

**SPECIFICATION**

**EASY**  
— IN A —  
**HARD WORLD**



**TANDEM VIBRATORY ROLLERS | CT160 / CT260**

Operating weight: 3770 – 5644lb (1.710 – 2.560kg) Engine power: 14.2 – 18.2kW Drum width: 2.6 – 3.9ft (800 – 1200mm)



# EASY IN A HARD WORLD.

The new JCB CT160 and 260 tandem rollers have been designed to be easy to use, easy to be productive, easy to keep safe and secure and easy to service. The simple drum offset increases the efficiency and the chamfered drum edges create a smooth finish. They are also trailer towable for ease of transport.



## POWER, PERFORMANCE, PRODUCTIVITY.

Both the CT160 and CT260 feature high centrifugal forces and static linear loads for the best compaction performance – dynamically or statically – on aggregates or asphalt.



## EASY AND EFFICIENT.

The new JCB CT160 and 260 tandem rollers have been designed to be easy to use, easy to be productive, easy to keep safe and secure and easy to service.

## VISIBILITY, COMFORT, EASE OF USE.

With a simple, intuitive control layout and superior operator comfort, our new tandem rollers make working not just easy but also a pleasure.



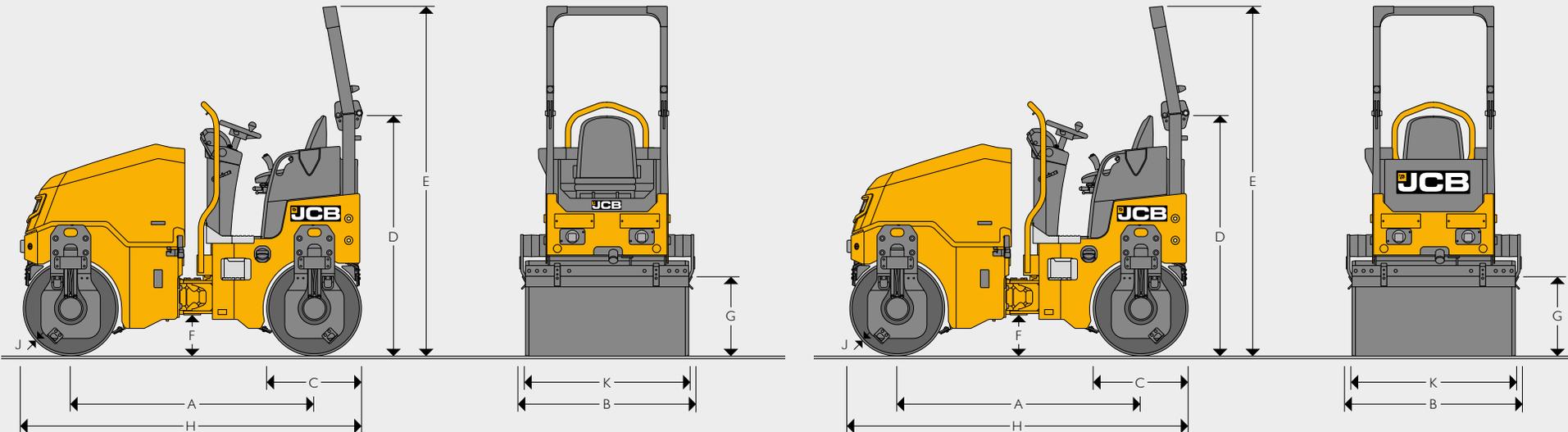
## SERVICEABILITY.

Easy access engine service points, longer service intervals and many zero maintenance parts, our new CT160 and 260 tandem rollers are easy to maintain.

## SAFETY AND SECURITY.

With JCB's LiveLink telematics system as standard, plus many built-in safety features, the new CT160 and 260 tandem rollers give you complete peace of mind.

STATIC DIMENSIONS



STATIC DIMENSIONS

			CT160-80	CT160-100	CT260-100	CT260-120
A	Wheelbase	ft-in (mm)	5-11 (1560)	5-11 (1560)	5-9 (1790)	5-9 (1790)
B	Overall width	ft-in (mm)	3-1 (960)	3-6 (1090)	3-6 (1090)	4-2 (1295)
C	Drum diameter	ft-in (mm)	1-9 (580)	1-9 (580)	2-3 (700)	2-3 (700)
D	Height to top of seat	ft-in (mm)	5.5 (1680)	5.5 (1680)	5-8 (1755)	5-8 (1755)
E	Height to top of ROPS	ft-in (mm)	8-1 (2485)	8-1 (2485)	8-2 (2510)	8-2 (2510)
F	Ground clearance	ft-in (mm)	10 (255)	10 (255)	10.6 (270)	10.6 (270)
G	Curb clearance	ft-in (mm)	1-7 (510)	1-7 (510)	1-8 (560)	1-8 (560)
H	Total travel length	ft-in (mm)	7 (2140)	7 (2140)	8-2 (2490)	8-2 (2490)
J	Drum thickness	ft-in (mm)	0.5 (12)	0.5 (12)	0.5 (12)	0.5 (12)
K	Drum width	ft-in (mm)	2-6 (800)	3-3 (1000)	3-3 (1000)	3-9 (1200)

## OPERATING DATA

		CT160-80		CT160-100		CT260-100		CT260-120	
Nominal weight	lb (kg)	3704 (1630)		3770 (1710)		5027 (2280)		5335 (2420)	
Operating weight (CECE)	lb (kg)	3770 (1710)		3946 (1790)		5335 (2420)		5644 (2560)	
Maximum operating weight	lb (kg)	3946 (1790)		4123 (1870)		5732 (2600)		6041 (2740)	
Operating weight front	lb (kg)	1764 (800)		1852 (840)		2624 (1190)		2778 (1260)	
Operating weight rear	lb (kg)	2006 (910)		2094 (950)		2712 (1230)		2866 (1300)	
Working width	in (mm)	31.5 (800)		39.4 (1000)		39.4 (1000)		47.2 (1200)	
Operating linear load	lb/in (kg/cm)	56 (10)	63.7 (11.4)	47 (8.4)	53.1 (9.5)	66.6 (11.9)	86.1 (12.3)	58.9 (10.5)	60.7 (10.9)
Exciter frequency	vpm (Hz)	3000 (50)	3960 (66)	3000 (50)	3960 (66)	3000 (50)	3960 (66)	3000 (50)	3960 (66)
Nominal amplitude	in (mm)	0.016 (0.41)		0.014 (0.35)		0.022 (0.56)		0.020 (0.51)	
Centrifugal force (each drum)	lbf (kN)	2452 (10.9)	4297 (19.1)	2452 (10.9)	4297 (19.1)	5310 (23.6)	9247 (41.1)	5310 (23.6)	9247 (41.1)
Max. Working speed	mph (km/h)	5.6 (9)		5.6 (9)		6.2 (10)		6.2 (10)	
Drum offset left / right - manual (option)	in (mm)	2.2 (56)		2.2 (56)		2.4 (60)		2.4 (60)	
Steering angle	degrees	±33		±33		±33		±33	
Oscillation angle	degrees	±8		±8		±8		±8	
Inner turn radius	in (mm)	85 (2160)		82.3 (2090)		97.4 (2475)		93.5 (2375)	
Gradeability with vibration up to	%	25		25		30		30	
Gradeability without vibration up to	%	35		35		40		40	

## ENGINE

		CT160 (All Models)	CT260 (All Models)
Make		Kubota	Kubota
Model		D1005-E4B-EU	D1703-M-DI-E4B
Type		3 cylinder, water-cooled four-stroke diesel engine	3 cylinder, water-cooled four-stroke diesel engine
Piston displacement	cm <sup>3</sup>	1001	1647
Performance	kW (hp)	14.2 (19.0)	18.2 (24.4)
Operating speed	rpm	2550	2200
Starting device		Electric motor	Electric motor
Air cleaner		Dry cartridge + safety cartridge	Dry cartridge + safety cartridge
Fuel filler		Cartridge	Cartridge

## PROPULSION

Hydrostatic with variable displacement pump and fixed displacement motors with direct drive to both drums = double drum drive.

## EXCITER DRIVE

Electronically controlled hydrostatic direct drive on both drums for double vibration or single vibration front or rear, AVC (automatic vibration control).

## EXCITER

Single-shaft circular exciter.

## STEERING SYSTEM

Servo assisted, maintenance free centre articulation with oscillation facility.

## SERVICE CAPACITIES

		CT160 (All Models)	CT260 (All Models)
Fuel tank capacity	gal (litres)	8.7 (33)	12.2 (46)
Sprinkler water tank capacity	gal (litres)	26.4 (100)	52.0 (197)

## BRAKING SYSTEM

**Service brake:** Hydrostatic propulsion system.

**Parking brake:** Hydraulically-released brake on both drums (SAHR).

## WATER SYSTEM

Pressurised sprinkling system, adjustable scrapers (two each drum), changeable nozzles, multiple water filtering.

## ELECTRICAL SYSTEM

		CT160 (All Models)	CT260 (All Models)
Electrical system voltage	V	12	12
Battery capacity	Ah	62	62
Alternator	A	60	70

## DRIVERS STAND / INSTRUMENTS

Fuel, battery charging current, sprinkler system, parking brake, hour meter, engine oil pressure, air filter condition, hydraulic oil level and temperature, water level indicator, cup holder, comfortable adjustable operator seat and safety belt, flashing amber beacon, fan guard, locking instrument panel cover, reverse alarm, foldable ROPS.

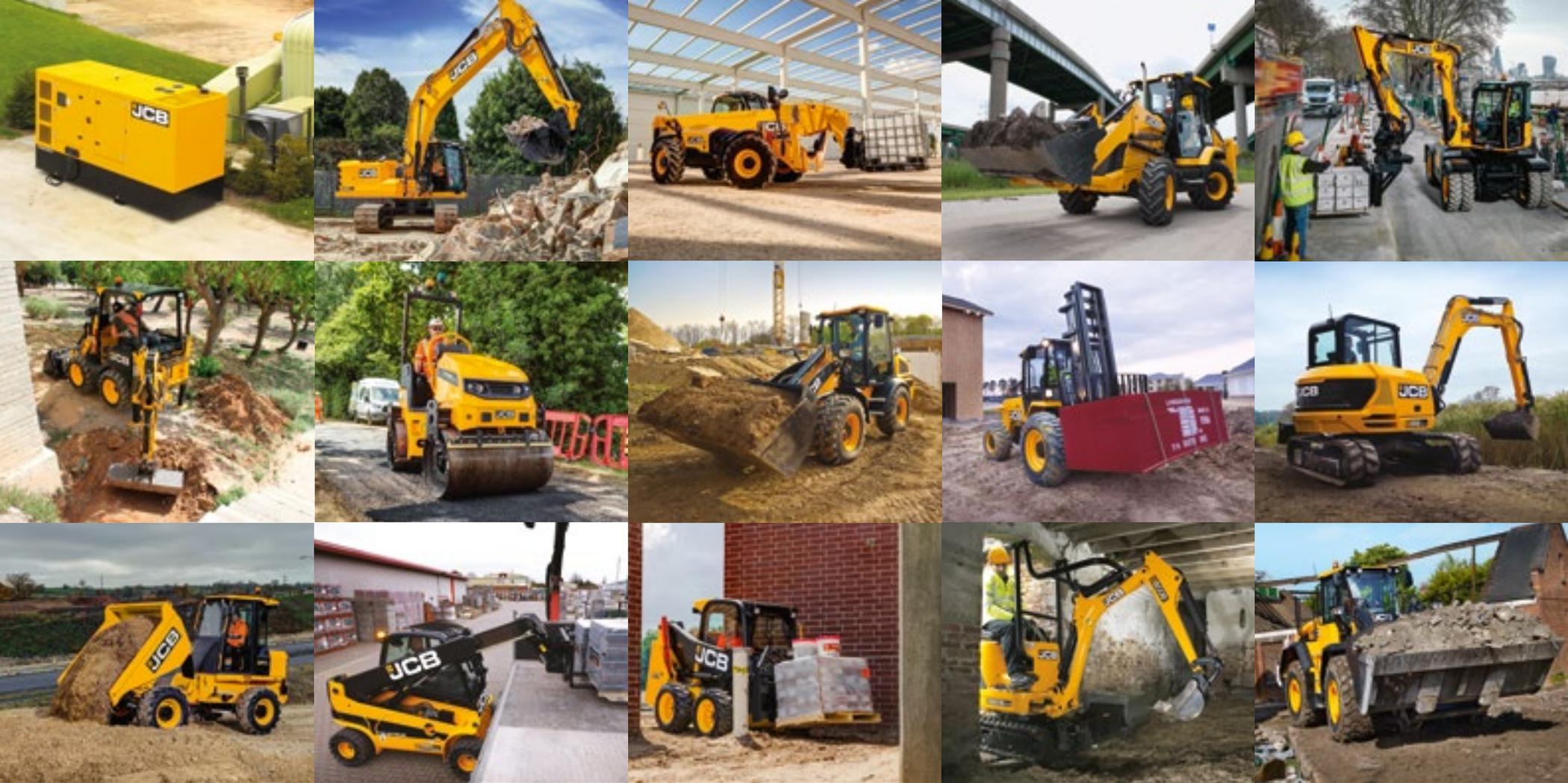
## OPTIONS

Foldable ROPS Canopy, Road lights, Seat belt activated Green Beacon, White Noise Alarm, LED Work lights (not compatible with Canopy).









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