

CONSTRUCTION EQUIPMENT

SUNWARD
INNOVATION LEADS TO VALUE

MINI EXCAVATOR
SWE 08F

Engine Power: 7.2 kW

Machine Weight: 1 010 kg



GLOBAL EXPERTISE EUROPEAN SOLUTIONS

As an international success story, Sunward takes a fresh approach to the design and manufacture of construction machinery. Our global expertise, facilitated through our state-of-the-art European distribution hub, combines innovative technological solutions and pioneering engineering capabilities. The result is intelligent solutions to challenges most manufacturers choose to ignore and a desire for continual refinement and improvement.

One of the many ways to do this is by tackling value head-on. Few industries are as competitive as yours. Fluctuating economies, fuel prices, inflation, and pressures on the ground all impact your business. We design and manufacture machinery that puts value and excellence first, minimising the cost of ownership while maximising operator experience – for excellent results and productivity on-site and on your bottom line.

“

All in all, it is the excellent value for money that motivated our decision. Sunward represents a very good investment. The machines are reliable and efficient, with a 5-year warranty, for a very reasonable price.

Antun | Director | Croatia

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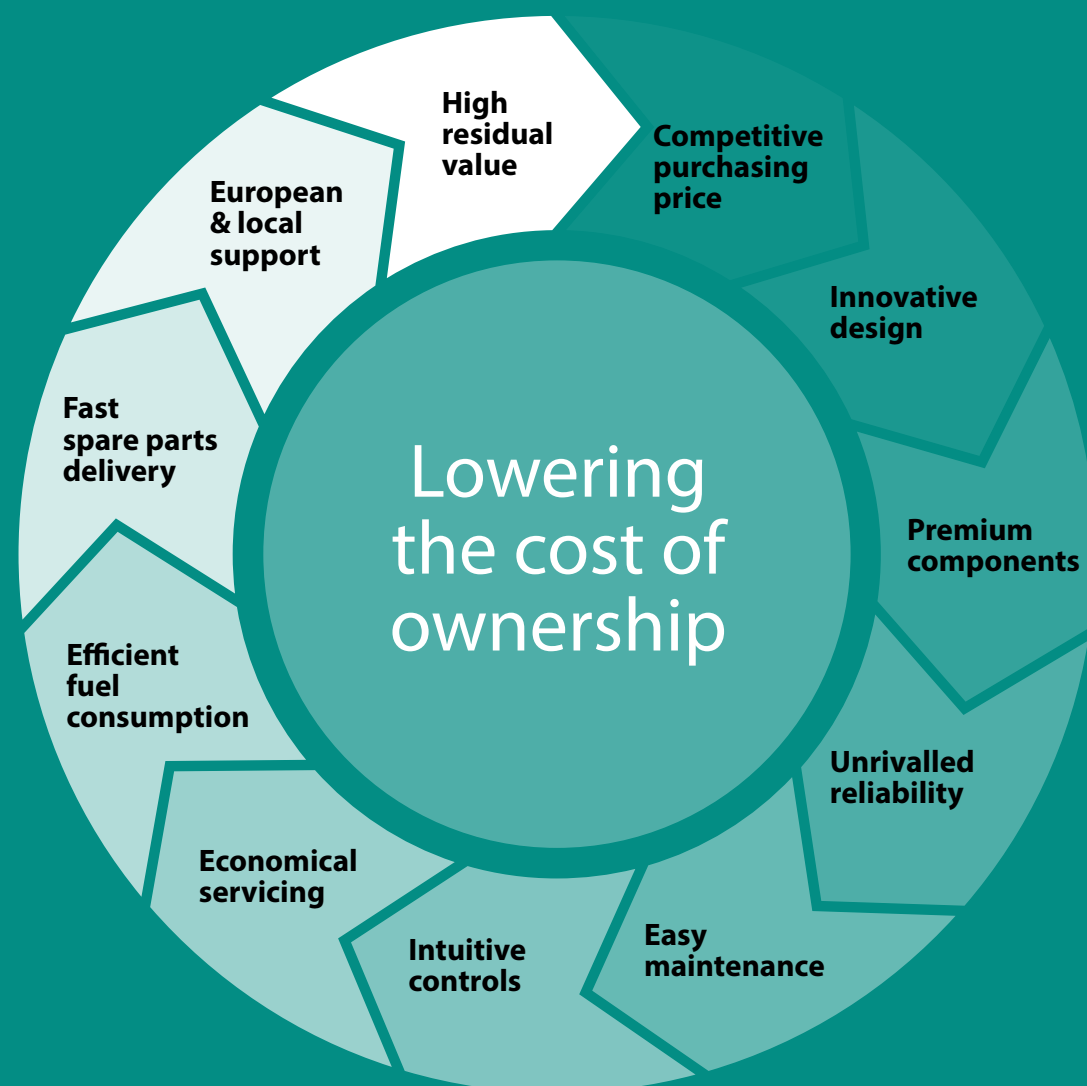
SUNWARD MACHINES – THE SMART CHOICE



SIMPLICITY LEADS TO BETTER VALUE

Sunward machines are designed for the job you need to do – no more, no less. We take an innovation-led approach to everything we do, simplifying the machines and parts through our patents, R&D and production to deliver the perfect combination of durability, user satisfaction and value.

We're driven by cost of ownership. Our experts put every aspect of owning a Sunward vehicle under the microscope. From purchase to day-to-day productivity – including maintenance, parts, servicing, repairs, fuel consumption and the residual value – we ensure our machines have value built in as standard at every stage.



EXTENSIVE EUROPEAN SUPPORT

Sunward is respected internationally. Our Belgium hub is the epicentre of our European activity. It's where each machine is modified to your exact needs and requirements before being subjected to a rigorous pre-delivery inspection. What's more, all critical parts are held in Belgium to ensure delivery to you within 24 hours.

Throughout Europe, Sunward has built a reliable distributor network. Our dealers are at the heart of our passion for excellence and continuous development, because they serve your local needs, their knowledge and feedback has a major influence on our engineering and design innovations.

150+ European dealers

– Expertise and support is always on hand

European hub (Belgium)

– Technical support
– 24 hour spare parts delivery



INTRODUCING THE SUNWARD SWE 08F MINI EXCAVATOR

We are proud to introduce the Sunward SWE 08F, a compact yet powerful mini excavator designed to excel in confined spaces and demanding applications. Tailored for rental fleets, landscaping professionals, and urban construction projects, the SWE 08F combines innovation, reliability, and cost-efficiency in a single compact machine.

With its lightweight design, optimised hydraulics, and proven Yanmar Stage V engine, the SWE 08F delivers exceptional performance while meeting the highest environmental standards. Its compact dimensions and versatile features make it the perfect choice for operators seeking precision and productivity in any setting.

The Sunward SWE 08F is engineered for performance and affordability, making it the ideal partner for a wide range of tasks, from trenching to landscaping.



UP TO
5 YEARS
OF WARRANTY

FOR ALL SUNWARD EXCAVATORS

To underscore our commitment to reliability, Sunward offers up to five years of warranty, giving you peace of mind and confidence in your investment.



PERFORMANCE AND EFFICIENCY

The Sunward SWE 08F mini excavator is built to deliver exceptional performance and precision across a variety of tasks. Its upgraded hydraulics, compact design, and fuel-efficient engine ensure reliable and efficient operation, whether in urban construction, landscaping, or confined spaces.

HYDRAULIC EXCELLENCE

The SWE 08F is equipped with an optimised hydraulic system designed for smooth and responsive operation:

- **Upgraded boom cylinder:** Enhanced diameter* improves manoeuvrability and stability during ground-level operations.
- **Increased breaking capability:** Direct oil routing boosts performance by 16%*, ensuring reliable operation under load.
- **Precision and control:** Seamlessly handles detailed tasks with superior hydraulic responsiveness.

*compared to SWE 08B

OPTIMISED PERFORMANCE IN CONFINED SPACES

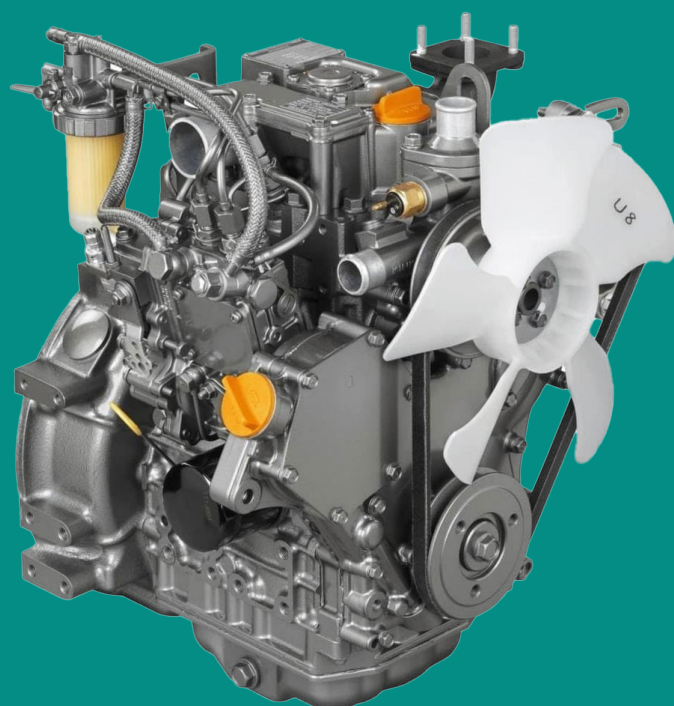
Engineered for efficiency and precision, the SWE 08F delivers powerful performance in small, restricted work areas.

- ✓ **Offset boom swing:** Enhances digging accuracy in tight corners and narrow trenches, maximising efficiency.
- ✓ **Optimised boom cylinder:** Improved stability and manoeuvrability ensure precise digging in delicate operations.
- ✓ **Smooth hydraulic control:** The TaiFeng main valve and LKC swing motor provide enhanced fluidity and response, allowing fine-tuned adjustments for intricate work.

FUEL EFFICIENCY AND ECO-FRIENDLINESS

Powered by the reliable Yanmar 2TNV70-PSU engine, the SWE 08F balances performance and environmental responsibility:

- **Fuel-efficient engine:** Delivers optimal power output while reducing operational costs.
- **Stage V compliance:** Meets stringent European emission standards, ensuring eco-friendly performance for sensitive environments.
- **Low maintenance:** The engine's proven durability minimises downtime and simplifies servicing.



VERSATILITY AND FLEXIBILITY

The Sunward SWE 08F is a compact yet powerful mini excavator designed for maximum adaptability. Whether you're working in urban construction, landscaping, or tight job sites, this machine ensures precision efficiency, and ease of operation. Its durable design and compatibility with multiple attachments make it an excellent choice for rental fleets and professionals alike.

ATTACHMENT COMPATIBILITY

The SWE 08F is designed to handle a variety of tasks with ease, thanks to its ability to integrate seamlessly with essential tools and attachments.

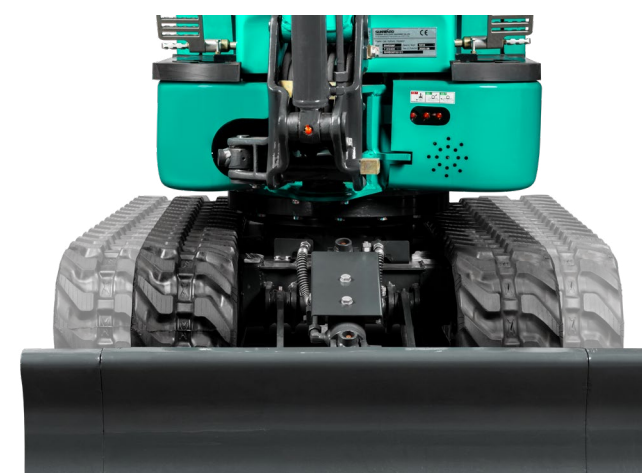
- **Versatile attachment options:** Compatible with buckets, augers, breakers, and more, making it an all-in-one solution for multiple job types.
- **Quick and efficient attachment changes:** The user-friendly attachment system minimises downtime and maximises productivity.
- **Optimised hydraulic system:** Provides smooth operation and enhanced precision when using different attachments.



COMPACT POWER IN TIGHT SPACES

With its retractable undercarriage and compact frame, the SWE 08F is ideal for confined environments, offering unmatched manoeuvrability.

- **Retractable undercarriage:** Adjustable from 750 mm to 1000 mm, allowing access to narrow spaces while ensuring stability.
- **Zero-tail swing:** Operates safely in restricted areas without the risk of hitting obstacles.



OPERATOR COMFORT AND SAFETY

The SWE 08F is designed with a user-first approach, ensuring that operators experience maximum comfort, safety, and control in every task. Whether working long hours in construction, landscaping, or rental applications, the intuitive layout and smart ergonomic upgrades — including Sunward's exclusive dual safety lever system for safer, more accessible entry — provide an optimal working environment.

ENHANCED OPERATOR COMFORT

With thoughtful design improvements, the SWE 08F ensures ease of operation and reduced fatigue, making every work session more efficient.

- **New flip-top armrest box:** Allows easier access to the seat, improving entry and exit while enhancing overall comfort.
- **Automotive-grade seat:** Provides superior support and cushioning, conforming to industry standards for ergonomic seating.
- **Optimised control layout:** Strategically positioned joysticks and pedals for intuitive operation, reducing strain on the operator.
- **Vibration and noise reduction:** Improved insulation and structural stability minimise operator fatigue, even in longer working hours.

EXCLUSIVE FEATURE: DUAL SAFETY INTERLOCK SYSTEM

Exclusive to Sunward, the SWE 08F is equipped with dual safety levers on both sides of the seat.

This innovative dual interlock not only enhances operator safety but also enables convenient access from either side of the cab - a game-changing solution for tight job sites and faster operator transitions.



SAFETY WITHOUT COMPROMISE

Safety is at the core of the SWE 08F's design, integrating advanced protection features for maximum operator security on any job site.

- ✓ **Foldable TOPS:** Ensures both operator protection and transport convenience, making it easy to store and move between sites.
- ✓ **Hydraulic safety valves:** Prevent uncontrolled movements during load handling, ensuring stable operation in all conditions.
- ✓ **Reinforced chassis and structure:** Enhanced stability and durability for added security in demanding applications.
- ✓ **Anti-slip surfaces:** Improve grip and reduce the risk of slips when entering, exiting, or servicing the machine.



DURABILITY AND MAINTENANCE

The SWE 08F is designed for long-term reliability, low maintenance, and maximum uptime, making it the perfect choice for rental fleets and demanding job sites. With reinforced structural components and simplified servicing, this compact excavator minimises downtime while ensuring consistent performance in all working conditions.

BUILT TO LAST

With a reinforced frame and smart design upgrades, the SWE 08F is engineered to handle the rigors of intensive use.

- ✓ **Two-section retractable undercarriage:** The new bolt-based restriction system enhances long-term stability and reduces wear, ensuring durability even in tough conditions.
- ✓ **Reinforced boom and chassis:** Built with high-strength materials, the SWE 08F's frame and arm resist stress and impact for longer service life.
- ✓ **Optimised weight distribution:** Improves machine balance, reducing stress on components and enhancing durability.
- ✓ **Dust and debris protection:** Sealed hydraulic components and protected cylinders minimise wear in harsh environments.



COMPACT DESIGN, BIG IMPACT

The SWE 08F is purpose-built for tight spaces and urban environments, offering a lightweight, manoeuvrable, and highly transportable solution for construction, landscaping, and rental applications. With its retractable undercarriage, zero-tail swing, and foldable TOPS, this mini excavator is the ideal partner for operators working in confined areas.

DESIGNED FOR TRANSPORT AND ACCESSIBILITY

With a lightweight structure and smart design, the SWE 08F makes transport and site access effortless.

- ✓ **Lightweight and easy to transport:** At 1010 kg, the SWE 08F can be easily loaded onto standard trailers, ensuring quick mobility between job sites.
- ✓ **Retractable undercarriage:** Adjustable track width from 750 mm to 1000 mm allows seamless entry through narrow spaces while providing extra stability when needed.
- ✓ **Foldable TOPS (Tip-Over Protective Structure):** Enhances transportability and storage while ensuring operator safety.
- ✓ **Compact dimensions:** With a total height of 2276 mm, the SWE 08F fits through standard doorways and restricted job sites effortlessly.



ENGINEERED FOR PROFIT, BUILT FOR RENTAL FLEET

The SWE 08F is more than just a mini excavator—it's a cost-effective business solution for rental companies that demand low total cost of ownership (TCO), maximum uptime, and the best value for money. Every feature is designed to reduce expenses, extend lifespan, and increase profitability, making it the ultimate fleet addition for operators who need high performance with minimal overhead costs.



EXCEPTIONAL DURABILITY, MAXIMUM ROI

A rental machine is only as good as its ability to withstand constant use while keeping costs low. The SWE 08F is built for longevity, ensuring that your investment pays off with every rental cycle.

- Reinforced chassis and boom extend operational life, reducing replacement and repair expenses.
- Lightweight yet robust frame provides the perfect balance between durability and transport efficiency, ensuring lower fuel costs and easier mobility.
- Optimised weight distribution minimises wear on components, extending service life and reducing downtime.

MINIMAL MAINTENANCE, MAXIMUM UPTIME

Every minute spent on maintenance is lost rental revenue - which is why the SWE 08F is designed to stay on the job longer while keeping servicing costs at a minimum.

- Ground-level access to key components makes daily inspections and servicing quick and hassle-free.
- High-wear-resistant materials ensure fewer part replacements, lowering maintenance expenses.
- Fast and efficient repairs minimise machine downtime, keeping it rental-ready and generating income.



SIMPLE TO USE, PROFITABLE TO OWN

The SWE 08F is designed for easy operation, making it an ideal rental machine for all users, from seasoned professionals to first-time renters. Its intuitive controls reduce training time, ensuring it remains in demand and always out on hire.

- User-friendly operation means renters can quickly adapt, increasing turnover potential.
- Reliable performance ensures customer satisfaction and repeat rentals.
- Backed by Sunward's European support network, providing fast parts delivery and local expert service, further reducing ownership costs.

THE SMART CHOICE FOR LOW TCO AND HIGH PROFITABILITY

With exceptional fuel efficiency, low maintenance costs, and unbeatable durability, the SWE 08F is built to maximise profits while minimising expenses. Whether you're expanding your fleet or upgrading your equipment, this high-value, low-cost machine ensures your rental business stays ahead.



10 REASONS WHY THE SUNWARD SWE 08F IS A SMART CHOICE

The SWE 08F is more than just a mini excavator- it's a game-changer for rental fleets, contractors, and professionals who demand efficiency, durability, and cost-effectiveness. Here's why the SWE 08F stands out in a competitive market and why it should be your next investment.

- BUILT FOR PROFITABILITY**
More than just a machine, the SWE 08F is an investment. It delivers low operating costs, high efficiency, and minimal downtime, maximising return on investment for rental companies and operators alike.
- ULTRA-COMPACT, MAXIMUM ACCESSIBILITY**
With a retractable undercarriage (750 mm to 1000 mm) and zero-tail swing, the SWE 08F can navigate tight spaces where others can't. Whether it's doorways, narrow alleys, or indoor jobs, this excavator gets the job done where bigger machines fail.
- TRANSPORTATION MADE EASY**
At just 1010 kg, the SWE 08F can be easily loaded onto a standard trailer, making transport hassle-free. The foldable TOPS ensures compact storage, so you can move faster between job sites without unnecessary logistics headaches.
- PRECISION HYDRAULICS FOR FLAWLESS OPERATION**
The SWE 08F delivers seamless, accurate movements. Whether it's trenching, landscaping, or demolition, its highly responsive hydraulics provide smooth, controlled performance, even for delicate tasks.
- BUILT TO LAST**
Designed with a reinforced chassis, boom, and undercarriage, the SWE 08F withstands intense daily use. The newly optimised bolt-based restriction system ensures long-term structural integrity, making it one of the toughest in its class.
- MINIMAL MAINTENANCE, MAXIMUM UPTIME**
Time is money. That's why the SWE 08F is engineered for easy servicing. With easy access to all critical components, routine maintenance is quick and effortless – keeping you working, not waiting.
- FUEL-EFFICIENT & ECO-FRIENDLY ENGINE**
Powered by the reliable Yanmar 2TNV70-PSU Stage V engine, the SWE 08F meets strict European emissions standards while delivering exceptional fuel economy. That means lower operating costs and a smaller environmental footprint.
- UNMATCHED STABILITY IN OPERATION**
Thanks to its adjustable undercarriage, optimised boom cylinder, and low ground pressure, the SWE 08F ensures safe, stable operation - even on uneven terrain. Work confidently without compromising precision or safety.
- READY FOR ANY JOB WITH ATTACHMENT VERSATILITY**
From buckets and breakers to augers, the SWE 08F is attachment-ready, allowing you to tackle multiple tasks with a single machine. Quick attachment changes mean less downtime, more productivity.
- SUNWARD'S EUROPEAN SUPPORT NETWORK**
Backed by Sunward's Belgium-based distribution hub, the SWE 08F ensures rapid parts delivery and expert technical support. With flexible warranty options and an extensive dealer network, you can count on reliable after-sales service anywhere in Europe.



EQUIPMENT

THE STANDARD AND OPTIONAL EQUIPMENT VARIES FROM COUNTRY TO COUNTRY. FOR MORE INFORMATION, PLEASE CONTACT US.

		STANDARD EQUIPMENT	OPTIONAL EQUIPMENT
ENGINE	4-stroke, water-cooling, diesel engine, that meets EU stage V requirements	•	
	Air filter with clogging indicator	•	
	Oil filtering system	•	
	Cooling unit easy for cleaning	•	
	Battery key	•	
CANOPY	Digital monitor	•	
	Foldable console with safety lever	•	
	TOPS- foldable- safety	•	
	PVC-seat (Automotive quality)	•	
	Dynamic seat belt	•	
	Consoles with adjustable wrist rest	•	
	Dual Safety Lever	•	
HYDRAULIC SYSTEM	Aux1 piping with end caps (foot pedal control)	•	
	Valve for single acting AUX1 (For hydraulic breaker use)	•	
	Priority features in the main control valve	•	
	Pilot operated steering valves with joystick levers	•	
	Boom cylinder protection plate	•	
	Extendable undercarriage	•	
	Dozer blade with foldable extensions	•	
	Dozer blade cylinder protection plate	•	
WORKING EQUIPMENT	1350 mm Boom	•	
	700 mm Arm	•	
	High performance LED light on the boom	•	
OPTIONAL EQUIPMENT	Antitheft keypad		•
	Smartfleet telematics (GPS/working hours/key contact position		•
	Variation of Quick coupler + bucket packages		•
	Variation of attachment contact plates		•
	Sunward hydraulic hammer		•
	Special paint		•

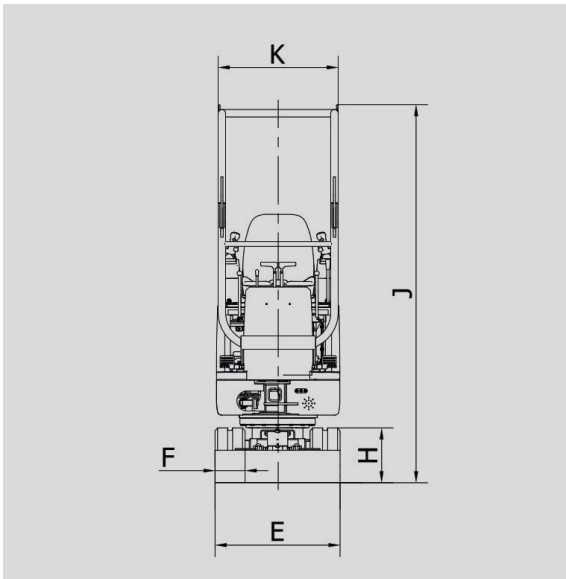
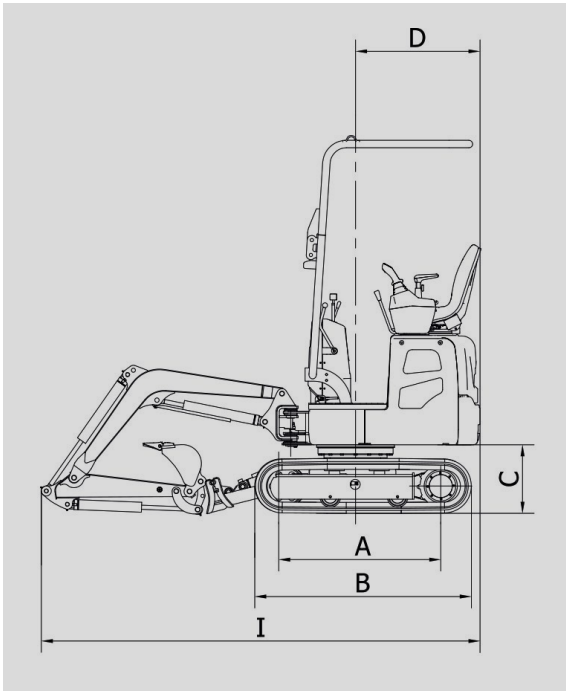
TECHNICAL PARAMETERS

PARAMETERS AND PERFORMANCE OF THE MAIN MACHINE			
Dimension [L×W×H]		mm	2 640x750x2 275
Overall weight	With rubber track	t	1.01
	With steel track	t	\
Standard bucket capacity		m³	0.022
Bucket digging force		kN	9.4
Arm digging force		kN	5.8
Max. drawbar pull		kN	8.3
Travel speed (Max/Min)		km/h	2.9/1.5
Gradeability		%	57
Ground pressure		kPa	24.5
Slewing speed		rpm	8.2
Engine	Brand		YANMAR
	Model		2TNV70-PSU(Euro V)
	Max. torque	N.m/ rpm	34.4/1800
	Displacement	L	0.57
	Power/Rotation speed	kw/rpm	7.2/2 400
Fuel tank capacity		L	10
Primary pump	Type		Quantitative gear pump
	Flow rate	L/min	9.6+9.6
Pressure of main relief valve		MPa	16
Hydraulic oil tank capacity		L	9.5

DIMENSIONS

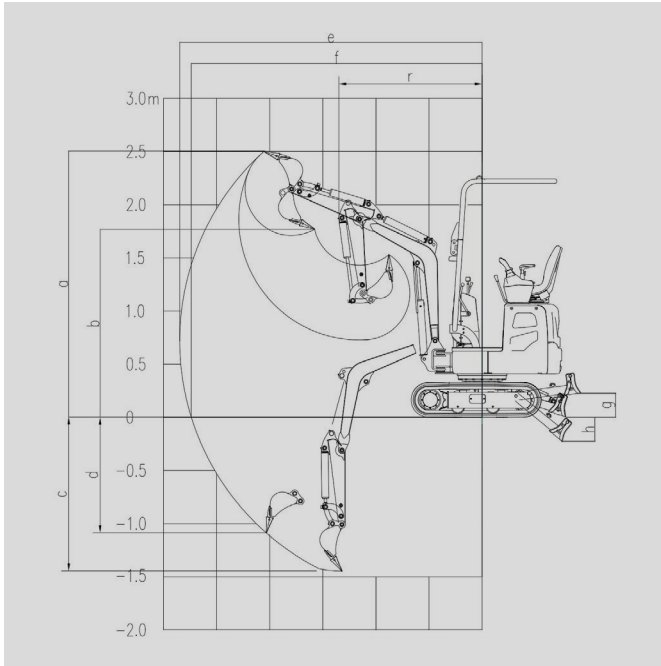
OUTLINE DIMENSIONS	A	Length to center of rollers	mm	975
	B	Total track lenght	mm	1 300
	C	Counterweight clearance	mm	420
	D	Platform tail swing radius	mm	750
	E	Track width	mm	750/1000
	F	Track shoe width	mm	180
	G	Chassis ground clearance	mm	130
	H	Track height	mm	330
	I	Total length	mm	2 640
	J	Max. height of cab	mm	2 275
	K	Uppercarriage width	mm	740

· The above parameters may be different due to product upgrading



WORKING RANGE

WORKING RANGE		Boom length	mm	1350
		Arm length	mm	700
	A	Max. digging height	mm	2 505
	B	Max. dumping height	mm	1 770
	C	Max. digging depth	mm	1 450
	D	Max. vertical digging depths	mm	1 085
	E	Max. digging reach	mm	2 850
	F	Max. digging reach at ground level	mm	2 740
	G	Max. lift height of the dozer blade	mm	225
	H	Max. digging depth of dozer blade	mm	225
	I	Min. swing radius (front)	mm	1350

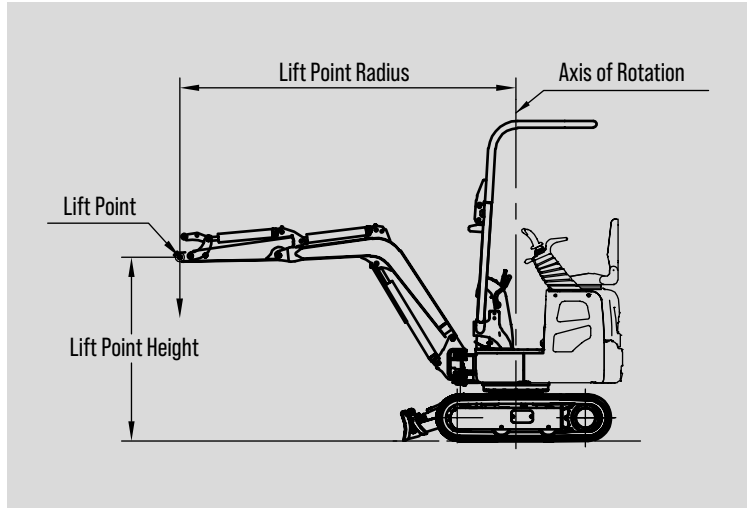


LIFTING CAPACITY

LIFT POINT HEIGHT	LIFT POINT RADIUS (1m)		LIFT POINT RADIUS (2m)		LIFT POINT RADIUS (MAX)	
	Over-front (kg)	Over-side (kg)	Over-front (kg)	Over-side (kg)	Over-front (kg)	Over-side (kg)
2M	-	-	-	-	178*	174*
1M	405*	405*	222*	213*	200*	158
0	592*	424	265*	165	226*	158
-1M	339*	331*	-	-	274*	235*

Notes:

- 1) Load with * is limited by hydraulic capacity and based on ISO 10567. Rated loads do not exceed 87% of hydraulic capacity.
- 2) Load without * is limited by tipping load and based on ISO 10567. Rated loads do not exceed 75% of tipping capacity.
- 3) The excavator bucket, hook, sling and other lifting accessories are not included in this table.





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YOUR LOCAL DEALER