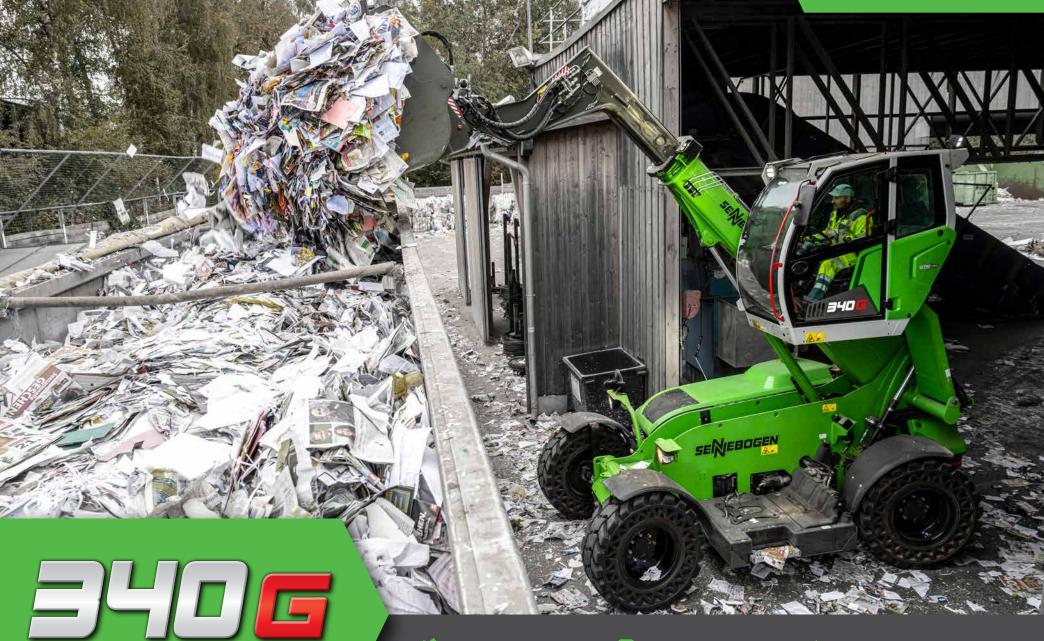
Thinking Beyond the Machine 🕀 🗘 🗘





TELESCOPIC WHEEL LOADER

Standard Lift Capacity 8,820 lb (4,000 kg) A

Vertical Reach 25'3" (7.7m)

Operating Weight* 20,724 lb (9,400 kg)

Undercarriage Rubber Tired

*Operating weight can vary depending on the final machine configuration

THE TELESCOPIC WHEEL LOADER WITH SML POWER.

Built for users who expect more than just a traditional telehandler, our Telescopic Wheel Loader combines the advantages of both telehandler and wheel loader technology in one unique machine. We call these advantages SML Power. A specialist team develops and produces this unique product range at our Wackersdorf plant.

THE BEST OF BOTH WORLDS



We've created a new wheel loader category. Scan to learn more.

Robust Steel Construction

for demanding applications

THINGS





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EVERYONE TALKS ABOUT VISIBILITY VIE ACTUALLY DELIVER IT.

ELEVATING CAB AND 360° ALL-ROUND VISIBILITY



Take a look inside the elevating cab and enjoy the view.

OPTIMAL VISIBILITY CONDITIONS

Optimal loading process

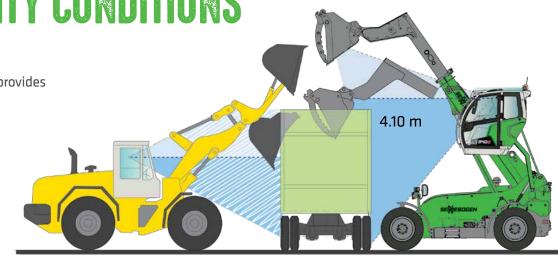
Elevating cab's 13'5" (4.1 m) viewing height provides an ideal view into the truck or container

Safer maneuvering

Clear view of all four tires

Greater visibility

True 360° all-round visibility thanks to large glass panels









TELESCOPIC WHEEL LOADER

GREATER RANGE OPTIMAL STORAGE VOLUME.

SENJEBOGEN

ROBUST. Down to the last detail.

STEEL FRAME

The 340 G's high-strength solid steel frame meets the most demanding service life requirements and has been optimized using the FEM (finite element method). SENNEBOGEN's own steel construction experience ensures the best possible quality.

STEEL TELESCOPIC BOOM

The state-of-the-art telescopic boom has been optimized for heavy-duty applications. The central positioning and sophisticated shape of the boom optimally transfers the forces into the frame. Stress-free operation enables end position damping on both sides of the telescopic cylinder.

The central- and side-guided design optimally absorbs all thrust forces so that the robust frame remains dimensionally stable. The operator can always see along the boom from inside the elevating cab.



TELESCOPIC WHEEL LOADER

STRONG LIKE NO OTHER

SENIEBOGEN

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8 NEXT EVOLUTION TECHNOLOGY

WE'VE CREATED THE NEXT EVOLUTION IN WHEEL LOADER TECHNOLOGY

Maximum break-away force

With the SENNEBOGEN 340 G, the Z kinematics steer the forces into the bucket to maximize power to the bucket operation.

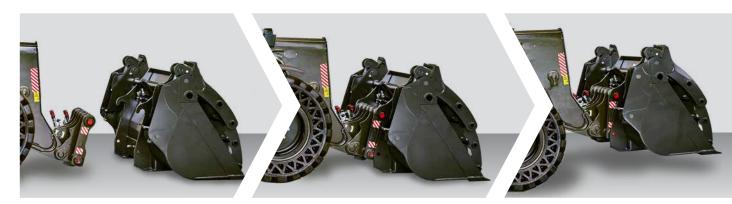
Z KINEMATICS IN DETAIL

Watch the video to see how the Z kinematics work and the benefits they offer.



Change tools at the push of a button

The SENNEBOGEN hydraulic quick-change system perfectly complements the 340 G's Z kinematics. With a reinforced frame, large-scale bolts, and dual-action locking cylinders, everything can be operated at the push of a button.



3406

AN OPTIMAL WIX OF TENSILE FORCE AND SPEED.

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FULL POWER.

The infinitely variable drive system on the 340 G composed of a diesel engine, combined with a variable displacement piston pump, provides ideal performance in all operating conditions.

The drive control system automatically provides maximum torque or maximum speed depending on the operating requirements of the 340 G. This is done automatically without any operator interference.

The standard maximum speed is 12.4 mph (20 km/hr) optionally 24.8 mph (40km/hr).



COMPACT DRIVE®

The 340 G's standard Compact Drive gearbox reduces fuel consumption by operating in a closed-circuit system. The adjustable hydraulic engine and gear drive work together to reduce fuel consumption and increase range.







Our premium MULTICAB allows operators to concentrate on their work and provides a comfortable work environment. The MULTICAB offers a 360-degree view, ergonomic controls, A/C, USB, plus 12- and 24- volt connections so operators can create their ideal cab set up.













ALWAYS RELIABLE.

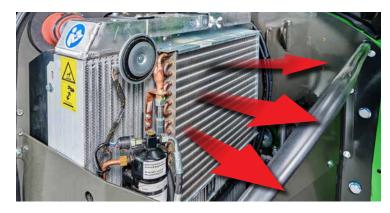


STANDARD REVERSIBLE FAN



Video: The reversible fan protects the engine, especially in dusty conditions.

Sophisticated down to the last detail



The powerful reversible fan is a standard feature. It reliably ensures free air intake and optimal cooling performance, even in adverse conditions.



diesel tank keeps the 340 G in service longer.



TELESCOPIC WHEEL LOADER

IT'S ALL ABOUT MAINTENANCE. SIMPLE AND UNDERSTANDABLE.





1 All service points easy to access thanks to transversely mounted engine.



2 Easy access to the cooler thanks to the folding air conditioning condenser.



 Telescopic boom slide guides are accessible from the outside for ease of maintenance and long service life.





The pipes leading inwards are optimally protected from damage by the boom and ensure a safe supply of hydraulic oil.



 The central lubrication system guarantees an extended service life through continuous and automated lubrication cycles.



6 The arrangement of components offers the best possible access to the control block.

340 **6**

BEYOND THE MACHINE

SENNEBOGEN is on a mission to deliver the lowest Total Cost of Ownership with the industry's best in aftersale service. Expert technical support, available parts and qualified servicing translate into less downtime and more productive years on the job.

- Our 100,000 sq. ft. (9,300 m²) headquarters in Stanley, NC is a multipurpose facility dedicated to supporting customers "beyond the machine."
- Our coast-to-coast network of factory-trained distributors, authorized service providers, and technicians sets the industry standard for outstanding field service.
- SENNEBOGEN application specialists provide customers and dealer sales staff with expert insight into unique challenges.
- SENNEBOGEN's in-house engineering provides custom machine solutions for any application.

The largest inventory of material handler parts in the Americas ensures fast delivery for repairs and service to every fielded SENNEBOGEN machine currently in operation.

98% ORDER FULFILLMENT WITHIN 24 HOURS







TRAINING CENTER OF EXCELLENCE

Our dedicated Training Center in Stanley, North Carolina provides both primary and advance courses, free of charge for our customers. This free training is the same level as dealers and ASPs receive.

Purpose-built For America's Best-Trained Technicians

The main demonstration bay allows hands-on access to machines while the meeting rooms and classrooms are all equipped with the technology required for today's interactive instruction methods.

Truly a Center for developing excellence in service and support for dealers, ASPs, and customer personnel. The SENNEBOGEN Training Center has earned accolades for the quality of the instructors, facilities, and materials.

Free Training Courses Include:

Service • Parts Training • Tree Care • Operator Familiarization

Visit us online at www.sennebogen-na.com/training



Service Level 1

Class Size: 8 Students **Required:** Basic Technical Knowledge

Course Content:

- Machine Safety, Operation & Functions
- Preventive Maintenance
- Read & Understand Hydraulic & Electric Schematics
- Basic Troubleshooting: Magnet System, Hydraulics, Electrics

Service Level 2

Class Size: 8 Students **Required:** Completion of Level 1 Class

Course Content:

- Remote Troubleshooting
- Component Training & Repair
- Failure Analysis
- In-Depth Troubleshooting: Magnet System, Hydraulics, Electrics

Course fees: No charge to SENNEBOGEN dealers, staff, and customers. –
 Courses offered in English and Spanish sessions

PURPOSE-BUILT FACILITIES

Our four factories in Europe support the full range of capabilities for SENNEBOGEN to machine, fabricate, and assemble all major components to our own standards in-house.

> (Pictured here is our main plant in Straubing, Germany)



With nearly 1,000,000 sq. ft. (93,000 m²) of production space in our four manufacturing facilities in Europe, every step of production at SENNEBOGEN is planned to serve individual customer needs. Every critical component and process is completed in-house to assure quality, efficiency, and flexibility on the production line.

- We fabricate our own booms and sticks
- Our lineup is based on a full line of interchangeable platforms
- Our plants are designed to customize each machine, built-to-order
- Your machine is fully inspected and live-tested before it leaves the factory

Modular components used across multiple products allow SENNEBOGEN to deliver purpose-built machines competitively. Shared systems also streamline aftersale parts inventories for customers and their local SENNEBOGEN distributors.









Every configuration of a SENNEBOGEN begins as an identical machine up until the final stage of assembly. The unit is then mounted on your choice of undercarriage or platform, and completed with your preferred equipment and choice of cab.

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TECHNICAL DATA, EQUIPMENT

OPERATING DATA

OPERATING WEIGHT ¹	20,720 lb (9,400 kg)
STACKING HEIGHT	25'3" (7.7 m)
MAX. LOAD CAPACITY (LSP 600 MM)	8,818 lb (4,000 kg)
MAX. LOAD CAPACITY AT MAX. HEIGHT	5,732 lb (2,600 kg)
MAX. LOAD CAPACITY AT MAX. REACH	3,747 lb (1,700 kg)
MAX. TRAVEL SPEED	12.5/18.6/24.8 mph (20/30/40 km/h)
TENSILE FORCE ²	63 kN (14,163 lbf)
BREAK-AWAY FORCE ON THE SHOVEL ³	65 kN (14,613 lbf)

DIESEL ENGINE		
ТҮРЕ	<u>Stage V</u> Cummins F3.8 FR95683 Nominal engine power: 134 HP (100 kW) @ 2,200 rpm Standard operating point: 134 HP (100 kW) @ 2,200 rpm ECO operating point: 122 HP (91 kW) @ 1,600 rpm	
EXHAUST AFTERTREATMENT	DOC + SCR + DPF	
DISPLACEMENT	232 cu. in. (3.8 L)	
MAX. TORQUE	406 lb-ft (550 Nm)	

HYDRAULIC SYSTEM OPERATING PUMP Load sensing variable displacement axial niston numn

	axiai pistoli pullip
OUTPUT	37.4 gpm (170 l/min)
WORKING PRESSURE	4351 psi (300 bar)
OUTPUT ZH1 ⁴	22 gpm (100 l/min)

1

POWER TRANSMISSION	
STEERING ANGLE	36°
DIFFERENTIAL LOCK	100% selectable on the rear axle
SERVICE BRAKE	Internal hydraulic brake
PARKING BRAKE	Hydraulic spring-loaded cylinder

TANK CAPACITIES		
DIESEL TANK	42 gal (159 L)	
HYDRAULIC OIL TANK	37 gal (140 L)	
SCR TANK	4 gal (15 L)	

1) in line with ISO 6016 (weight of the machine with all standard equipment, without a load, with a full fuel tank, with other liquid tanks full [water, hydraulic oil, brake fluid] and the weight of the operator [165 lb(75 kg) ± 6.5 lb(3 kg)])

2) depending on machine version

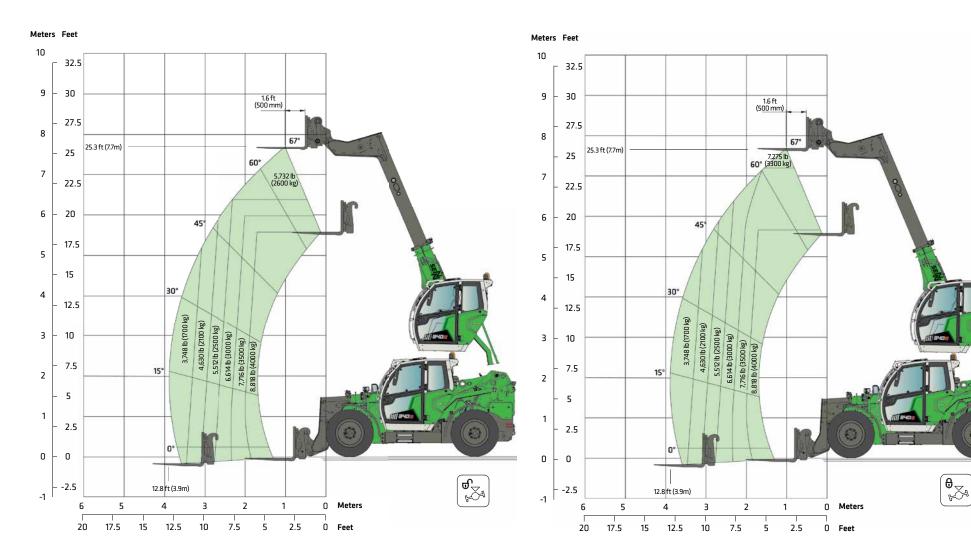
3) calculated

4) ZH = auxiliary hydraulics

LOAD RATINGS AND OPERATIONAL RANGE

Operation with lifting fork / without oscillating axle interlock

Operation with lifting fork / with oscillating axle interlock



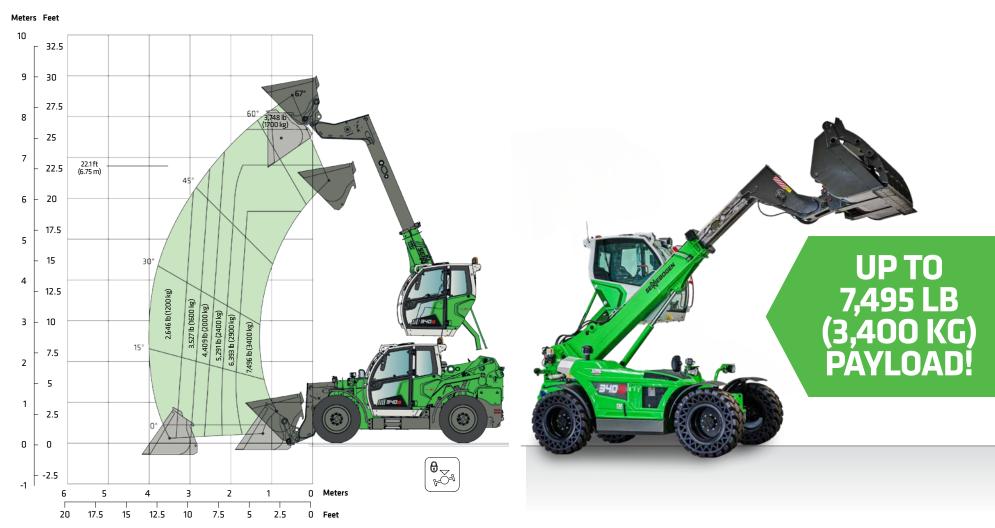
All values according to the safety standard DIN EN 1459 / DIN ISO 22915–14. They apply to the SENNEBOGEN standard lifting fork with a deviation of max. +/- 5° to horizontal. All values according to the safety standard DIN EN 1459 / DIN ISO 22915–14. They apply to the SENNEBOGEN standard lifting fork with a deviation of max. +/- 5° to horizontal.





LOAD RATINGS AND OPERATIONAL RANGE

Operation with shovel / with oscillating axle interlock



The specified load capacities apply only to the use of the SENNEBOGEN loading shovel with 70.6 ft³ (2 m³⁾ loading volume. The permissible bulk material densities must be taken into account. The dead weight of the shovel is included in the payload. Payloads should be moved in the transport position with the boom retracted and lowered.

CLASSIFICATION: Off-road forklift with variable reach - DIN EN 1459. Subject to technical changes. ADDITIONAL OPTIONS AVAILABLE UPON REQUEST.

13'5" (4.1m) eye level

40

SENJEBOGEN

FULL POWER. FULL VISIBILITY.



STANDARD EQUIPMENT AND OPTIONAL EXTRAS

BASIC MODEL

340 G - SENNEBOGEN G-series telehandler (Tier 4 Final) 134 HP (100 kW)	•
Electric engine preheating 230 V incl. socket	0
Pre-separator for air filter, coarse particle degree of separation approx. 98 %	0
Reversible fan	

TΙ	R	ES

400/70 R24 Multimax MP 527 multipurpose profile	
500/70 R 24 Nokian TRI 2 Steel	0
375/85 24 Camso MPT solid rubber tires	0
VSDL D2A 15,5 R25 Bridgestone	0

EQUIPMENT	
Lifting fork	0
Tine adjustment device with side thrust	0
38.8 ft ³ (1.1 m ³) soil shovel without teeth for bulk material density up to 112.3 lb/ft ³ (1,800 kg/m ³)	0
106 ft ³ (3.0 m ³) bulk bucket incl. reversible blade for bulk material density up to 31 lb/ft ³ (500 kg/m ³)	0

88.3 ft³ (2.5 m³) bulk bucket incl. reversible blade Ο for bulk material density up to 56.1 lb/ft³ (900 kg/m³)

56.5 ft³ (1.6 m³) loading shovel for bulk material density up to 62.4 lb/ft^3 (1,000 kg/m³)

70.6 ft³ (2.0 m³) loading shovel for bulk material density up to 68.7 lb/ft^3 (1,100 kg/m³)

56.5 ft³ (1.6 m³) loading shovel with hydr. grab and reversible blade, for bulk material density up to 87.4 lb/ft^3 (1,400 kg/m³)

70.6 ft³ (2.0 m³) loading shovel with hydr. grab and reversible blade, for bulk material density up to 62.4 lb/ft³ (1,000 kg/m³)

DRIVE AND STEERING

Continuously variable travel drive 12.5 mph (20 km/h)	
Continuously variable travel drive 24.8 mph (40 km/h)	0
Crawling function and speed limiter	0
Oscillating axle interlock, rear axle	0

TRAILER OPERATION Shunting coupler 6,614 lb (3,000 kg) Tow bar with automatic coupling; height-adjustable Compressed air brake system for towing operation Socket, 7-pin, rear, for trailer operation

OPERATOR'S CAB AND EQUIPMENT

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SENNEBOGEN Multicab IV Comfort operator's cab with roller sunblind for roof and windscreen, interior Seat belt / 2"

MULTI CAB

	-
Air-suspended comfort operator's seat with seat heating	٠
Cab windscreen with safety glazing	
Cab windshield with bullet proof glass	0
Hammer glass safety glazing for left and right cab windows incl. door	0
Skylight with safety glazing	
Bulletproof glass in skylight	0
Wipers for skylight and rear window	0
FOPS protective guard (Stage 2)	0
Radio / USB, DAB, MP3, Bluetooth	0
Activated carbon filter for Multicab IV, 5 filter kits supplied loose	0
Hand-held fire extinguisher type PD6 (1 unit)	0
Cab lift memory function	0
Operation of the cabin lift via buttons on the control panel	0
Automatic switch-off of diesel engine via seat contact switch	0

COMPACT AND AGILE.

SML

340

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STANDARD EQUIPMENT AND OPTIONAL EXTRAS

ADDITIONAL EQUIPMENT	
Electric engine preheating 230 V incl. socket	0
Electric heater for hydraulic tank, 230 V	0
Pre-separator for air filter, coarse particle degree of separation approx. 98 %	0
Mirrors on right and rear	
Camera system - basic package with 1 camera	0
Camera system - Premium package with 2 cameras	0
Central lubricating bar, easily accessible	0
Automatic central lubrication system	0
WK60-XS telescopic scale	0

HYDRAULIC OIL FILLING	
Hydraulic oil Shell Tellus S2 VA 46	
Bio oil filling (PANOLIN HLP Synth 46)	0
Hydraulic oil Shell Tellus S4 VX 32 (low temperature oil)	0

OPERATING MATERIALS WITHOUT Hydraulic oil filling

Standard operating materials	•
Low temperature operating materials	0

EQUIPMENT

Boom damping	0
Dirt scraper for telescopic arm	0

ADDITIONAL FUNCTIONS FOR EQUIPMENT

Continuous operation ZH1/ZH3*	0
Continuous operation ZH2*	0
ZH3 auxiliary hydraulic circuit on boom head*	0
ZH2 auxiliary hydraulic circuit at the rear*	0
Automatic shovel return	0
Socket for front attachments, 7-pin	0

LIGHTING AND TRAVEL ALERTS

2 LED lights on the basic boom	0
All-round lighting package incl. StVZO lighting (as per German road traffic licensing regulations)	0
1 flashing light on the cab	0
Headlight protective guard, front	0

QUICK-CHANGE SYSTEM

SENNEBOGEN quick-change device – hydraulic	
KRAMER quick-change device	0
JCB quick-change device	0
Manitou quick-change device	0
Volvo quick-change device	0

EU TYPE-APPROVAL

EU type-approval according to Regulation (EU)	0
No 167/2013	
Vehicle class: T1a	

PAINT FINISH / COATING

0
0
-

SENTRACK TELEMETRY SYSTEM

SENtrack telemetry system including • connection fees

POWERFUL WORK HYDRAULICS

Powerful drive, economical consumption

Instantaneous signal processing between the joystick and the main control block ensures sensitive and responsive operation for all the machine's hydraulic functions.

In addition to the main functions – the lift cylinder, tilt cylinder, telescopic cylinder, and the elevating cab – the hydraulic system also has additional connections to operate hydraulic attachments.



EQUIPPED FOR MANY USES



Auxiliary hydraulics 1 (ZH1) For connecting attachments quickly and easily (standard)



Pressure relief for ZH1 Change attachments mechanically at the push of a button (standard)



Continuous operation of ZH1/ZH2 Adjust oil quantity on the membrane keypad (optional)



4-pin socket (24 V) For front attachments on the quick-release system (optional)

Additional auxiliary hydraulics ZH2 Rear hydraulic connection for trailer or similar (optional)

Auxiliary hydraulics ZH3 For operating demanding attachments with several hydraulic functions (optional)

TELESCOPIC WHEEL LOADER



SHOVELS

With SENNEBOGEN shovels you get attachments optimized for the 340 G, which match the machine's high quality standards.

Our shovels are designed with highly wear-resistant materials and hardened components for the tough working conditions of the waste, recycling, and construction industries. The optimized shape and center of gravity is ideal for long-term continuous loads.





Unleash the full potential of the 340 G with SENNEBOGEN shovels:

- Utilization of maximum break-away force and payload
- / Lower fuel consumption
- 🥖 Reduced drive train load
- 🖉 Shorter loading cycles
- Greater working comfort and safety with the hold-down shovel





SOIL SHOVEL

38.8 ft³ (1.1 m³) soil shovel without teeth

Bulk material density: up to 112.4 lb/ft 3 (1,800 kg/m 3)

Shovel weight: approx. 1,279 lb (580 kg)

LOADING SHOVEL

56.5 ft³ (1.6 m³) loading shovel for bulk material density up to 75 lb/ft³ (1,200 kg/m³), shovel weight approx. 1,300 lb (590 kg)

70.6 ft³ (2.0 m³) loading shovel for bulk material density up to 68.7 lb/ft³ (1,100 kg/m³), shovel weight approx. 1,433 lb (650 kg)

HOLD-DOWN SHOVEL

56.5 ft³ (1.6 m³) loading shovel with hydr. grab and reversible blade for bulk material density up to 87.4 lb/ft³ (1,400 kg/m³), shovel weight approx. 2,645 lb (1,200 kg)

70.6 ft³ (2.0 m³) loading shovel with hydr. grab and reversible blade for bulk material density up to 62.4 lb/ft³ (1,000 kg/m³), shovel weight approx. 2,756 lb (1,250 kg)

LIGHT-GOODS SHOVEL

88.3 ft³ (2.5 m³) bulk shovel incl. reversible blade for bulk material density up to 56.2 lb/ft³ (900 kg/m³), shovel weight approx. 1,742 lb (790 kg)

106 ft³ (3.0 m³) bulk shovel incl. reversible blade for bulk material density up to 31.2 lb/ft³ (500 kg/m³), shovel weight approx. 1,852 lb (840 kg)

TIRES

No matter what the application, it's the ground that forms the contact surface with the machine. Only the right tires can provide optimum safety.

We will provide you with the best tires for your application. Rely on our experience and get advice on achieving the best performance, safety, and service life.



STANDARD

BKT MULTIMAX MP 527 400/70 R24

Universal multipurpose tires with first-class traction for agro-industrial applications



INDUSTRY

NOKIAN TRI 2 STEEL 500/70 R24

MPT steel-reinforced profile for industrial and recycling plants



CAMSO MPT 793S 375/85-24

Solid rubber tires 12.00-24. Width approx. 11" (300 mm)



15,5 R25 BRIDGESTONE VSDL D2A

Extremely robust LS pneumatic tires for maximum protection e.g. in scrap yards, quarries, or for tough recycling applications



ELESCOPIC WHEEL LOADER

LONG WHEELBASE. HIGH STABILITY.

(1997) CP3

SENJEBOGEN

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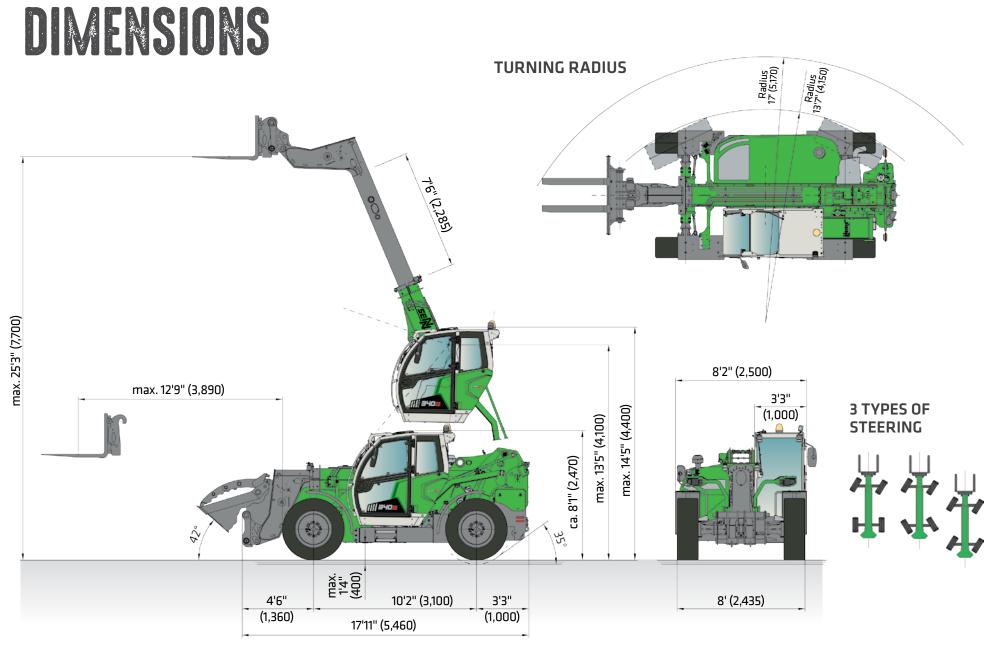
HIGH MANEUVERABILITY AND LONG WHEELBASE



3406

This video shows you how surprisingly agile our telehandler is.

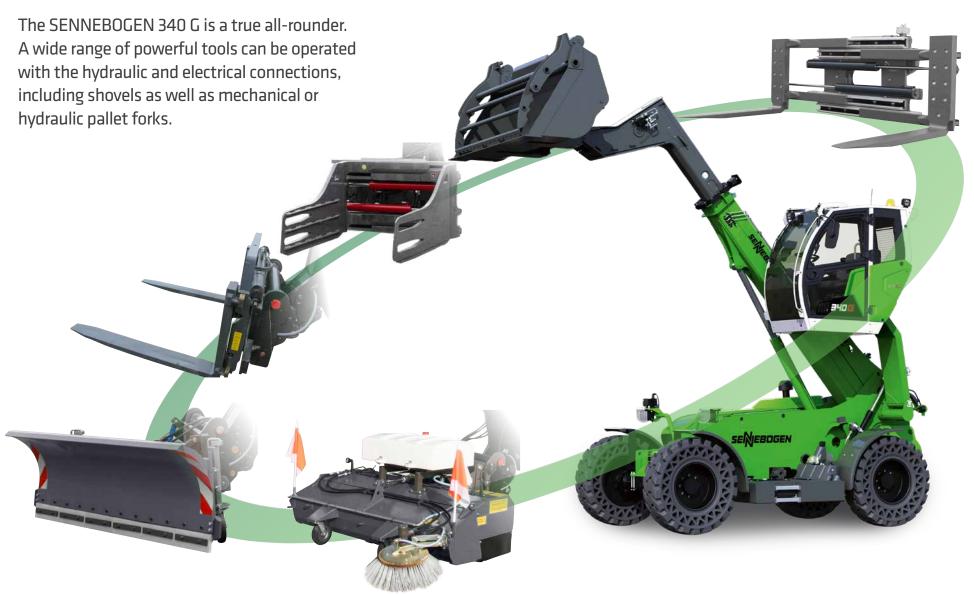
32 WHEELBASE & DIMENSIONS



Measurements in (mm) **CLASSIFICATION:** Off-road forklift with variable reach - DIN EN 1459 Subject to technical changes. Additional options available upon request.



YOUR MACHINE. MULTIFUNCTIONAL.



SERVICE: KEEP IT SIMPLE WITH Manageable technology.



Clear control panel and display console including error code display.



Spacious access to the engine compartment with just one handle. The side plate of the engine nacelle can also be removed.



Ensure the best possible support for your 340 G with the industry's largest network of factory-trained technicians.

OUR SERVICE PHILOSOPHY.



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



A streamlined process with cost-effective components enables self-directed maintenance.

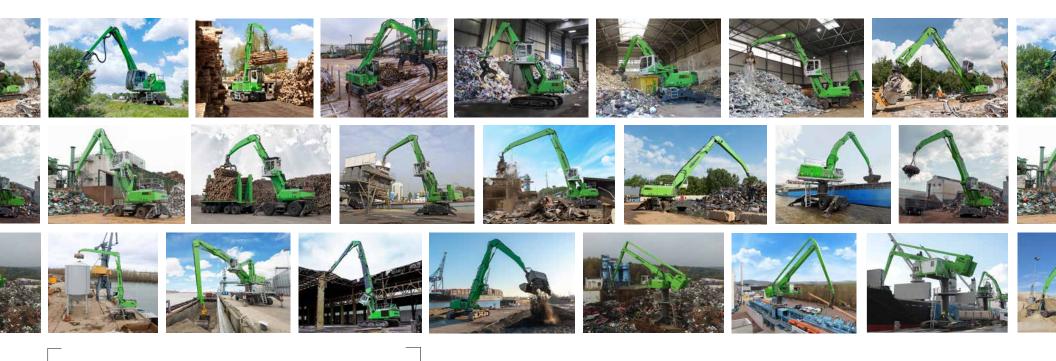


The central electrical distributors and electronic modules facilitate maintenance, service, and troubleshooting.

EXTENDED WARRANTY

SENNEBOGEN guarantees the steel components of the 340 G (in particular the frame and telescopic arm) for **three years** or **10,000 operating hours**, whichever comes first.

OUR COMPLETE LINE OF PURPOSE-BUILT MATERIAL HANDLERS





SENNEBOGEN LLC 1957 Sennebogen Trail Stanley, NC 28164 USA

 Phone
 +1 (704) 347-4910

 Fax
 +1 (704) 347-8894

 Email
 sales@sennebogenllc.com