CONSTRUCTION EQUIPMENT





MEDIUM EXCAVATOR SWE 155F

Machine Weight: 15 600 kg

Engine Power: 93 kW



MASTERFUL DESIGN FOR BEST AVAILABLE DIGGING FORCE

Presenting the SWE 155F

I take great pride in introducing the **SWE 155F medium excavator** – specifically designed and certified for European market requirements. This 15.6t medium excavator is the perfect fit for large construction – be it roads or buildings, quarrying, demolition or forestry. It is designed to be versatile and durable, with a long lifetime. The SWE 155F's masterful design, EU Stage V engine, and enhanced hydraulics system deliver smooth operation and high productivity.

This top-of-the-line medium excavator offers excellent performance, comfortable and safe operation, and convenient maintenance. A product of our company's innovative DNA, the SWE 155F creates value for our customers and improves the quality of life.

In just 20 years, Sunward has grown to become one of the world's top 50 construction machinery manufacturers and top 20 excavator companies. Today, our products are exported to more than 100 countries worldwide.

Thank you for sharing our pride!

Professor He

Professor He

Main features

RELIABLE, POWERFUL AND DURABLE

We never compromise on reliability. And the 15.6t SWE 155F is no exception – we know it will be used by professional construction companies that expect the best. So, just like our other machines, all key components come from the world's top premium brands. From the Cummins EU Stage V engine to the Japanese-made hydraulic system, all is set for reliability, durability and enhanced performance. Sunward's unique hydraulic system enhances this machine's performance by providing one of the most powerful bucket breakouts on the market.

VERSATILE AND OPTIMIZED

Because a 15t machine is essentially a multiple large job site machine, it must be versatile. The SWE 155F has 3 major working modes and 3 extra working modes for the attachments – making this machine's versatility second to none. So, Sunward provides the highest flexibility on the market as standard, accommodating any working requirement and tool (including tiltrotators).

SAFE AND COMFORTABLE

Because we know that safety and comfort should go hand-in-hand, the SWE 155F keeps you safe and provides every comfort in all working conditions. The fully EU-certified cab features FOPS, TOPS and ROPS requirements, from the reinforced undercarriage to the reinforced frames for the boom and arm. And thanks to the full visibility provided by 3 perfectly positioned LED lights as a standard feature, you stay safe, day and night.

EASY TO MAINTAIN AND SERVICE

All Sunward machines are designed, prototyped and then disassembled – in the spirit of reverse engineering – simply to test how easy they are to be serviced and maintained. And they are! From ground-level access to service components, to the availability of parts – maintaining the SWE 155F is easy and simple. So, it's no surprise that an operator only needs to try out our machines to be thoroughly convinced!



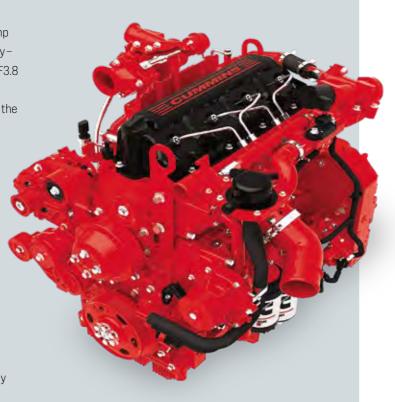
Reliable, Powerful and Durable

All key components are carefully selected

Achieving near-zero emission levels, while delivering from 74,8 hp to 133 hp (55–98 kW) without compromising power, performance, or fuel economy– that's the challenge fully met by the compact and powerful Cummins QSF3.8 engine. This engine enjoys wide popularity in the market, and so it has an extensive service network. It's the engine Sunward required to power the SWE 155F – and the fact that it complies with the European Union's Stage V and EPA Tier 4 emission requirements goes without saying.

The hydraulics are often regarded as the heart of the machine. That's why Sunward sources exclusively from the highest references in the market. For the SWE 155F, we selected Japanese premium brands KPM for the hydraulic pump and swing motor and KYB to be our main supplier for the Main Control Valve (MCV). Both highly reliable brands are known for their high efficiency and longlife components, designing them specifically to meet the demands of hydraulic excavators.

To provide the best value to the user, we apply our 'Innovation Leads to Value' motto to every single element of the machine – even to externally sourced components and the way we integrate them.



Premium brand critical components



With this new premiumquality pump, and our innovative thinking, we increased the machine's displacement by 7%, power by 4%, and volume efficiency by 6% – making the entire excavator more energyefficient. **KYB** Main Control Valve (MCV)



A large port size MCV provides more flow capability and less flow resistance – generating less heat and energy consumption, while still allowing a faster working speed. Our professional and dedicated calibration provides the operator with a better operating experience. **KPM** Swing Drive Motor



Our large displacement and

big torque motor features

multiple functions, such as

self-lock, anti-rebounding,

duplicate brake system to

ensure smooth operations.

and hydraulic and mechanical

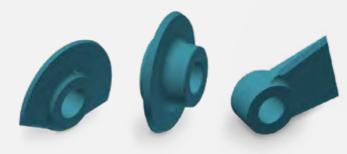
NABTESCO Travelling motor



Each track is driven by a 2-speed automatic shifting travel motor equipped with multiple discs and springlocked and hydraulic-released brake. The unchallengeable traveling speed can reach up to 5.3 km/h.

A manufacturing process designed for reliable operations

The key parts of the SWE 155F, such as the boom and the arm, are designed with an increased sheet material thickness. All supporting elements are made of high-strength, high-ductility and structural steel die-forged pieces. This has the great advantage of providing elements with both high wear-resistance and structural strength. This process delivers a massive increase in reliability operating under heavy-duty work.



Forged supporting elements

STRESS RELIEF PROCESS FOR STRENGTH AND DURABILITY

The SWE 155F is meant to handle normal construction work as well as it handles the heavy-duty work. That's why it's important to integrate that requirement in the initial stage of the machine's production. The SWE 155F's heavyduty implements are delicately annealed, which completely eliminates the residue stress in weld seams and increases the machine's reliability significantly.

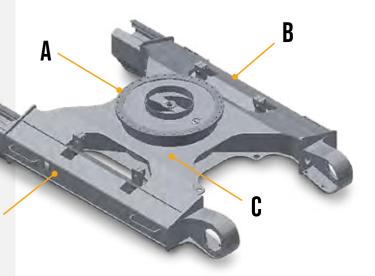
THE ANNEALING PROCESS

After welding, the natural cooling process (with the risk of uneven cooling) is prevented by heating the metal in an isolated chamber to 600–800°C and then cooled down slowly. This controlled cooling process – which usually takes 5–8 hours – permeates the texture of the steel with much better uniformity and compactness, while avoiding residual stress and defects. Therefore, it increases the durability of the machine. This kind of cooling process is usually not adopted by manufacturers who want to save time and money. But at Sunward, we do not compromise on quality – we strive to provide machines of the highest reliability and durability.

B



The swing arm and bucket rod are designed with the reliability standard of 20 000 hours.



REINFORCED X CHASSIS WITH EXCELLENT RESISTANCE TO DISTORTION

- A. The seat of the slewing bearing is made of one ring-forged piece to reduce welding.
- B. A track frame with a larger cross-sectional side box and a thickened bottom plate are used to improve the overall strength.
- C. Both the cross-section area of the X-shaped frame and the plate thickness are increased to improve the overall strength.

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Versatile and Optimized

Designed for versatility

In the spirit of Sunward's motto -'Innovation Leads to Value' - the design and engineering of the SWE 155F is focused on generating optimal value for the machine's owner, while offering optimum versatility to the machine's operator. The SWE 155F can be used in a large variety of working conditions and applications. And thanks to the 3 separate auxiliary lines, the 3 bucket working modes, and the 3 attachment work modes, an operator needs only a few minutes to fully appreciate the possibilities offered.





Additional protection for hoses

The highest auxiliary lines standard set-up available on the market

The SWE 155F can adapt to any job site, thanks to the complete auxiliary settings that are built-in as standard - providing fully adjustable pressure and flow monitoring for all types of attachments, including a tiltrotator.

This results in no less than 3 separate auxiliary lines as standard (while the market provides 1 or 2 lines as standard), which are distributed as follows:

- 1 line at the boom of the arm (AUX1), which is used primarily for the hydraulic quick-hitch
- · 1 line for greater flow to fulfill the requirements of a flow-demanding attachment, such as a breaker (AUX2)
- 1 line with lesser flow as an extra line for attachments that are equipped with 2 actuators (AUX3)

2 of these auxiliary lines are equipped with a shut-off valve, making the attachment installation easy and oil leakage-free.

3 attachment work modes

AUX 2 lines

Operators enjoy both versatility and fuel consumption optimization thanks to each dedicated mode:

System Settings			В	S	C
Mude	Assistance	States	HYDRAULIC	HYDRAULIC	HYDRAULIC
B	Breaker		BRFAKFR	SHEAR JAWS	COMPACTOR
s	Shear		DHERINEH		
C	Compactor				

The SWE 155F can accurately match the different requirements of a wide variety of attachments - and under each attachment work mode, the auxiliary circuit flow can be set on the simple and clear monitor screen. So, you don't need to adjust the flow mechanically.

Designed for optimization

The Hyperbolic Curve and super Wear-Resistant New Style Bucket provides incredible operating efficiency. Both bottom and side plates of the bucket are made of high-strength wear-resistant steels from a premium brand, which makes the machine suitable for highly abrasive jobs. With this innovative design, the digging resistance is reduced significantly. So, digging is much smoother, and fuel consumption is significantly lower.

COMPARISON OF BUCKET DIGGING TRAJECTORIES

Simple curve design

lyperbolic curve Sunward ntimized desig



3 bucket working modes

The operator can choose the proper working mode to fulfill different types of jobs.

LIGHT	
MODE	

for light duty job

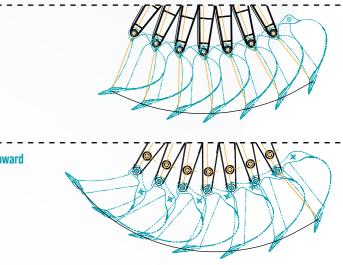
STANDARD MODF

to get the job done with greater fuelefficiency

HEAVY MODE

THE SWE 155F **IS SYNONYMOUS WITH EASY CONNECTION AND** EASY OPERATION.

The machine accepts several attachments to perform all desired jobs.



Best digging force available leading to low consumption

The SWE 155F's low 345-bar pressure generates the highest digging force -76 kN – in the market. Sunward's machine also has the

highest hydraulic efficiency, which results in low fuel consumption. Remember: with Sunward, Innovation Leads to Value!

for hard digging or to get the job done more efficiently



3 auxiliary lines as standard make working with tiltrotators easy

Safe and Comfortable

On top of their EU certification, all Sunward machines on the European market are designed to meet European customer needs. And that includes no compromise between comfort and safety.



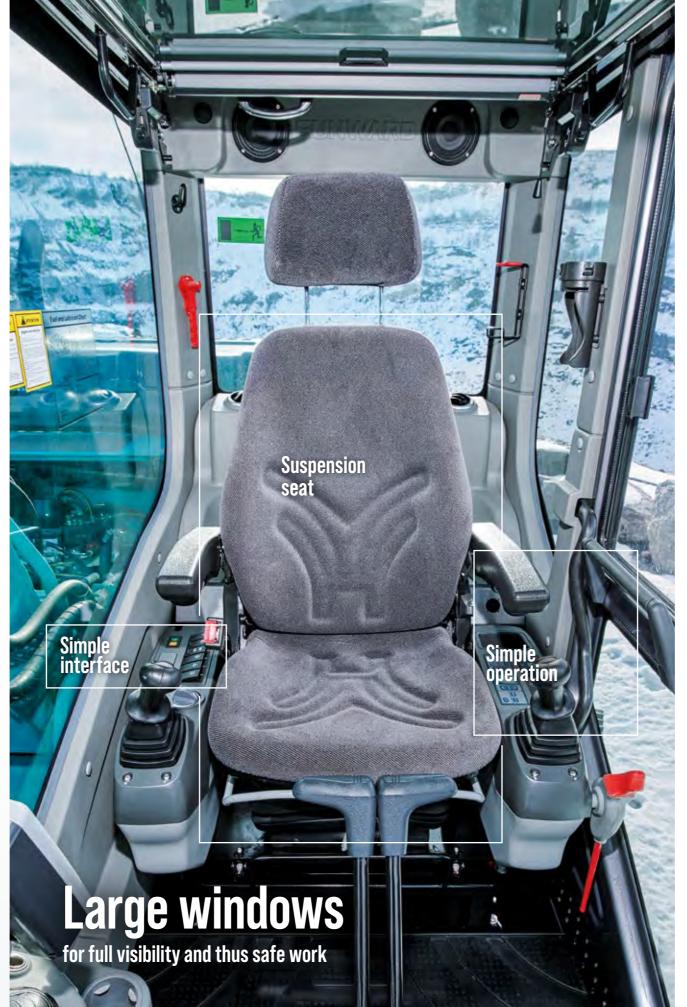
Robust undercarriage for stability

The large undercarriage provides robust stability enhanced by 7 lower rollers and 2 top rollers. This concept ensures safety, comfort and maintainability.



Engine STOP protection for extra safety

The SWE 155F's engine protection system helps prevent progressive engine damage by proactively warning the operator of potentially damaging engine conditions and by derating or shutting down. Sunward's engine start & stop protection technology reduces engine wear due to improper operation, prolonging the engine's service life.



Fully equipped and spacious cab

The high-strength SWE 155F cab meets FOPS, TOPS and ROPS requirements, which are standard and among the first features to ensure a safe and comfortable job in all application environments. The easy access to the roomy cab welcomes operators of all sizes from everywhere in Europe. Thanks to the large windows and the well-organized cab, all is designed to keep operators comfortable and productive as well as safe.

The large suspension seat provides 6 degrees of freedom and a safety belt that is friendly to operators of all sizes. The air conditioning has larger vents, which regulate the interior temperature automatically, providing a better cooling or heating experience. With the adjustable arm rest and the radio with USB ports, the cab's features promote efficiency and comfort. Finally, the safety pack – including fire extinguisher, safety hammer, and safety belt – contributes to overall peace of mind.







360° view and full parameters at a glance

Thanks to the large cab and roof windows, operators work as if they are immersed in a clear glass bubble. Visibility and safety accompany them each step of the way. And the easy-to-read 5.7" color monitoring screen – with centralized functions and simple interface for easy operation – makes all key information readily accessible: machine status, engine rpm and temperature, coolant temperature, fuel level, error code, throttle gear, menu and switches and loading counter. The simple layout of the controls and the LCD display add to the great ease of operation.

Easy Maintenance and Service

Centralized service points

To reduce maintenance time and cost, the covers at the rear and on the side open fully to provide direct access to the service points. With very easy access to the fuel tank and centralized grease fittings, the SWE 155F is as easy to maintain as it is to operate.



Did you know?

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Operators and maintenance teams can enjoy a machine that has been designed, prototyped and then disassembled – in the spirit of reverse engineering – to facilitate all service and maintenance operations.





UP TO **SYEARS** OF WARRANTY STANDARD FOR ALL SUNWARD PRODUCTS

Best Value for Money from A to Z

The SWE 155F's expert design includes a well-thoughtout selection of components that streamline operation and maintenance. Our design choices result in a machine that provides so many standard features, premiumbrand key components, and capabilities at the right price. And furthermore, Sunward's own genuine spare parts are economical as well – and all of this best value for money is crowned by a 3-year standard warranty.

11

Direct Support within Europe

Sunward's European headquarters are strategically located in Tessenderlo, Belgium, in the heart of Europe: 45 minutes from Brussels International Airport and 60 minutes from the port of Antwerp.

Machines & Parts -**Readily available**

From its Tessenderlo headquarters, Sunward Europe can ensure rapid delivery of machines and spareparts everywhere in Europe. Sunward machines and parts enjoy exceptional availability. Machines can be delivered very quickly from local dealers, and Sunward machine operators benefit from quick and easy access to a large parts distribution center in Tessenderlo. Sunward Europe guarantees an availability rate of 95% for its spare parts.





PARTS CAN BE DELIVERED WITHIN 24 HOURS

. 24^h

Dealers all over Europe, UK and Middle-East

Dealers are at the heart of Sunward's passion for continuous improvement. Our dealers' knowledge is a real asset - their feedback from serving local market needs enhances our engineering and design innovations. Sunward's innovations create value – for machine operators and, ultimately, for our dealers.

Sunward provides Best Value for Money products to dealers and operators in a number of ways, especially through our Dealers' Parts Warehouse (DPW).



EQUIPMENT

The standard and optional equipment varies from country to country. For more information, please contact us.

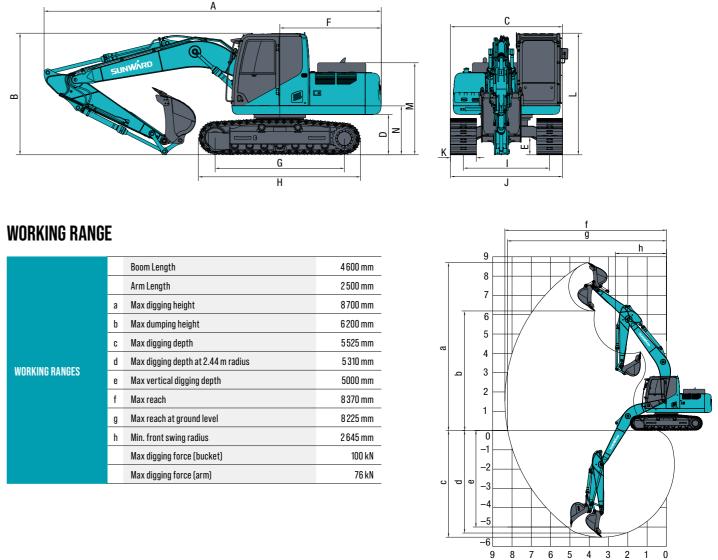
Induction descention Intervention Intervention Broben descention Intervention Intervention Intervention ENGINE Air filter with indicator Intervention Intervention Intervention Energency engine shutdown device Intervention Intervention Intervention Intervention Doing unit easy for cleaning Intervention Intervention Intervention Intervention Boom and arm regeneration valve Intervention Intervention Intervention Intervention Boom and arm negeneration valve Intervention Intervention Intervention Intervention Boom and arm negeneration valve Intervention Intervention Intervention Intervention Boom and arm holding valve Intervention Intervention Intervention Intervention Boom and arm holding valve Intervention Intervention Intervention Intervention Intervention System Intervention circuit line to arm end (2 pipes) Intervention Intervention Intervention Intervention Intervention Intervention </th <th></th> <th></th> <th>STANDARD Equipment</th> <th>OPTIONAL Equipment</th>			STANDARD Equipment	OPTIONAL Equipment
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Emergency engine shutdown device •• Idi filtering system •• Cooling unit easy for cleaning •• Automatic pressure-boosting hydraulic system •• Boom and arm regeneration valve •• Auxiliary hydraulic valve •• Corbined flow system, boom priority, arm priority, and swing priority •• Boom and arm holding valve •• Boom and arm holding valve •• Multi-stage filtering system •• Ist Auxiliary hydraulic circuit line to arm end [2 pipes] •• St Auxiliary hydraulic circuit line to arm end [2 pipes] •• It Hydraulic quick hitch line to arm end [2 pipes] •• Boff-diagnosable system •• Verture pipe [1 pipe] •• Hydraulic quick hitch •• Self-diagnosable system •• Automatic idling system •• Adjustable LCD color monitor •• Restarting-prevention circuit for engine •• Battery [2-12 V/120 Ah] •• Advanced mode control system •• Safe shutdown/startup function •• Safe shutdown/startup function	ENGINE	Multi-stage fuel filtering system	•	
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Local product Automatic pressure-boosting hydraulic system Image: constraint or system Boom and arm regeneration valve Image: constraint or system Image: constraint or system Image: constraint or system Auxiliary hydraulic valve Image: constraint or system Image: constraint or system Image: constraint or system Boom and arm holding valve Image: constraint or system Image: constraint or system Image: constraint or system Boom and arm holding valve Image: constraint or system Image: constraint or system Image: constraint or system Boom and arm holding valve Image: constraint or system Image: constraint or system Image: constraint or system Boom and graph bydraulic circuit line to arm end [2 pipes] Image: constraint or system Image: constraint or system If dydraulic quick hitch Image: constraint or system Image: constraint or system Image: constraint or system Automatic idling system Image: constraint or system Image: constraint or system Image: constraint or system ELECTRONC/CONTROL Self-diagnosable system Image: constraint or system Image: constraint or system Image: constraint or system ELECTRONC/CONTROL Sife shutdown/startup function<		Oil filtering system	•	
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FUDRAULC Ning relief & cushion valve		Automatic pressure-boosting hydraulic system	•	
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[2 pipes] • 3rd hydraulic quick hitch line to arm end [2 pipes] • Dil return pipe [1 pipe] • Hydraulic quick hitch • Hydraulic quick hitch • ELAC system • Self-diagnosable system • Automatic idling system • Adjustable LCD color monitor • Restarting-prevention circuit for engine • Battery (2×12 V/120 Ah) • Advanced mode control system • Advanced mode control system • Safe shutdown/startup function • System • Main electrical disconnector • 2× High-performance LED work lights on both sides of the boom • 1× High-performance LED work light on right side of turntable • Starting motor • • Auto-lubrication system • •			•	
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Hydraulic quick hitch • Hydraulic quick hitch • ELAC system • Self-diagnosable system • Automatic idling system • Adjustable LCD color monitor • Restarting-prevention circuit for engine • Battery (2×12 V/120 Ah) • Advanced mode control system • Advanced mode control system • Safe shutdown/startup function • System • Main electrical disconnector • 2× High-performance LED work lights on both sides of the boom • 1× High-performance LED work light on right side of turntable • Starting motor • • Auto-lubrication system • • Electric refuelling pump • •		3rd hydraulic quick hitch line to arm end (2 pipes)	•	
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Restarting-prevention circuit for engine • Battery (2×12 V/120 Ah) • Advanced mode control system • ELECTRONIC/ Engine speed sensor-based power control system • Safe shutdown/startup function • • Nain electrical disconnector • • 2× High-performance LED work lights on both sides of the boom • • 1× High-performance LED work light on right side of turntable • • Starting motor • • • Auto-lubrication system • • •		Automatic idling system	•	
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Main electrical disconnector • 2× High-performance LED work lights on both sides of the boom • 1× High-performance LED work light on right side of turntable • Starting motor • Auto-lubrication system • Electric refuelling pump •	CONTROL	Safe shutdown/startup function	•	
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Electric refuelling pump		Starting motor	•	
		Auto-lubrication system		•
Smart fleet system •		Electric refuelling pump		•
		Smart fleet system		•

TOPS / FOPS / ROPS cab ● Spring aided silicone oil shock absorber ● Radio (equipped with MP3 player and USB interface) ● All-weather soundproof cab ● Left and right control levers and control handles ● Dual proportional Joysticks ● Multi-directional adjustable seat ● Cup holder ● Fire extinguisher ● Cup holder ● Fully-automatic air conditioner ● Pilot cut-off lever ● Windscreen wiper ● Openable roof-top and left windows, turn-over front wind shield ● Rearview mirror ● Cigar lighter ● Sunshade curtain ● Beacon light ● Travel alarm ● Rear camera ● Cab heak light ● One bucket standard ● Mout coupler ● One mbucket ●
Adio (equipped with MP3 player and USB interface) • •
and USB interface) 0 All-weather soundproof cab 0 Left and right control levers and control handles 0 Dual proportional Joysticks 0 Multi-directional adjustable seat 0 Fire extinguisher 0 Safety hammer 0 Cup holder 0 Pilot cut-off lever 0 Pilot cut-off lever 0 Vindscreen wiper 0 Openable roof-top and left windows, turn-over front wind shield 0 Rearview mirror 0 Cigar lighter 0 Beacon light 0 Travel alarm 0 Rear camera 0 Cab back light 0 One bucket standard 0 Motic coupler 0 One bucket standard 0 S00 mm bucket 0
CAB AND INTERNAL DEVICESLeft and right control levers and control handles•CAB AND INTERNAL DEVICESMulti-directional adjustable seat•Fire extinguisher••Cup holder••Cup holder••Pilot cut-off lever••Windscreen wiper••Openable roof-top and left windows, turn-over front wind shield•Rearview mirror••Cigar lighter••Sunshade curtain••Beacon light••Travel alarm••Rear camera••Cab headlight••One bucket standard••600 mm bucket••900 mm bucket••
Dual proportional Joysticks.Multi-directional adjustable seat.Fire extinguisher.Safety hammer.CAB AND INTERNAN DEVICESFully-automatic air conditioner.Pilot cut-off lever.Pilot cut-off lever.Openable roof-top and left windows, turn-over front wind shield.Rearview mirror.Cigar lighter.Sunshade curtain.Beacon light.Rear camera.Cab headlight.Cab headlight.Cab headlight.One bucket standard.900 mm bucket.900 mm bucket.
AB AND INTERNAL DEVICESMulti-directional adjustable seat••Fire extinguisher••Safety hammer••Cup holder••Fully-automatic air conditioner••Pilot cut-off lever••Vindscreen wiper••Openable roof-top and left windows, turn-over front wind shield••Rearview mirror••Cigar lighter••Sunshade curtain••Beacon light••Travel alarm••Rear camera••Cab headlight••Cab headlight••One bucket standard••Ouick coupler••One bucket••900 mm bucket•• <t< td=""></t<>
Fire extinguisher •• Safety hammer •• Cup holder •• Cup holder •• Fully-automatic air conditioner •• Pilot cut-off lever •• Windscreen wiper •• Openable roof-top and left windows, turn-over front wind shield •• Rearview mirror •• Giagr lighter •• Sunshade curtain •• Beacon light •• Travel alarm •• Cab headlight •• Cab headlight •• One bucket standard •• 600 nm bucket •• 900 mm bucket ••
CAB AND INTERNAL DEVICESSafety hammer•Fully-automatic air conditioner•Pilot cut-off lever•Pilot cut-off lever•Openable roof-top and left windows, turn-over front wind shield•Rearview mirror•Cigar lighter•Beacon light•Travel alarm•Rear camera•Cab headlight•Cab back light•One bucket standard•900 mm bucket•900 mm bucket•
CAB AND INTERNAL DEVICES Cup holder • Fully-automatic air conditioner • • Pilot cut-off lever • • Vindscreen wiper • • Openable roof-top and left windows, turn-over front wind shield • Rearview mirror • • Cigar lighter • • Sunshade curtain • • Beacon light • • Travel alarm • • Cab headlight • • Cab headlight • • One bucket standard • • 900 mm bucket • •
CAB AND INTERNAL DEVICES Fully-automatic air conditioner • Pilot cut-off lever • • Windscreen wiper • • Openable roof-top and left windows, turn-over front wind shield • • Rearview mirror • • • Cigar lighter • • • Sunshade curtain • • • Beacon light • • • Travel alarm • • • Cab headlight • • • Cab back light • • • One bucket standard • • • 900 mm bucket • • •
AND INTERNAL DEVICES Pilot cut-off lever • Vindscreen wiper • • Openable roof-top and left windows, turn-over front wind shield • • Rearview mirror • • • Cigar lighter • • • Sunshade curtain • • • Beacon light • • • Travel alarm • • • Rear camera • • • Cab headlight • • • Quick coupler • • • One bucket standard • • • 900 mm bucket • • •
DEVICES Pilot cut-off lever • Windscreen wiper • • Openable roof-top and left windows, turn-over front wind shield • • Rearview mirror • • • Cigar lighter • • • Sunshade curtain • • • Beacon light • • • Travel alarm • • • Rear camera • • • Cab headlight • • • Quick coupler • • • One bucket standard • • • 900 mm bucket • • •
Appenable roof-top and left windows, turn-over front wind shield •• Rearview mirror •• Cigar lighter •• Sunshade curtain •• Beacon light •• Travel alarm •• Rear camera •• Cab back light •• Quick coupler •• One bucket standard •• 900 mm bucket ••
Attractments • Rearview mirror • Cigar lighter • Sunshade curtain • Beacon light • Travel alarm • Rear camera • Cab headlight • Cab back light • Quick coupler • One bucket standard • 900 mm bucket •
Cigar lighter • Sunshade curtain • Beacon light • Travel alarm • Rear camera • Cab headlight • Cab back light • Quick coupler • One bucket standard • 900 mm bucket •
Sunshade curtain • Beacon light • Travel alarm • Rear camera • Cab headlight • Cab back light • Quick coupler • One bucket standard • 900 mm bucket •
ATTACHMENTS Beacon light Travel alarm Rear camera Cab headlight Cab back light Quick coupler One bucket standard 600 mm bucket 900 mm bucket
Travel alarm • Rear camera • Cab headlight • Cab back light • Quick coupler • One bucket standard • 600 mm bucket • 900 mm bucket •
Rear camera • Cab headlight • Cab back light • Cab back light • Quick coupler • One bucket standard • 600 mm bucket • 900 mm bucket •
Cab headlight • Cab back light • Cab back light • Quick coupler • One bucket standard • 600 mm bucket • 900 mm bucket •
Cab back light • Quick coupler • One bucket standard • 600 mm bucket • 900 mm bucket •
ATTACHMENTS Unick coupler Quick coupler Quick coupler One bucket standard One bucket One
ATTACHMENTS One bucket
ATTACHMENTS 600 mm bucket 900 mm bucket
ATTACHMENTS 900 mm bucket •
900 mm bucket
1000 mm husket
Dozer blade •
4600 mm boom •
Boom safety valve
2500 mm arm •
ARM Arm saftey valve •
Steel tracks 600 mm •
Steel tracks 700 mm
TRACK Steel tracks 800 mm
Rubber pads for steel tracks
OTHERS Hand rail

TECHNICAL PARAMETERS

2 500 mm 7 825 mm 2 825 mm 2 600 mm 940 mm 410 mm 2 355 mm 3 3000 mm 3 765 mm 2 000 mm 2 600 mm 2 825 mm 2 145 mm 1 135 mm 1 135 mm 1 135 mm 1 135 mm 2 145 mm 1 135 mm 1 135 mm
7 825 mn 2 825 mn 2 600 mn 9 40 mn 4 10 mn 2 355 mn 3 000 mn 3 765 mn 2 000 mn 2 600 mn 2 825 mn 2 145 mn 1 135 mn 1 135 mn 1 5 600 kg 0.61 m Cummin: EU Stage N
2 600 mm 940 mm 2355 mm 3 000 mm 3 765 mm 2 000 mm 2 600 mm 2 825 mm 2 145 mm 1135 mm 1135 mm 15 600 kg 0.61 mm Cummins EU Stage N
940 mm 410 mm 2355 mm 3 000 mm 3 765 mm 2 000 mm 2 600 mm 2 825 mm 2 145 mm 2 145 mm 1 135 mm 1 135 mm 1 5 600 kg 0.61 m Cummins EU Stage N
410 mn 2355 mn 3 000 mn 2 000 mn 2 600 mn 2 600 mn 2 825 mn 2 145 mn 1 135 mn 1 135 mn 1 5 600 kg 0.61 m Cummin: EU Stage N
2355 mm 3 000 mm 3 765 mm 2 000 mm 2 600 mm 600 mm 2 825 mm 2 145 mm 1 135 mm 1 135 mm 1 135 600 kg 0.61 m Cummins EU Stage N QSF3. 8
3 000 mm 3 765 mm 2 000 mm 2 600 mm 600 mm 2 825 mm 2 145 mm 1 135 mm 1 135 mm 1 5 600 kg 0.61 m Cummins EU Stage N
3 765 mn 2 000 mn 2 600 mn 6 00 mn 2 825 mn 2 145 mn 1 135 mn 1 135 mn 1 5 600 kg 0.61 m Cummin: EU Stage N
3 765 mn 2 000 mn 2 600 mn 6 00 mn 2 825 mn 2 145 mn 1 135 mn 1 135 mn 1 5 600 kg 0.61 m Cummin: EU Stage N
2 000 mm 2 600 mm 600 mm 2 825 mm 2 145 mm 1 135 mm 1 135 mm 1 5 600 kg 0.61 m Cummins EU Stage N QSF3. 8
2 600 mm 600 mm 2 825 mm 2 145 mm 1 135 mm 1 135 600 kg 0.61 m Cummins EU Stage N QSF3. 8
600 mn 2 825 mn 2 145 mn 1 135 mn 15 600 kg 0.61 m Cummins EU Stage N QSF3. 8
2 825 mn 2 145 mn 1 135 mn 1 5 600 kg 0.61 m Cummin: EU Stage N QSF3. 8
2 145 mn 1 135 mn 15 600 kg 0.61 m Cummin: EU Stage N QSF3. 8
1135 mn 15 600 kg 0.61 m Cummins EU Stage N QSF3. 8
15 600 kg O.61 m Cummins EU Stage V QSF3. 8
0.61 m Cummins EU Stage V QSF3. 8
Cummins EU Stage V QSF3. 8
EU Stage \ QSF3. {
QSF3.8
r cooled, Direct li
93 kw/2 200 rpn
00 Nm/1500 rpn
3.8
ston Pump (KpM
2×126.4 L/mir
31.4/34.3 MPa
ston Pump (KPM
20 L/mir
3.9 MPa
11 rpn
5.3~3.2 km/ł
35°
36.8 kPa
2451
150 I
600 mn
700 mn
800 mn
940-0.6
2 500 mm
2 500 mn 4 600 mn
2 500 mn 4 600 mn
2 500 mm 4 600 mm
2 500 mn 4 600 mn GPS
2 500 mm 4 600 mm
- - - -

DIMENSIONS

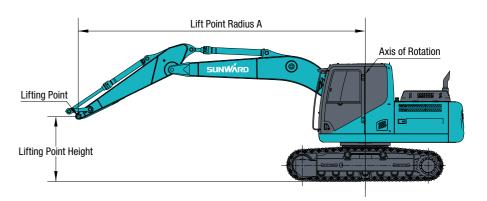


		Boom Length	4600 mm
		Arm Length	2 500 mm
	а	Max digging height	8700 mm
	b	Max dumping height	6 200 mm
	C	Max digging depth	5 5 25 mm
	d	Max digging depth at 2.44 m radius	5 3 10 mm
KING RANGES	е	Max vertical digging depth	5000 mm
	f	Max reach	8370 mm
	g	Max reach at ground level	8 225 mm
	h	Min. front swing radius	2 6 45 mm
		Max digging force (bucket)	100 kN
		Max digging force (arm)	76 kN

LIFTING CAPACITY

Load radius	MAX reach			6.0 m		5.0 m		4.0 m		3.0 m	
Load at point height	Over-front (kg)	Over-side (kg)	A (m)	Over-front (kg)	Over-side (kg)						
6.0 m	3279.9*	3292.95*	5.28			3314.7*	3327.75*				
5.0 m	3297.3*	2512.5	6.00	3297.3*	2512.5	3284.25*	3292.95*				
4.0 m	3162.45*	2163.75	6.68	3353.85*	2490	3553.95*	3462.6*				
3.0 m	3219*	1961.25	6.92	3497.4*	2460	3941.1*	3225	4558.8*	4519.65*	5689.8*	5694.15*
2.0 m	3336.45*	1848.75	7.08	3736.65*		4367.4*	3082.5	5267.85*	4125	7003.5*	7060.05*
1.0 m	2778.75	1867.5	7.10	3936.75*	1987.5	4750.2*	2523.75	5889.9*	3236.25		
0.0 m	2823.75	1890	6.88	2745	1968.75	4854.6*	2445	6551.1*	3082.5		

Note: The value with * symbol is the rated lifting capacity; (calculated in accordance with 87% of the test data) The value without * symbol is the anti-tipping capacity; (calculated in accordance with 75% of the test data)



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