 17 18 19 20

Subject to technical changes.

# **DIMENSIONS MOBILE**

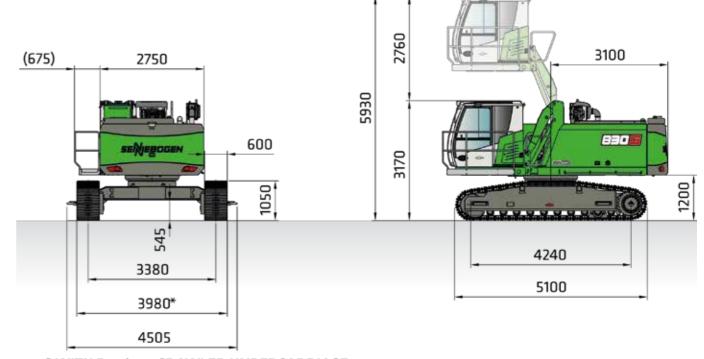
# (675) 2750 3100 955 3200 3200 4545 \* Transport width 6025

830 G WITH MP41 UNDERCARRIAGE AND G280 MAXCAB, HYDRAULICALLY ELEVATING, SOLID RUBBER TIRES 12.00-20 (8-PLY)

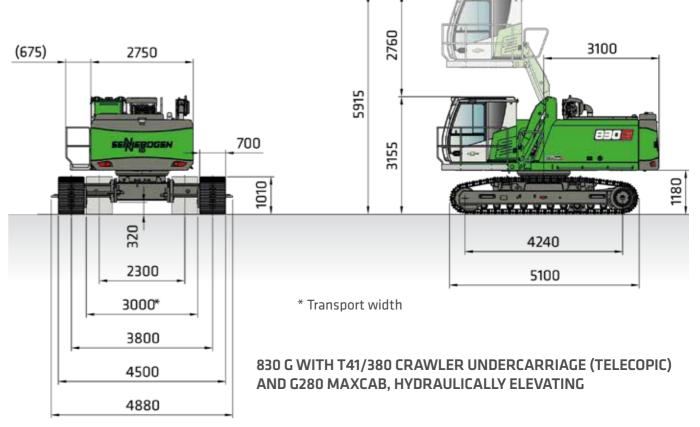


830 G WITH MP34 UNDERCARRIAGE AND G280 MAXCAB (SERIES), HYDRAULICALLY ELEVATING, SOLID RUBBER TIRES 16.00-25 (4-PLY)

## **DIMENSIONS CRAWLER**



830 G WITH R35/340 CRAWLER UNDERCARRIAGE AND G280 MAXCAB, HYDRAULICALLY ELEVATING



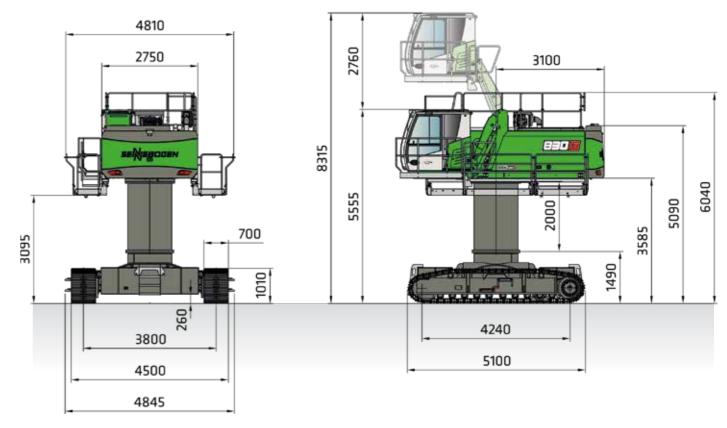
# 63U **L**

# **DIMENSIONS CRAWLER**

# 

830 G WITH T41/380 CRAWLER UNDERCARRIAGE (TELECOPIC) AND G290/200 MAXCAB THAT CAN BE ELEVATED AND MOVED FORWARD HYDRAULICALLY

## **DIMENSIONS CRAWLER SPECIAL**



830 G WITH R44/380 CRAWLER UNDERCARRIAGE (TELECOPIC) AND G280 MAXCAB, HYDRAULICALLY ELEVATING, 2 M PYLON

Dimensions in [mm]



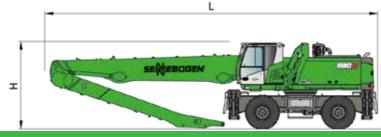
# TRANSPORT DIMENSIONS MOBILE



	830 G TRANSPORT DIMENSIONS MP30				
	COMPACT BOOM GRAB STICK TRANSPORT LENGTH (L) TRANSPORT HEIGI				
K14	8.2 m	5.8 m	12.5 m	3.45 m	
K14 ULM	8.5 m	6.0 m ULM	13.0 m	3.45 m	
K15	8.5 m	7.0 m	13.0 m	3.45 m	
K17	9.8 m	7.5 m	14.5 m	3.45 m	
B16	9.5 m Banana	7.0 m	14.0 m	3.45 m	

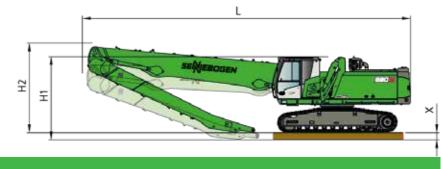


	830 G TRANSPORT DIMENSIONS MP41				
	COMPACT BOOM GRAB STICK TRANSPORT LENGTH (L) TRANSPORT HEIGHT (				
K14	8.2 m	5.8 m	12.5 m	3.49 m	
K14 ULM	8.5 m	6.0 m ULM	13.0 m	3.49 m	
K15	8.5 m	7.0 m	13.0 m	3.49 m	
K17	9.8 m	7.5 m	14.5 m	3.49 m	
B16	9.5 m Banana	7.0 m	14.0 m	3.49 m	

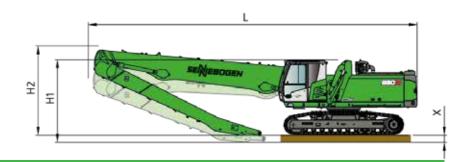


		830 G TRANSPORT DIMENSIONS MP34						
		СОМРАСТ ВООМ	GRAB STICK	TRANSPORT LENGTH (L)	TRANSPORT HEIGHT (H)			
- 1	K14	8.2 m	5.8 m	12.5 m	3.7 m			
K14	4 ULM	8.5 m	6.0 m ULM	13.0 m	3.7 m			
- 1	K15	8.5 m	7.0 m	13.0 m	3.7 m			
- 1	K17	9.8 m	7.5 m	14.5 m	3.7 m			
I	B16	9.5 m Banana	7.0 m	14.0 m	3.7 m			

# TRANSPORT DIMENSIONS CRAWLER

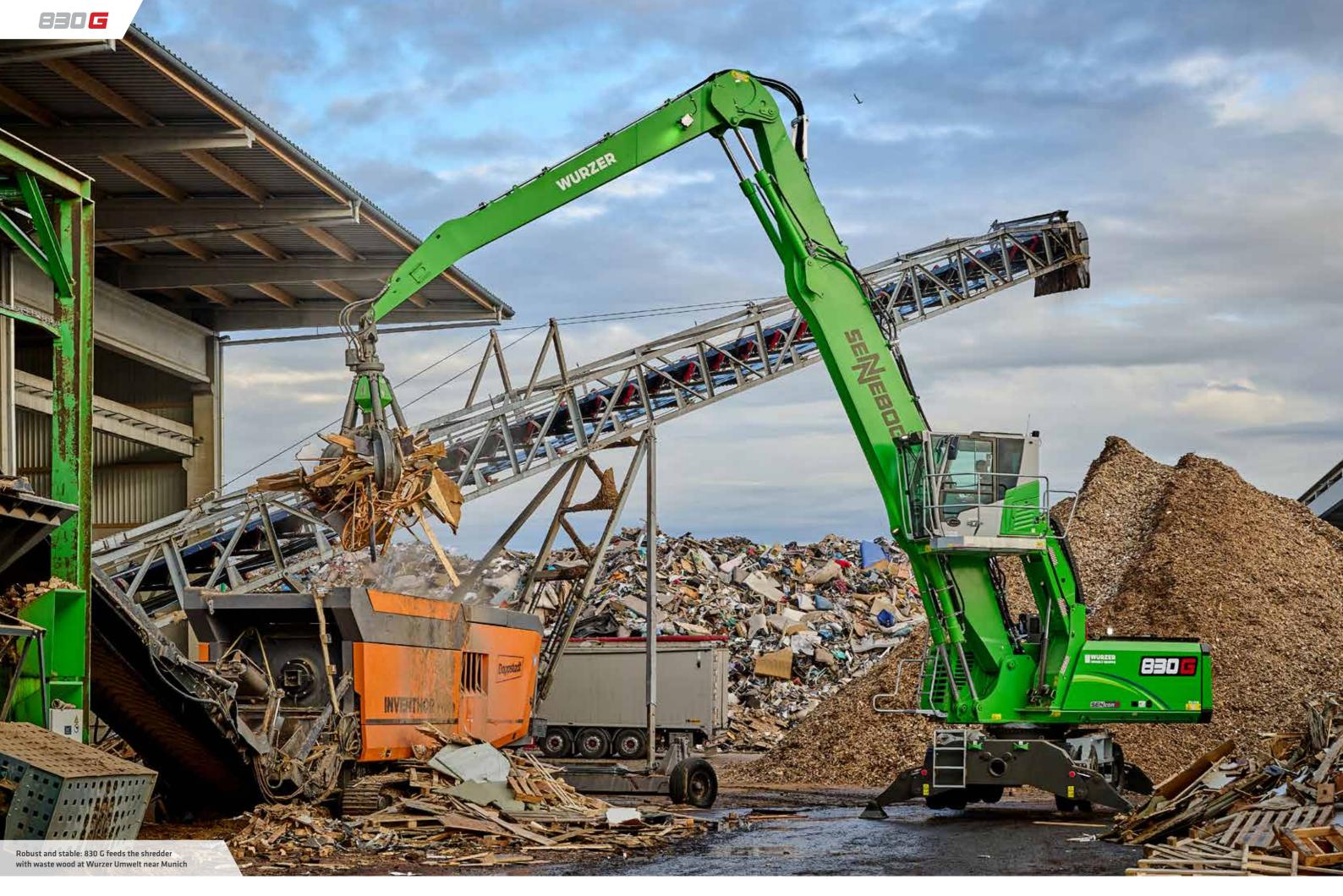


	830 G TRANSPORT DIMENSIONS R35/340						
	COMPACT BOOM	GRAB STICK	TRANSPORT LENGTH (L)	TRANSPORT HEIGHT (H2)	TRANSPORT HEIGHT (H1)	UNDERGROUND WOOD HEIGHT (X)	
K14	8.2 m	5.8 m	12.5 m	3.25 m	-	-	
K14 ULM	8.5 m	6.0 m ULM	13.0 m	3.25 m	-	-	
K15	8.5 m	7.0 m	13.5 m	3.48 m	-	-	
K17	9.8 m	7.5 m	14.0 m	3.75 m	3.49 m	0.2 m	
B16	9.5 m Banana	7.0 m	14.0 m	3.49 m	-	-	



	830 G TRANSPORT DIMENSIONS T41/380						
	COMPACT BOOM	GRAB STICK	TRANSPORT LENGTH (L)	TRANSPORT HEIGHT (H2)	TRANSPORT HEIGHT (H1)	UNDERGROUND WOOD HEIGHT (X)	
K14	8.2 m	5.8 m	12.5 m	3.25 m	-	-	
K14 ULM	8.5 m	6.0 m ULM	13.0 m	3.45 m	-	-	
K15	8.5 m	7.0 m	13.0 m	3.45 m	-	-	
K17	9.8 m	7.5 m	14.0 m	3.75 m	3.45 m	0.2 m	
B16	9.5 m Banana	7.0 m	14.0 m	3.58 m	3.48 m	0.3 m	

Dimensions in [m]







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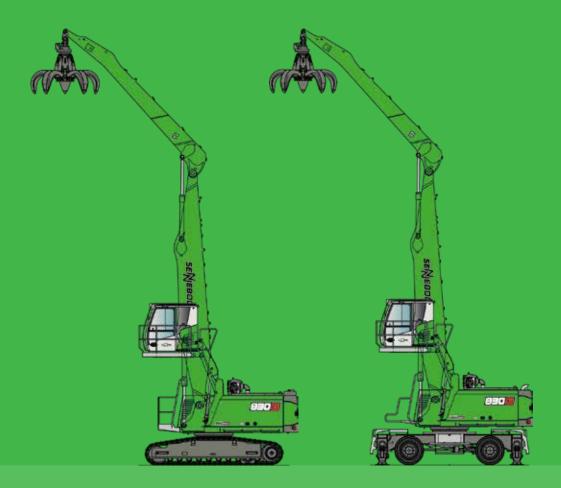
300 t

SENJEBOGEN



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