

SPECIFICATION

JCB E-TECH



**RIDGWAY** Rentals  
PLANT RENTAL • HAULAGE • SALES • PARTS • SERVICE

JCB

# HIGHER STANDARDS

The A45E is our first all-electric articulated boom and part of the JCB E-TECH range. It is more productive and efficient, with zero emissions, making it ideal for indoor and outdoor use. The A45EH is our hybrid model featuring the JCB Diesel by Kohler engine alongside rechargeable batteries, ideal for use in remote locations where power isn't always accessible.



## HIGHER CAPACITY

Increased platform capacity alongside enhanced performance and reduced emissions, make the A45E and A45EH suitable for both indoor and outdoor use.



## HIGHER LEVELS OF EFFICIENCY

Regenerative motors, function speed control, oscillating steering axle and joystick ergonomics make the A45E and A45EH our most efficient models to date.

## HIGHER LEVELS OF MONITORING

On-screen diagnostics, JCB LiveLink, plus external mounted hose and harness routing, offer increased machine monitoring, maintenance and safety measures.



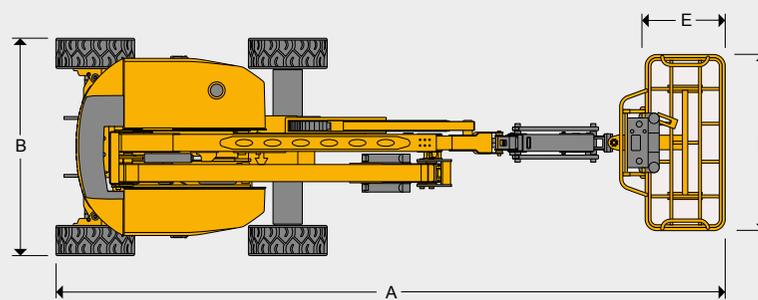
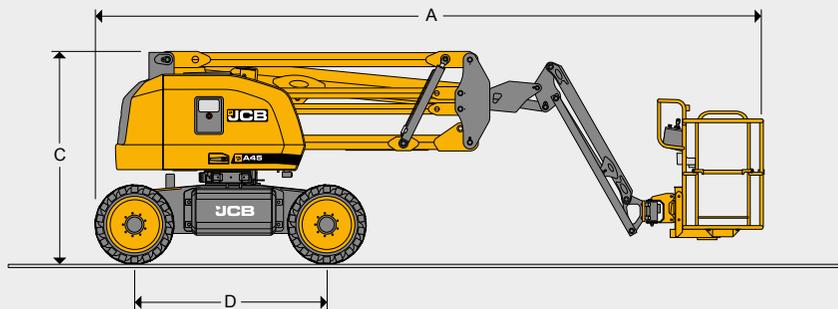
## HIGHER STANDARDS OF SAFETY

We've made our articulated booms even safer with a secondary guarding system, puncture-proof tyres, slew lock and emergency override system.

## HIGHER QUALITY

Resilient paint protection, rigid canopy structure and design symmetry with existing JCB products, make both machines ideal for rental companies and contractors.

**DIMENSIONS**



**DIMENSIONS**

			A45E	A45EH
	Weight	kg	7750	7930
A	Length (stowed)	m		7.04
B	Width (stowed)	m		2.26
C	Height (stowed)	m		2.23
D	Wheelbase	m		2.03
	Tail swing	m		0.12
	Ground clearance	m		0.31

**PLATFORM**

			A45E	A45EH
E	Platform length	m		0.84
F	Platform width	m		1.84
	Platform height	m		1.24
	Entry type			Drop bar
	Entry number			3
	Occupancy			2
	Capacity	kg		300
	Rotation	degrees		160
	Crush protection – electronic			Std

**ELECTRICS**

			A45E
	Voltage	v	48
	Battery make		VISION
	Battery model		EVL16-400A-AM
	Capacity	Ah	400
	Tilt sensor setting	Degree	5

**ENGINE**

			A45EH
	Make		Kohler
	Type		Diesel 4 stroke, In line-3 cylinder
	Model		KDW1003
	Power	kW	14.8
	Rated speed	rpm	3000
	Turbo		-
	Intercooler		-
	Fuel tank capacity	litres	40

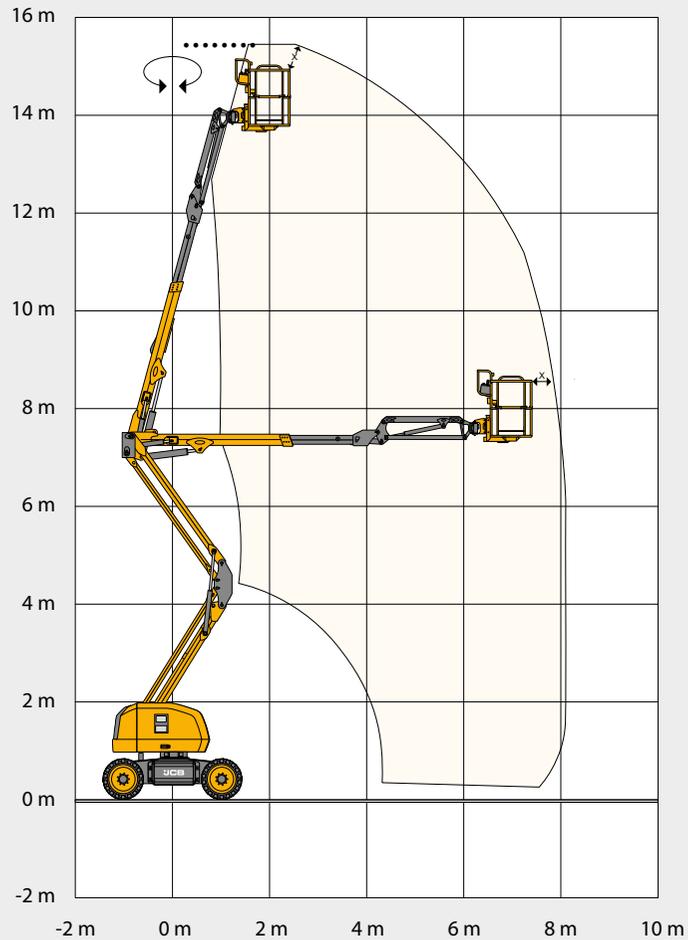
**DRIVELINE**

			A45E	A45EH
	Drive			4WD
	Max stowed speed	km/h		7.0
	Max raised speed	km/h		0.87
	Gradeability	%		40

**TYRES**

			A45E	A45EH
	Type			Foam fill non-marking
	Size			33x12D610

LIFT PERFORMANCE

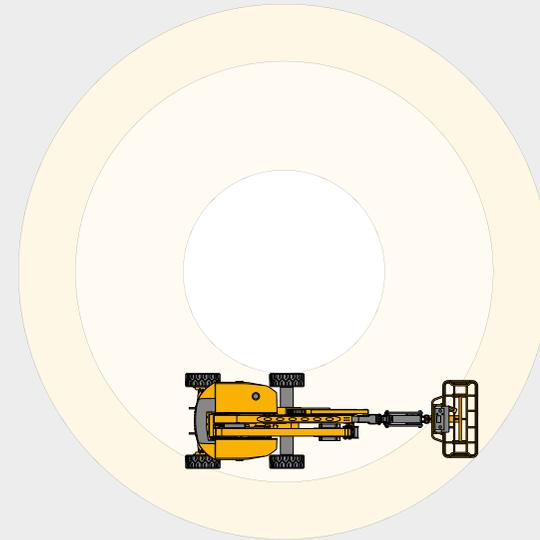


X = Working envelope

		A45E	A45EH
Platform height	m		13.84
Horizontal reach	m		7.47
Up and over clearance*	m		7.48
Rotation	degrees		355
Wind speed	m/s		12.5

\* Up and over clearance is the max height that the basket can reach horizontally

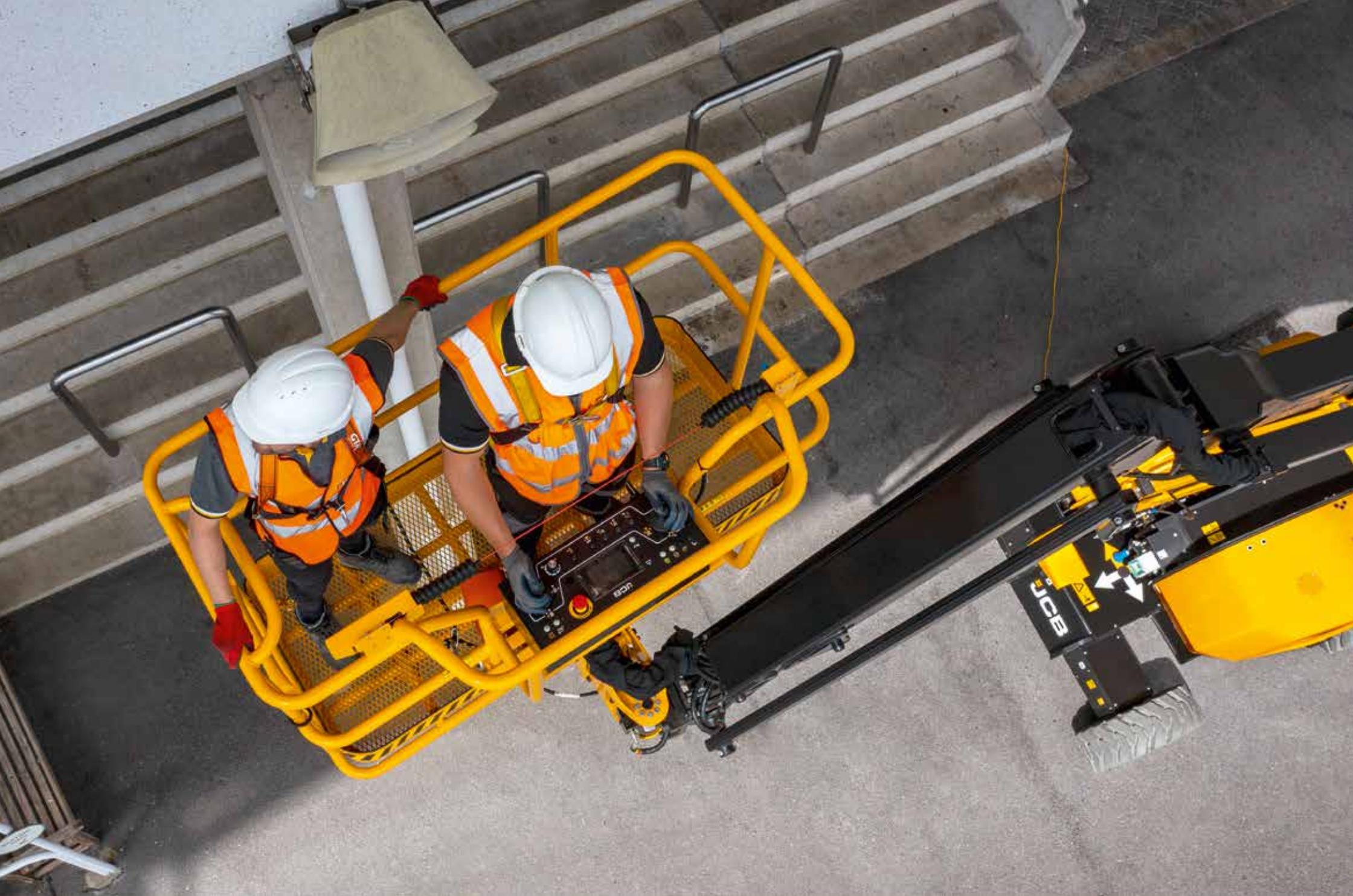
TURNING CIRCLE



		A45E	A45EH
Type			2WS
Turning radius (inside)	m		2.65
Turning radius (outside)	m		4.67
Max circle in folded position	m		5.96

LIVELINK

	A45E	A45EH
LiveLink		Std





ARTICULATED BOOM A45E / A45EH



ARTICULATED BOOM A45E / A45EH



**ONE COMPANY, OVER 300 MACHINES.**

Your nearest JCB dealer

**ARTICULATED BOOM A45E / A45EH**

Platform height: 13.84m Platform capacity: 300kg Platform reach: 7.4m

JCB Sales Limited, Rocester, Staffordshire, United Kingdom ST14 5JP.

Tel: +44 (0)1889 590312 Email: [salesinfo@jcb.com](mailto:salesinfo@jcb.com)

Download the very latest information on this product range at: [www.jcb.com](http://www.jcb.com)

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