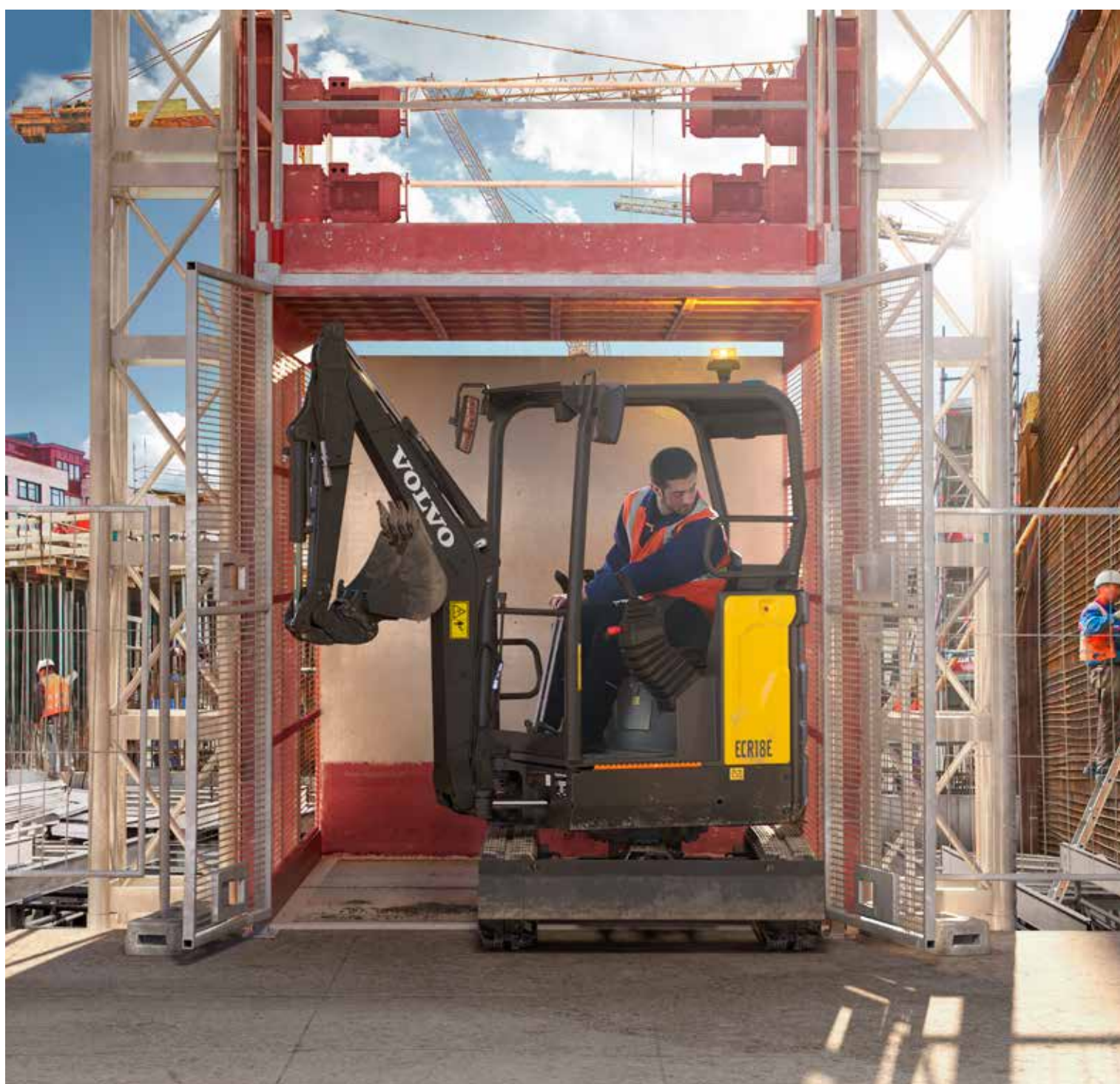


Volvo Construction Equipment  
Building Tomorrow



# ECR18E

Volvo Compact Excavators 1.7-1.98 t 16.3 hp







# WELCOME TO OUR WORLD

Welcome to a world of industry leading machinery. A world where imagination, hard work and technological innovation will lead the way towards developing a future which is cleaner, smarter, and more connected. A world supported by the enduring values of the Volvo Group. A world of stability, sustainability and innovation. A world which we put our customers at the heart of.

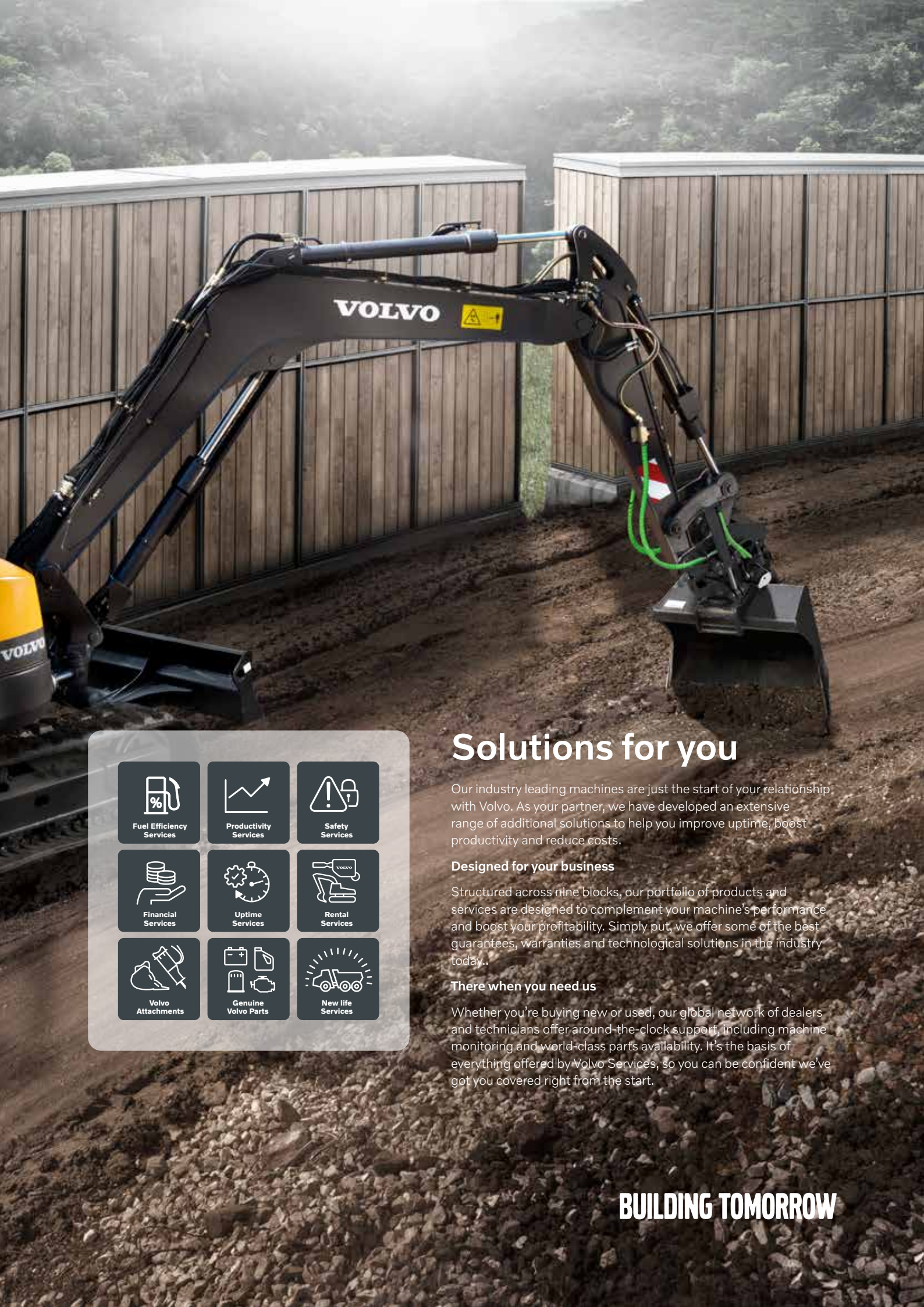
Welcome to the world of Volvo Construction Equipment – we think you're going to like it here.

## Small machines, big results

With decades of experience in the design and manufacture of compact excavators and wheel loaders, our range of compact machinery is designed with customer success in mind. Built from the same DNA as large Volvo machinery, our compact range sets the standard for efficiency performance and uptime – complemented by an extensive range of Volvo attachments for maximum versatility.

Building on our proud history, the Volvo Concept Lab continues to create cutting-edge ideas and innovative concepts – such as our award-winning electric compact excavator – to ensure we offer our customers machines which deliver big results long into the future.





VOLVO



## Solutions for you

Our industry leading machines are just the start of your relationship with Volvo. As your partner, we have developed an extensive range of additional solutions to help you improve uptime, boost productivity and reduce costs.

### Designed for your business

Structured across nine blocks, our portfolio of products and services are designed to complement your machine's performance and boost your profitability. Simply put, we offer some of the best guarantees, warranties and technological solutions in the industry today.

### There when you need us

Whether you're buying new or used, our global network of dealers and technicians offer around-the-clock support, including machine monitoring and world-class parts availability. It's the basis of everything offered by Volvo Services, so you can be confident we've got you covered right from the start.



Fuel Efficiency Services



Productivity Services



Safety Services



Financial Services



Uptime Services



Rental Services



Volvo Attachments



Genuine Volvo Parts



New Life Services

**BUILDING TOMORROW**



# Ready for work

The ultra-short swing radius ECR18E is the perfect choice for working in tight conditions. Easy to transport and easy to operate, this 1.8t excavator will make light work of tough jobs. With a robust design, combined with best-in-class service access, you can be sure this is a machine designed to promote low operating costs.

## Small but tough

The unique high-profile counterweight design is made from three strong pieces of cast iron which wrap around the rear of the machine, protecting all vital components. All-around steel panels, recessed 10mm from the counterweight, offer further protection.



## Best-in-class serviceability

Complete maintenance tasks with speed thanks to the hinged fuel tank which enables an impressive ease of access to the engine compartment, and easy to locate daily check points. A 50-hour greasing interval further contributes towards the best-in-class serviceability of this machine.



## Safe and easy operation

The roomy and uncluttered operator environment of the machine is designed to keep you safe and focused while at work, including simple layout of the controls, fingertip controls and large travel pedals. Safety is built-in to the machine with a ROPS/TOPS/FOPS canopy, a large entrance including high visibility step, and an orange seatbelt as standard for easy checks by site managers.

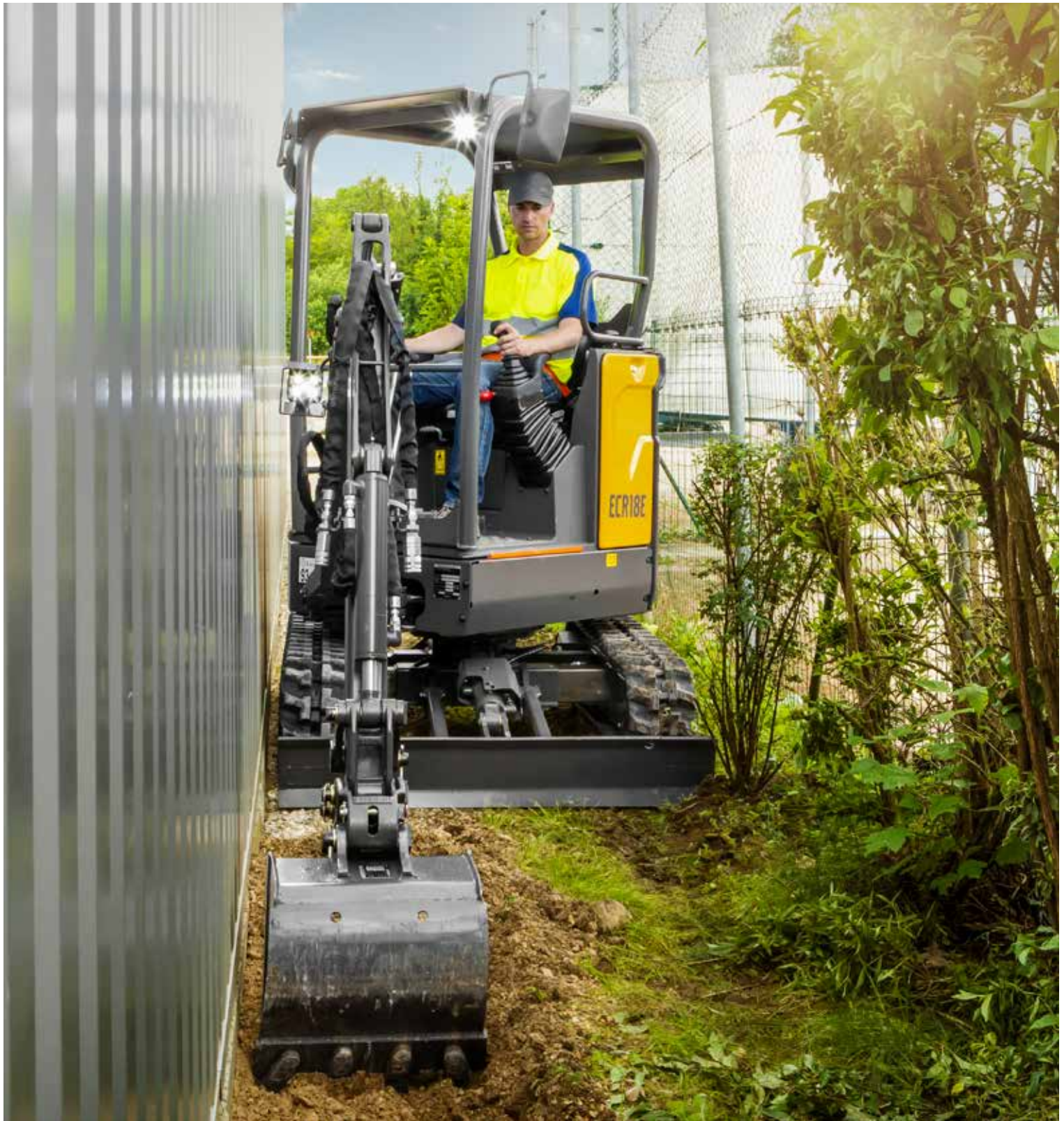


## Transport with ease

Transportation of the machine is safe and secure, thanks to its light weight and convenient design. With automatic slew lock and four easily accessed large tie-down points on the upper frame, the machine can be safely transported on a small trailer with up to three buckets and a hydraulic breaker, while maintaining a total transport weight of less than 2t.







# COMPACT BY DESIGN

For superior versatility when working in confined spaces, the ECR18E features an ultra-short tail radius. The machine design ensures that the frame corner, swing post and cylinder stay within the tracks when digging alongside obstacles. The result is maximum visibility and a reduced risk of machine damage when working in tight conditions.

# Short swing, big potential

## SAFETY FIRST

- High visibility entry step, orange seatbelt **A VOLVO EXCLUSIVE**
- Controls lock options (switch, seat operator presence or buckled seatbelt sensor) **A VOLVO EXCLUSIVE**
- 4 large easily accessible tie-down points on the upper frame **NEW**
- Outstanding all-around stability
- ROPS/TOPS/FOPS certified 4-pillar canopy

## SMALL BUT TOUGH

- All-around steel panels **NEW**
- High-profile cast counterweight **A VOLVO EXCLUSIVE**
- Boom cylinder on top
- Protected hoses, routed inside the boom
- Steel tracks

## OPERATE WITH EASE

- Fingertip controls **A VOLVO EXCLUSIVE**
- Simple controls layout
- Uncluttered floor, large travel pedals
- Automatic 2-speed travel
- Smooth combined movements



## COMPACT BY DESIGN

- Ultra-short swing radius **NEW**
- Variable undercarriage width, less than 1-meter wide
- In-track boom swing



## MAXIMIZE PROFITABILITY

- Best-in-class access to engine compartment thanks to hinged fuel tank **A VOLVO EXCLUSIVE**
- Auto engine shutdown and auto-idle (options) **A VOLVO EXCLUSIVE**
- 50-hour greasing intervals

## THE COMPLETE PACKAGE

- Genuine Volvo Parts
- Full range of matched Volvo Attachments



# Specifications

## ECR18E

Engine		D0.9A
Gross power	kW	12
Net power	kW	11.2
. . . at engine speed	r/min	2 300
Operating weight	kg	-
Operating weight - canopy version	kg	1 700
Bucket capacity	m <sup>3</sup>	0.014 - 0.051
Travel speed	km/h	1.8 / 3.5
Slewing speed	r/min	9.5
Breakout force	kN	12.9
Tear out force (arm breakout force)	kN	7.95
Overall width	mm	995 / 1 352
Overall length	mm	3 431
Main hydraulic pump max. flow	l/min	34
Boom swing angle, left / right	°	-

Not all products are available in all markets. Under our policy of continuous improvement, we reserve the right to change specifications and design without prior notice. The illustrations do not necessarily show the standard version of the machine.



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