





115 kW (Stage V) 97 kW (Stage IIIa) 90 kW (Electro)

CRB



21,8 t



10 m





Mobile material handling machine

Stagev

818E





1962: rope-driven S833 with elevated operator cab

What makes up the E-Series

- More than 65 years of experience in designing and constructing hydraulic material handling machines
- Uncompromisingly high performance in all areas: Focus on material handling
- Technology that can be mastered: Highquality components without over-engineering
- Long product service life and high value retention

Your top benefits



Green Efficiency



Work quietly - protect operator and environment



Peak performance

Save fuel - reduce operating costs

Durable mechanical systems - stressed parts optimized High speeds - high load capacities



Maximum usability



Comfortable Maxcab operator cab - relaxed work SENCON - work program selection made easy



Maximum safety

Safe entry and exit - no-slip steps State-of-the-art camera - entire work area in view

Maintenance and service made easy

SENNEBOGEN Control System SENCON - easy fault diagnosis Easy Maintenance - clear labeling



Consultation and support in your area

3 production sites - 2 subsidiaries more than 130 sales partners - worldwide and also in your area







Subject to technical changes. Further options available upon request.

BIBE The E-Series. At a glance.



Four ways to save fuel

- Up to 20% savings: working in Eco Mode with reduced engine speed
- Idle automation reduces speed to 40% of operating speed
- Stop automation switches the engine off when not needed
- Optimized settings of engine and hydraulics reduces fuel consumption



Quiet operation **I**

- Consistently quiet operation thanks to decoupled engine mounts and soundproofing in the doors
- Soundpower level according to 2000/14/EC up to 2 dB lower than required

High-capacity cooling <a>I

- Constant, reliable performance thanks to largedimensioned and robust fans and coolers
- Water and oil coolers with top-notch efficiency thanks to axial-piston pump and motor control and on demand thermostatic control
- Fan reversal for cleaning in series



SENJEBOGEN

2

Maximum safety

- No-slip work surfaces 1
- 2 cameras to the right and rear
- Step grid with railing* next to cab sliding door

Powerful hydraulic system **B**

- Strong pumps with power reserves
- Top efficiency thanks to large-dimensioned hydraulic valves and lines
- Extra-long change intervals of 4,000 operating hours through initial fill-up with special oil with extended service life when using SENNEBOGEN HydroClean*

* optional





Features

- optimum cab climate with automatic air conditioning system, partial tinted glass
- pleasant and equal temperature dispersion by means of 9 nozzles
- panoramic view
- comfort seat with air suspension
- very quiet through optimized noise insulation
- Highest safety & comfort with sliding door, wide door opening
- ergonomically arranged operating controls for fatigue-free and relaxed working
- I2 V, 24 V, and USB charging sockets hands-free telephone preparation, document box
- various options: electric cooler behind operator`s seat, protective covers, seat air conditioning

SENNEBOGEN joysticks

- consoles and ergonomic joysticks that move with the seat
- 📕 pleasant grip through ergonomic design
- precise control of all movements through direct and sensitive function activation
- quick access to all operating controls through optimized design of all push-buttons and switches

EBOGEN



B18 Maintenance and service made easy.



Optimized for maintenance

- Fast and easy diagnosis thanks to straightforward and clearly labeled electrical distributor
- Easy access to all service points on the machine
- Automatic central lubrication for equipment and slewing gear



SENNEBOGEN Hydro Clean*

- Optimal protection of hydraulic components thanks to 3 µm microfilter
- Cleaner hydraulic oil, longer service life



Central measuring points

- Easily accessible
- Quickly inspect entire hydraulic system



Clear labeling

- All parts labeled with a unique part number
- Easy and reliable spare parts ordering

* Option

B18 Modular design - versatile solutions



8 * further information about our crawler undercarriages can be found in the separate brochure 818 R E-Series.





Reliable operation through robust and FEMoptimized equipment

High load capacities even when fully extended, thanks to massive cylinders

Sliding door for convenient entry and exit

> Ideal overview and safe working height thanks to stable cab elevation

> > Robust side cover made of recyclable sheet steel

818

Better illumination of the

work area through power-

ful LED headlights*

Safe entry and exit thanks to railings*, grip handles and no-slip steps

High stability due to the broad outrigger area

BIBE Technical data, equipment

Model (type) 818 Power 97 kW at 2200 rpm (Stage V) Model Curmins 84,5 Stage VI Model Curmins 85,65 84,5 Stage VI Cooling Water Injection, turbo charged, charge air cooler, reduced emissions, Eco Mode, idle automation, disel particulate filter (DPF - only Stage V) Load sensing / LUDV hydraulic system for hydraulic, pliot-controlled work functions Cooling Water-cooled Pump type Samplate-type variable-displacement plists pump, load pressure-independent control or work functions Cooling Water-cooled Pump type Zero-struke control, on-demand flow control - the pumps only pump as much oil as will actually be used, pressure purging, load limi sensing control Delivery rate Taxion - resistant tox design, precision for regulament and stewing gear Filtration Plottions E Electric fuel pump - start battery terminals = additional cyclone pre-separator Filtration Safety Control system Proportional, precision hydraulic circuit for stear attachment for up to 10 tools Cooling system Automatic central lubrication for equipment an diseving gear Safety Central lubrica- Automatic central lubricated fan drive for oling system with high cooling or programming pressue/rate for up to 10 tools Coling system 3-circuit cooling system with high cooling or programming pressue/rate for up	MACHINE	ГҮРЕ	Options	 Additional ballast Dotating lights and alarm horns 		
ENGINE Power 97 kW at 2200 rpm (Stage VI) Model Cummins 9,58 4,5 Stage VI Model Cummins 0,58 4,5 Stage VI Direct injection, turbo charged, charge air cooler, reduced emissions, Eco Mode, idle automation, diesel particulate filter (DPF - only Stage V) Swashplate-type variable-displacement pisto of work functions Cooling Water-cooled Swashplate-type variable-displacement flow distribution for simultaneous, independent control of work functions Fuel tank 3301 Pump type Swashplate-type variable-displacement flow dorther of work functions Electric fuel pump Load sensing / LUDV hydraulic system for hydraulic, pilot-controlled work functions Pump type Swashplate-type variable-displacement pisto dwork functions Pump type Swashplate-type variable-displacement pisto dwork functions Cooling Water-cooled Zero-stroke control, on-demand flow control - the pumps only pump as much oil as will actually be used, pressure purging, load limi sensing control DEF tank 301 Electric fuel pump Imax. 330 bar puressure Electric fuel pump Image biscond sensing. Proportional, precision hydraulic servo joysticks Options Engine block heater Electric fuel pump Safety Proportional, precision hydraulic cacutation of work functions with safety	Model (type)	818				
Power 97 kW at 2200 rpm (Stage IIIa) 115 kW at 2200 rpm (Stage V) Model Cummins B 4,5 Stage V Cummins 058 4,5 Stage IIIa Direct injection, turbo charged, charge air cooler, reduced emissions, Eco Mode, idle au- tormation, stop automation, diesel particulate filter (DPF - only Stage V) Load sensing / LUDV hydraulic system for hydraulic, pluto-controlled work functions Cooling Water-cooled Swashplate-type variable-displacement ploto filter (DPF - only Stage V) Cooling Water-cooled Pump type Swashplate-type variable-displacement ploto for work functions Pump type Swashplate-type variable-displacement ploto functions Pump type Swashplate-type variable-displacement ploto for work functions Cooling Water-cooled Pump type Swashplate-type variable-displacement ploto for work functions Load sensing / LUDV hydraulic system Derivery rate sensing control Pump type Swashplate-type variable-displacement ploto for work functions Load sensing / LUDV hydraulic system Derivery rate max. 310 //min Pump type Swashplate-type variable-displacement ploto for work functions Load sensing / LUDV hydraulic system Derivery rate max. 310 //min Delivery rate max. 310 //min Def tank 330 I Def tank 25 Coll Options Engine block heater ellectric fuel pump i Jump-start battery terminals eadditional		E	HYDRA	ULIC SYSTEM		
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tomation, diesel particulate filter (DF - only Stage V)CoolingWater-cooledAir filterDry air filter with integrated pre-separator, safety element, contamination indicatorFuel tank330 1DEF tank30 1Electr. system24 VBatteries2 x cold-start high-performance batteriesOptions• Engine block heater • Electric fuel pump • Jump-start battery terminals • additional cyclone pre-separatorImage: Control systemTorsion-resistant box design, precision crafted, steel bushings for boom bearings. Extremely service-friendly design, longitudinal engineCentral lubrica- termAutomatic central lubrication for equipment and slewing gearElectrical sys- Control systemSafetyCooling system3-circuit cooling system with high cooling out- put, thermostatically regulated fan drive for oil cooler and water cooler, fan reversal for cleaningSafetyCamera package (right/rear)Options* Slewing gear brake via foot pedal * Jum draulic circuit for shear attachme * Jum hydraulic circuit for shear attachme * Load moment warning with capacity utilization indicatorSafetyCamera package (right/rear)Options* Slewing gear brake via foot pedal * Hand rail at the upper structure for	Model	Cummins B 4,5 Stage V Cummins QSB 4,5 Stage IIIa Direct injection, turbo charged, charge air cooler, reduced emissions, Eco Mode, idle au-	Pump type	Swashplate-type variable-displacement piston pump, load pressure-independent flow distri- bution for simultaneous, independent control of work functions		
Air filter Dry air filter with integrated pre-separator, safety element, contamination indicator Sensing control Fuel tank 330 I Delivery rate max. 310 I/min DEF tank 30 I Delivery rate max. 350 bar DEF tank 30 I Electr. system 24 V Batteries 2 x cold-start high-performance batteries High-performance filtration with long chang interval By pressure Filtration High-performance filtration with long chang interval Batteries 2 x cold-start high-performance batteries Proportional, precision hydraulic actuation of work movements, 2 hydraulic actuation of work movements, 2 hydraulic serve joysticks for the work functions, additional functions vissitches and foot pedals Design Torsion-resistant box design, precision crafted, steel bushings for boom bearings. Extremely service-friendly design, longitudinal engine Safety Design Torsion-resistant box design, precision for equipment at engine standstill, pipe fracture safety valves for lift cylinder and stick cylinder Central lubrica- Automatic central lubrication for equipment and slewing gear Electrical sys- Central electrical distributor, battery disconnect term term Sicuit cooling system with high cooling output, thermostatically regulated fan drive for oil cooler and water cooler, fan reversal for cleaning	Cooling	formation, stop automation, diesel particulate filter (DPF - only Stage V) Water-cooled		 the pumps only pump as much oil as will actually be used, pressure purging, load limit 		
safety element, contamination indicatorDelivery ratemax. 30 / minFuel tank330 IOperatingmax. 350 barDEF tank30 IFiltrationHigh-performance filtration with long chang intervalBatteries2 x cold-start high-performance batteriesFiltrationHigh-performance filtration with long chang intervalDotions• Engine block heater • Electric fuel pump • Jump-start battery terminals • additional cyclone pre-separatorFor proportional, precision hydraulic actuation of work movements, 2 hydraulic serve joysticks for the work functions, additional functions vi switches and foot pedalsDesignTorsion-resistant box design, precision crafted, steel bushings for boom bearings. Extremely service-friendly design, longitudinal engineSafetyCentral lubrica- tionAutomatic central lubrication for equipment and slewing gearBio-oilElectrical sys- termCentral electrical distributor, battery disconnect termBio-oilElectrical sys- termScentral electrical distributor, battery disconnect termBio-oilCooling system3-circuit cooling system with high cooling out- put, thermostatically regulated fan drive for oil cooler and water cooler, fan reversal for cleaningSafetyCamera package (right/rear)Options• Slewing gear brake via foot pedal • Hand rail at the upper structure for	Air filter	Dry air filter with integrated pre-separator,	Delivery vete	sensing control		
Fuel tank 330 I DEF tank 30 I DEF tank 30 I Electr: system 24 V Batteries 2 x cold-start high-performance batteries Options Engine block heater Image: Surge Filtration Hydraulic tank 260 I Options Engine block heater Image: Surge Filtration Pressure For the work functions, additional precision hydraulic actuation of work movements, 2 hydraulic servo joysticks for the work functions, additional functions vissitches and foot pedals Design Torsion-resistant box design, precision crafted, steel bushings for boom bearings. Extremely service-friendly design, longitudinal engine Central lubrica- Automatic central lubrication for equipment and slewing gear Electrical sys- Central electrical distributor, battery disconnect term Safety Camera package (right/rear) Options Slewing gear brake via foot pedal Safety Camera package (right/rear) Options Slewing gear brake via foot pedal HydroClean Suppart planetary gear with bent-axis		safety element, contamination indicator	Delivery rate	max. 310 l/min		
DEF tank30 IElectr. system24 VBatteries2 x cold-start high-performance batteriesOptions= Engine block heaterImage: Display the performance battery terminalsImage: Display terminal is additional cyclone pre-separatorImage: Display terminal is the upper structure forImage: Displa	Fuel tank	330 l	pressure	max. 550 dar		
Electr. system 24 V Batteries 2 x cold-start high-performance batteries Options Engine block heater Image: Performance batteries 260 I Options Electric fuel pump Image: Performance batteries Control system Proportional, precision hydraulic actuation of work movements, 2 hydraulic servo joysticks for the work functions, additional functions v switches and foot pedals Safety Torsion-resistant box design, precision crafted, steel bushings for boom bearings. Extremely service-friendly design, longitudinal engine Central lubrica- Automatic central lubrication for equipment and slewing gear Colling system 3-circuit cooling system with high cooling output, thermostatically regulated fan drive for oil cooler and water cooler, fan reversal for cleaning Safety Camera package (right/rear) Options Slewing gear brake via foot pedal Hand rail at the upper structure for	DEF tank	30	Filtration	High-performance filtration with long change interval		
Batteries 2 x cold-start high-performance batteries Options Engine block heater Design Electric fuel pump Design Torsion-resistant box design, precision crafted, steel bushings for boom bearings. Extremely service-friendly design, longitudinal engine Central lubrica- Automatic central lubrication for equipment and slewing gear Electrical sys- Central electrical distributor, battery disconnect term Safety Camera package (right/rear) Options Slewing gear brake via foot pedal Safety Camera package (right/rear) Options Slewing gear brake via foot pedal Hydraulic tank 260 I Control system 3-circuit cooling system via the upper structure for	Electr. system	24 V				
OptionsEngine block heater Electric fuel pump Jump-start battery terminals additional cyclone pre-separatorControl systemProportional, precision hydraulic actuation of work movements, 2 hydraulic servo joysticks for the work functions, additional functions v switches and foot pedalsDesignTorsion-resistant box design, precision crafted, steel bushings for boom bearings. Extremely service-friendly design, longitudinal engineSafetyHydraulic circuits secured with safety valves emergency lowering of the equipment at engine standstill, pipe fracture safety valves for lift cylinder and stick cylinderCentral lubrica- tionAutomatic central lubrication for equipment and slewing gearIongitudinal engineElectrical sys- termCentral electrical distributor, battery disconnect switchElectrical system with high cooling out- put, thermostatically regulated fan drive for oil cooler and water cooler, fan reversal for cleaningOptionsImage: Slewing gear brake via foot pedal Image: Slewing gear brake via foot pedal Image: Hand rail at the upper structure forOptionsImage: Slewing gear brake via foot pedal Image: Hand rail at the upper structure forCompact planetary gear with bent-axis	Batteries	2 x cold-start high-performance batteries	Hydraulic tank	260		
SafetyHydraulic circuits secured with safety valves emergency lowering of the equipment at engine standstill, pipe fracture safety valves for lift cylinder and stick cylinderDesignTorsion-resistant box design, precision crafted, steel bushings for boom bearings. Extremely service-friendly design, longitudinal engineSafetyBio-oilCentral lubrica- tionAutomatic central lubrication for equipment and slewing gearToolControl for programming pressure/rate for up to 10 toolsElectrical sys- termCentral electrical distributor, battery disconnect switchE coad moment warning with capacity utilization indicatorCooling system3-circuit cooling system with high cooling out- put, thermostatically regulated fan drive for oil cooler and water cooler, fan reversal for cleaningOptionsSafetyCamera package (right/rear)SafetyCamera package (right/rear)OptionsSlewing gear brake via foot pedal Hand rail at the upper structure forCompact planetary gear with bent-axis	Options	 Engine block heater Electric fuel pump Jump-start battery terminals additional cyclone pre-separator 	Control system	Proportional, precision hydraulic actuation of work movements, 2 hydraulic servo joysticks for the work functions, additional functions via switches and foot pedals		
Crafted, steel bushings for boom bearings. Extremely service-friendly design, longitudinal engineCentral lubrica- tionAutomatic central lubrication for equipment and slewing gear• Bio-oilCentral electrical sys- termCentral electrical distributor, battery disconnect switch• Additional hydraulic circuit for shear attachme • Load moment warning with capacity utilization indicatorCooling system3-circuit cooling system with high cooling out- put, thermostatically regulated fan drive for oil 	Design	CARRIAGE Torsion-resistant box design, precision	Safety	Hydraulic circuits secured with safety valves, emergency lowering of the equipment at engine standstill, pipe fracture safety valves for lift cylinder and stick cylinder		
Central lubrica- tionAutomatic central lubrication for equipment and slewing gearup to 10 toolsElectrical sys- temCentral electrical distributor, battery disconnect switch= Additional hydraulic circuit for shear attachmeCooling system3-circuit cooling system with high cooling out- put, thermostatically regulated fan drive for oil cooler and water cooler, fan reversal for cleaning= Overload safeguard with overload shutdownSafetyCamera package (right/rear)Image: Slewing gear brake via foot pedal = Hand rail at the upper structure forImage: Slewing gear with bent-axis		crafted, steel bushings for boom bearings. Extremely service-friendly design, longitudinal engine	Options	 Bio-oil ToolControl for programming pressure/rate for up to 10 tools Additional hydraulic circuit for shear attachment Load moment warning with capacity utilization indicator Overload safeguard with overload shutdown 		
Electrical sys- tem Central electrical distributor, battery disconnect switch indicator Cooling system 3-circuit cooling system with high cooling out- put, thermostatically regulated fan drive for oil cooler and water cooler, fan reversal for cleaning Indicator Safety Camera package (right/rear) Image: Slewing gear brake via foot pedal Image: Hand rail at the upper structure for Image: Slewing gear with bent-axis	Central lubrica- tion	Automatic central lubrication for equipment and slewing gear				
Cooling system 3-circuit cooling system with high cooling output, thermostatically regulated fan drive for oil cooler and water cooler, fan reversal for cleaning Safety Camera package (right/rear) Options • Slewing gear brake via foot pedal • Hand rail at the upper structure for Compact planetary gear with bent-axis	Electrical sys- tem	Central electrical distributor, battery disconnect switch				
Safety Camera package (right/rear) Options Slewing gear brake via foot pedal Hand rail at the upper structure for Compact planetary gear with bent-axis	Cooling system	3-circuit cooling system with high cooling out- put, thermostatically regulated fan drive for oil		 3 µm hydraulic micro-filter - SENNEBOGEN HydroClean 		
Options Slewing gear brake via foot pedal Hand rail at the upper structure for Compact planetary gear with bent-axis	Safety	Camera nackage (right /rear)				
Hand rail at the upper structure for Gearbox Compact planetary gear with bent-axis	Ontions	Clausing good busing via fact and al	SLEWII	NG DRIVE		
additional safety hydraulic engine, integrated brake valves	Options	 Slewing gear brake via foot pedal Hand rail at the upper structure for additional safety LED lighting packages Fire extinguisher 	Gearbox	Compact planetary gear with bent-axis hydraulic engine, integrated brake valves		
LED lighting packages Parking brake Spring-loaded, hydraulically vented safety multi-disk brake			Parking brake	Spring-loaded, hydraulically vented safety multi-disk brake		
Special paint finish Electric beater for hydraulic tank Slewing ring Strong slewing ring, sealed		 Special paint finish Electric heater for hydraulic tank 	Slewing ring	Strong slewing ring, sealed		
 Low-temperature packages Hydraulically driven magnetic generator 9 kW Telematic system SENtrack DS Slewing speed O-8 rpm, stepless. Hydraulic brake valves integrated in motor ensure wear-free brakin 		 Low-temperature packages Hydraulically driven magnetic generator 9 kW Telematic system SENtrack DS 	Slewing speed	0-8 rpm, stepless. Hydraulic brake valves integrated in motor ensure wear-free braking.		

10 Subject to technical change.



B18 Technical data, equipment

	🖪 САВ	
	Cab type	Hydraulically elevating cab E270
Cab equipment		Sliding door incl. sliding pane, vibration damped, tinted safety glass, front pane can be opened, roof window, Windscreen wiper for windscreen, radio preparation, air-suspended comfort seat, joystick steering, SENNEBOGEN SENCON control & diagnostic system
Options		 active seat air conditioning Auxiliary heating system with timer Cabs with active carbon filter Armored-glass windshield Armored-glass sunroof Safety side window and rear window Rolling shade for roof window and windshield Protection guards FOPS protective roof grating Protective front grating Radio Maxcab Industry with undivided armored glass windshield electrical cooling box Steering wheel steering 30° tiltable cab Camera for ground monitoring Protective cover for the seat Comfort armrests Protective ventilation system
	EQUIPM	ENT
	Design	Sealed and soiling-protected box design with oversized bearing points for long service life. Oversized bearing points with low-mainte- nance, sealed special bushings, precision- crafted
	Cylinders	Special hydraulic cylinder with hydraulic end position damping, optimized kinematics for high lifting power. The material handling equipment is specifically designed for high- performance applications.

Automatic central lubrication system

Adjustable hoisting limiter/stick limiter

Ball valves on the hydraulic lines

Multi-coupling

Additional camerasBoom damping

🔜 UNDERCARRIAGE

Design	Strong undercarriage with 4-point outrigger support or combination of stabilizer blade and outrigger support (option), hydraulically locking pendulum steering axle. Pendulum axle cylinder with pipe-fracture safety valves		
Drive	All-wheel drive powered by a variable- displacement hydraulic engine with direct- mounted, automatically actuated brake valve and 2-stage power shift transmission. Strong planetary axles with integrated steering cylinder, 2-circuit multi-disk service brake.		
Parking brake	Spring-loaded multi-disk brake		
Tires	8 x 10.00-20 solid rubber		
Speed	Stage I: 0-5.5 km/h ; Stage II: 0-20 km/h		
Options	 8 x 10.00-20 pneumatic tires Individual outrigger actuation Additional pushing blade for 4-point outrigger (front or rear) 2-point outrigger and stabilizer blade (front or rear) Protection for travel drive/shunting coupling Protection for travel drive/shunting coupling 		

Pylon extension

ELECTRIC DRIVE EGREEN

Option

- Power: 90 kW / 400 V / 50 Hz Total connected load 200 kVA, machine fusing 200 (alternatively 200 A with magnet system) for 400 V, motor start-up via star-delta circuit
- Advantages: lowest operating costs, quiet and virtually vibration-free work, long service life of hydraulic components

OPERATING WEIGHT

Mass	818 M with 4-point outrig loading equipment and 60 grab	ger, K9 compact D0 I orange peel Approx. 21,800 kg
Notice	Operating weight varies b equipment.	y model and

Central

lubrication Options

B18 Load ratings



All load ratings are in tons (t) and apply at the end of the stick, without attachment, on solid, level ground. Attachments such as grapple, magnet, load hook, etc. are part of the specified load ratings. The ratings constitute 75% of the static tipping load or 87% of the hydraulic lifting power in accordance with ISO 10567. In accordance with EU standard EN 474-5, material handling machines used for hoisting must be equipped with pipe-fracture safety devices on the hoist cylinders and an overload warning device. Load ratings apply for a machine with deployed 4-point outrigger support and for 360° slewing. Load ratings in square brackets [] apply for blocked pendulum axle, undeployed outriggers, free-standing, and 360° slewing.

12 Subject to change.



B18 Load ratings



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14 Subject to change.



Μ

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B18 Transport dimensions



818 M with MP21 undercarriage and type E270 hydraulically elevating cab



818 M with 6.2 m K10 compact boom and 4.2 m grab stick with SENNEBOGEN orange peel grab

¹⁶ Technical features and dimensions subject to change.



B18 Transport dimensions



818 M with undercarriage MP21

	Load boom	Grab stick	Transport length (L)	Transport height (H)
K9 ULM	5.3 m	3.8 m ULM	8.7 m	3.25 m
К9	5.3 m	3.8 m	8.7 m	3.25 m
K10 ULM	6.2 m	3.8 m ULM	9.6 m	3.25 m
K10	6.2 m	4.2 m	9.6 m	3.25 m



818 M with 6.2 m K10 compact boom ULM and 3.8 m grab stick

B18 Recommended grabs

SGM orange peel grab (4 shells)



SGM orange peel grab (5 shells)



Clamshell grab SGZ



Sorting grab SGR



Magnetic plates



		Weight ¹		Max. piled density	
Design / size	Grab capacity	Shell shape			
		НО	G		
SGM	I	kg	kg	t/m³	
500.20-4	500	835	975		
400.30-4	400	1290	1390	2.0	
600.30-4	600	1315	1445		
800.30-4	800	1350	1515		

Design / size	Cuph connectiv	Weight ¹		Max. piled density
Design / size	Grad capacity	Shell shape ²		
		НО	G	
SGM	I	kg	kg	t/m³
500.20	500	970	1060	
400.30	400	1480	1530	20
600.30	600	1510	1590	2.0
800.30	800	1550	1660	

Design / size	Cush conscitu	Weight ¹	Max. piled density
Design / Size	Grad capacity	kg	t/m³
1000.40	1000	1440	2.0
1200.40	1200	1575	2.0

Type series / model	Grab capacity	Weight ¹
SGR	I	kg
800.30 L	380	1000
1000.30 L	450	1050
1200.30 L	520	1060

Type series / model Power Deadweight Breakaway force Lifting capacity in kg						
WOKO kW kg kN Slab (safety factor 2)						
S-RLB 10 4.8 730 190 9500						
S-RLB 11.5 5.5 1060 240 12000						
S-RLB 12.5 8.8 1310 280 14000						
Recommended magnetic generator: 9 kW/15 kW						

¹⁾ Weight information without grab suspension, stick bolts, hose system *) Available upon request

²) Half-open shells: shell sheet steel width 400 mm, 500 mm wide for 1250 I capacity and higher

Detailed information on grabs, as well as log grabs, quick-release systems, and other attach-18 ments can be found in the "Attachments" brochure

Dimensions in [mm]





818 M Electro - Loading of a baler with sorting grab



818 M - best overview when loading and unloading trains due to stepless cab elevation





This catalog describes machine models, scopes of equipment of individual models, and configuration options (standard equipment and optional equipment) of the machines delivered by SENNEBOGEN Maschinenfabrik GmbH. Machine illustrations can contain optional equipment and supplemental equipment. Actual equipment may vary depending on the country to which the machines are delivered, especially in regard to standard and optional equipment and tolerances.

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