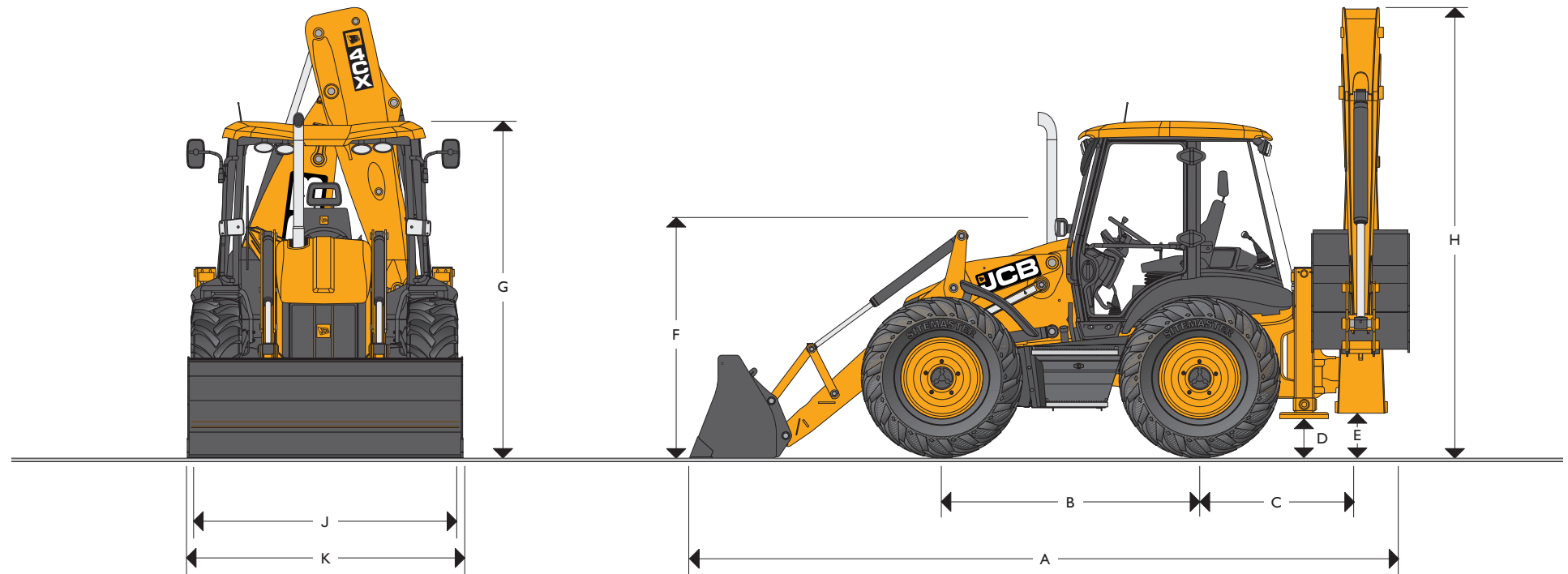




4CX MAX. ENGINE POWER: 74.2kW (100hp) MAX. BACKHOE DIG DEPTH: 4.67 metres (15ft 4in) MAX. LOADER CAPACITY: 1.3m³ (1.7yd³)

4CX SITEMASTER MAX. ENGINE POWER: 74.2kW (100hp) MAX. BACKHOE DIG DEPTH: 5.88 metres (19ft 4in) MAX. LOADER CAPACITY: 1.3m³ (1.70yd³)



STATIC DIMENSIONS

JCB Backhoe Loaders feature heavy duty one piece mainframe, componentised driveline and fully enclosed engine compartment. All fluid and component compartments are lockable using the ignition key.

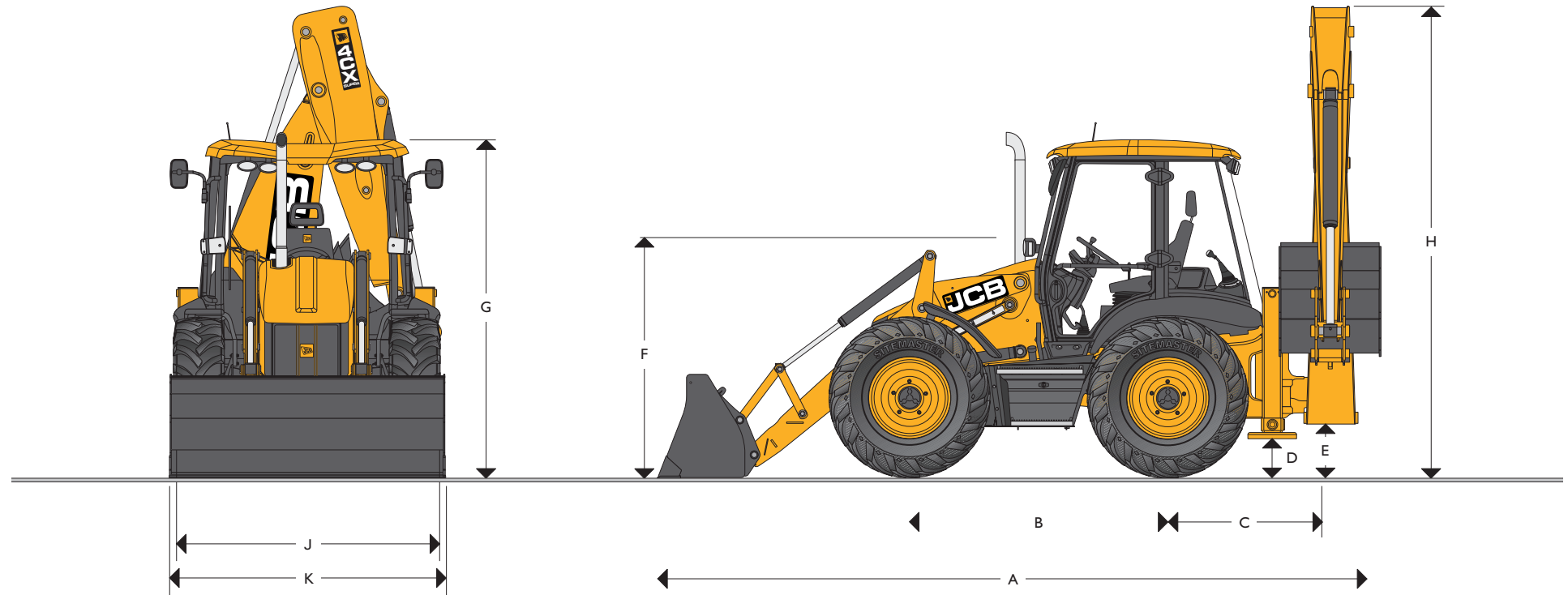
Machine model	4CX	4CX Sitemaster
	m (ft-in)	m (ft-in)
A Total travel length	5.91 (19-5)	5.91 (19-5)
B Axle centreline distance	2.22 (7-3)	2.22 (7-3)
C Slew centre to rear axle centre distance	1.36 (4-6)	1.36 (4-6)
D Stabiliser feet clearance	0.34 (1-1)	0.34 (1-1)
E Kingpost clearance	0.50 (1-8)	0.50 (1-8)
F Steering wheel centre height	1.88 (6-2)	1.88 (6-2)

Machine model	4CX	4CX Sitemaster
	m (ft-in)	m (ft-in)
G Cab roof height	2.84 (9-4)	2.88 (9-5)
H Total travel clearance	3.54 (11-7)	3.62 (11-11)
J Rear frame width	2.36 (7-9)	2.36 (7-9)
K Shovel width – standard	2.33 (7-8)	2.33 (7-8)
K Shovel width – option	2.44 (8-0)	2.44 (8-0)



4CX SUPER MAX. ENGINE POWER: 74.2kW (100hp) MAX. BACKHOE DIG DEPTH: 5.35 metres (17ft 7in) MAX. LOADER CAPACITY: 1.3m³ (1.70yd³)

4CX SUPER SITEMASTER MAX. ENGINE POWER: 74.2kW (100hp) MAX. BACKHOE DIG DEPTH: 6.51 metres (21ft 4in) MAX. LOADER CAPACITY: 1.3m³ (1.70yd³)



STATIC DIMENSIONS

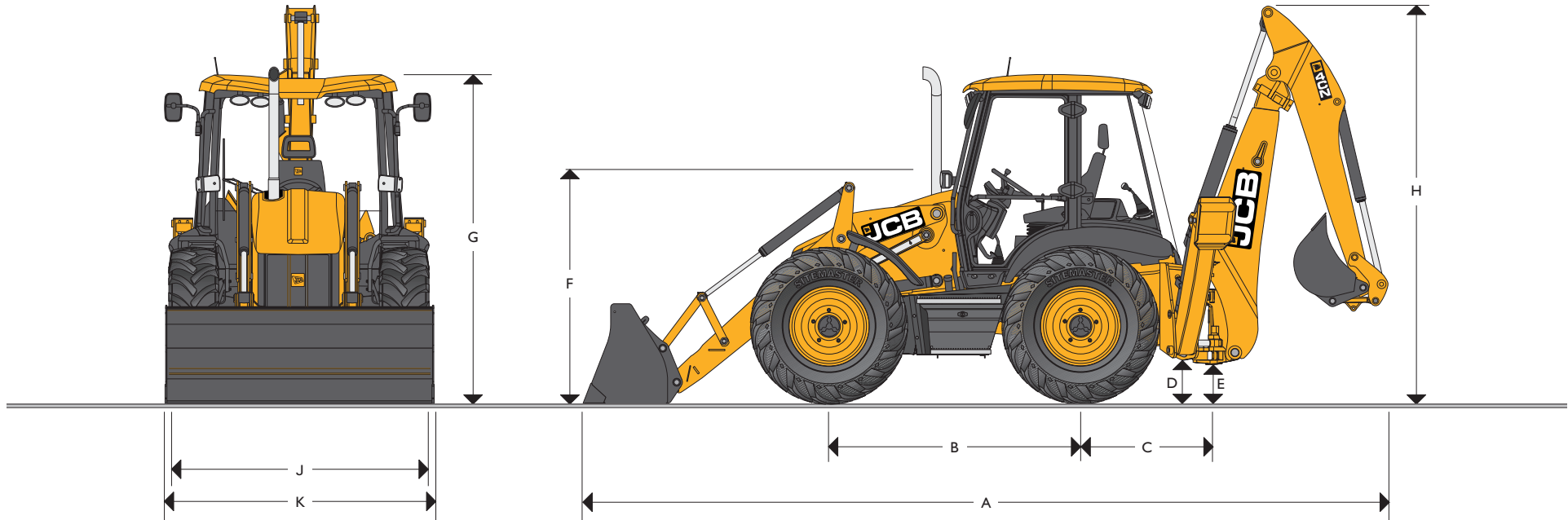
JCB Backhoe Loaders feature heavy duty one piece mainframe, componentised driveline and fully enclosed engine compartment. All fluid and component compartments are lockable using the ignition key.

Machine model	4CX Super	4CX Super Sitemaster
	m (ft-in)	m (ft-in)
A Total travel length	5.91 (19-5)	5.91 (19-5)
B Axle centreline distance	2.22 (7-3)	2.22 (7-3)
C Slew centre to rear axle centre distance	1.36 (4-6)	1.36 (4-6)
D Stabiliser feet clearance	0.34 (1-1)	0.34 (1-1)
E Kingpost clearance	0.50 (1-8)	0.50 (1-8)
F Steering wheel centre height	1.88 (6-2)	1.88 (6-2)

Machine model	4CX Super	4CX Super Sitemaster
	m (ft-in)	m (ft-in)
G Cab roof height	2.88 (9-5)	2.88 (9-5)
H Total travel clearance	3.90 (12-10)	3.93 (12-11)
J Rear frame width	2.36 (7-9)	2.36 (7-9)
K Shovel width (standard)	2.33 (7-8)	2.33 (7-8)
K* Shovel width (option)	2.44 (8-0)	2.44 (8-0)



MAX. ENGINE POWER: 74.2kW (100hp) MAX. BACKHOE DIG DEPTH: 5.19 metres (17ft 0in) MAX. LOADER CAPACITY: 1.3m³ (1.7yd³)



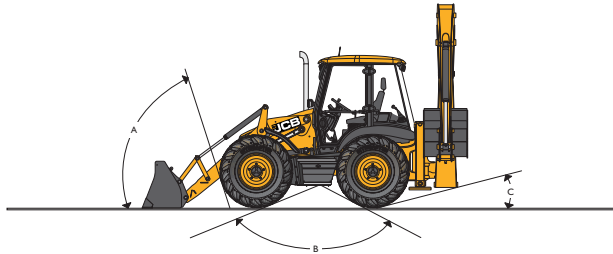
STATIC DIMENSIONS

JCB Backhoe Loaders feature heavy duty one piece mainframe, componentised driveline and fully enclosed engine compartment. All fluid and component compartments are lockable using the ignition key.

Machine model	4CN
	m (ft-in)
A Total travel length	7.53 (24-7)
B Axle centreline distance	2.32 (7-6)
C Slew centre to rear axle centre distance	1.20 (3-9)
D Stabiliser feet clearance	0.41 (1-3)
E Kingpost clearance	0.50 (1-8)

Machine model	4CN
	m (ft-in)
F Steering wheel centre height	1.88 (6-2)
G Cab roof height	2.84 (9-4)
H Total travel clearance	3.91 (12-8)
J Rear frame width	2.36 (7-9)
K Shovel width	2.33 (7-8)

GROUND LINE ANGLES



- A Approach angle 74°
- B Interference angle/ramp to ground plane 118°
- C Departure angle 19°

OPERATING WEIGHTS

Operating weight includes machine equipped with 610mm excavator bucket and full fuel tank.

Machine model	4CX	4CX Sitemaster	4CX Super	4CX Super Sitemaster	4CN
	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)
GP shovel and standard dipper	7950 (17500)	–	8130 (17900)	–	–
6 in I shovel and forks, Extra dig	8660 (19092)	8660 (19092)	8880 (19577)	8880 (19577)	8435 (18585)

ENGINE

Direct injection diesel. Belt driven water pump, cold start aid – territory dependent.

Machine model		All models	All models
Engine standard		Stage II	Stage III
Manufacturer		JCB	JCB
Aspiration		Turbocharged	Turbocharged & Intercooled
Displacement	litre	4.4	4.4
No. of cylinders		4	4
Bore	mm	103	103
Stroke	mm	132	132
Rated engine rpm		2200	2200
Power ratings			
Rated ISO 14396 (SAE J1995 Gross)	kW (HP)	74.2 (100)	74.2 (100)
Maximum torque			
Rated ISO 14396 (SAE J1995 Gross)	Nm (lbf ft)	425 (313.5)	440 (324.5)
Max. torque rpm		1300	1300

STEERING

Full power hydrostatic system utilising the main hydraulic pump via a steering priority valve. In the event of engine failure, emergency steering is maintained. Four equal size wheels with three steering modes – front wheel steering, four wheel steering and crab steer. Steer modes can be selected via the three-position rotary switch on the front dashboard.

Machine model	All models
Steering axles	Steer drive
Steering turns – lock to lock	2 ³ / ₄
	m (ft-in)
Kerb – kerb turning circle – unbraked	9.1 (29-10)
Loader clearance circle – unbraked	10.7 (35-1)
Kerb – kerb turning circle – braked	8.0 (26-3)
Loader clearance circle – braked	9.5 (31-2)

ENGINE SUPPORT SYSTEM

Engine support system is designed for ease of daily checks, routine maintenance and longer service intervals.

Fuel type	Diesel.
Fuel filter	Replaceable cartridge plus water/sediment separator prefilter.
Air cleaner	Dual, dry element type, with self cleaning internal air intake precleaner.
Oil filter and lubrication	Full flow, spin-on type filter.
Cooling system	Hot climate specification, pressurised 14.5 psi (1.0 bar) suction fan. Pressurised recovery tank with integral filler neck.

ELECTRICAL AND INSTRUMENTATION

12 volt negative ground, utilising wiring and connectors meeting IP69 water ingress test standard. Central fuse panel.

Gauges	Tachometer, engine coolant temp, fuel level, hourmeter, clock.
Warning system	Audible and visual system. Engine oil, water in fuel, transmission oil temperature and pressure, park brake, air cleaner, alternator.
Battery	900 CCA/110 A/hr.
Pre-wire	Radio speakers (cab), beacon (all).
Horn	Controlled from both front and rear.
Alternator	95 amp standard.
Front working lights	4 adjustable.
Rear working lights	4 adjustable.

JCB TORQUE LOCK (Optional)

An industry exclusive, JCB Torque Lock enables an operator to dramatically reduce travel time and improve fuel efficiency during roading operations.

Torque Lock incorporates a clutch which, when engaged, enables a direct connection between the engine and gearbox. By "locking up" the torque converter slippage is eliminated. Torque Lock engages automatically in 4th gear (Powershift models) or "A" mode (Autoshift models).

Torque Lock reduces fuel consumption by up to 25%, maintains road speed up hills for longer and allows the machine to reach its destination quicker or increase its working radius.

Not available on Synchroshuttle models.



TRANSMISSION

The JCB Transmissions are designed and built specifically for JCB Backhoe Loaders. They feature synchronised shifting in all gears. Powershuttle between forward and reverse. Ground speeds are designed to maximise productivity.

JCB optional Auto powershift 6 speed transmission features automatic upshift and downshift between 4th, 5th and 6th gear controlled by machine travel speed and incorporates a kickdown pedal to select first gear. The operator may use the Autoshift in manual mode when operator control of shift points is desired. The JCB Powershift transmission allows fast gear changing without losing speed or momentum on gradients. The integral torque converter and electrically operated reversing shuttle help this backhoe loader produce fast cycle times for real wheeled loader performance. Low 1st and 2nd gear ratios provide excellent tractive effort for loading and sitestripping.

Machine model	All models	All models
Manufacturer	JCB	JCB
Type	Powershift	Automatic Powershift
Torque converter	305mm (12")	305mm (12")
Torque converter ratio	2.54:1	2.54:1
Torque Lock	Option	Option
Gears forward/reverse	4/4	6/4
Gear selection	Powershift	Powershift
Shuttle control – F/R	Power shuttle	Power shuttle
Travel speeds	kph (mph)	kph (mph)
Tyres equipped	16.9x28	16.9x28
Gear 1	5.0 (3.1) F / 5.0 (3.1) R	4.9 (3.0) F / 6.2 (3.9) R
Gear 2	9.3 (5.8) F / 9.3 (5.8) R	8.1 (5.0) F / 8.4 (5.2) R
Gear 3	21.5 (13.4) F / 21.5 (13.4) R	11.0 (6.8) F / 22.4 (13.9) R
Gear 4	38.1 (23.7) / 38.1 (23.7)	17.7 (11.0) F / 30.5 (19.0) R
Gear 5	–	29.6 (18.4) F
Gear 6	–	38.1 (23.7) F

* Speeds vary dependant on tyre selection.

FRONT AXLE

JCB front axles are designed and built specifically for backhoe loaders and accept a wide variety of tyre combinations.

Machine model	All models
Type	JCB epicyclic hub reduction with torque proportional
Limited slip	Option
Axle ratings	kg (lb)
Static load rating	25000 (55116)
Dynamic load rating	12500 (27558)
Oscillation angle	16°
Steering ram	Powered track rod

REAR AXLE

JCB rear axles are designed and built specifically for backhoe loaders and accept a wide variety of tyre combinations.

Machine model	All models
Type	JCB epicyclic hub reduction with torque proportional
Limited slip	Option
Axle ratings	kg (lb)
Static load rating	25000 (55116)
Dynamic load rating	12500 (27558)

CAB

Excellent visibility (and safety) is provided by the extra large tinted glass areas of 6.4 sq m (70 sq ft). Cab frame is ROPS and FOPS approved for maximum operator protection. ISO standard 3471 and 3449 (SAE J1040 and J231).

- A fully adjustable seat with lumbar support combines with ergonomically positioned controls to minimise operator fatigue.
- The in-cab noise levels are the lowest in the business for maximum operator comfort.
- A radio location is provided as standard plus twin speakers for stereo sound.
- Cab provides easy access through a two door frame. Rear side windows open either partially or fully for extra ventilation. Standard features include: lap seat belt, 3 speed fresh air/recycle heater, front and rear screen wash/wipers, front and rear horn, exterior mirrors, and flat easy-clean floor.
- The instrument panel is positioned to the right-hand side for ease of viewing from either the loading or excavating position and has an optional lockable cover for vandal proofing. Engine speed, fuel and coolant temperature gauges, (and clock on cab builds) are mounted in the panel.
- A high performance air conditioning system is optionally available providing the operator with a cool working environment when working in high temperatures.
- Mechanical suspension seat gives the operator a comfortable operating position.
- An optionally available heated air suspension seat gives the operator the ultimate comfort with automatic compensation for weight.

JCB POWERSLIDE (Optional)

Exclusive to JCB, this factory fit option enables the excavator's sideshift carriage to be hydraulically powered across the rearframe by the operation of a pedal or joystick mounted proportional switch (EasyControl) in the cab. With this feature there is no need to "push" the carriage across with the bucket avoiding ground damage and the need to relocate the whole machine.

This option is available on open centre system only.



EASYCONTROL (Optional)

JCB EasyControl offers smooth, low effort and productive backhoe operation, while reducing operator fatigue. Excavator control joysticks are integrated into the seat, providing increased legroom, improved visibility and hydraulic excavator ergonomics. A proportional switch is mounted in the joystick to operate JCB's Extradig and optional auxiliary circuits are also available to operate various attachments. The low effort mechanical loader control incorporates a proportional switch to operate loader mounted attachments. Best in class hydraulic modulation combined with the greatest digging performance, means that the JCB EasyControl is unmatched in any backhoe loader. This option is available on 92hp and 100hp open centre systems only.

ADVANCED EASYCONTROL (Optional)

Advanced EasyControl is an alternative hydraulic control system available on select JCB 3CX and 4CX backhoe loaders. Building on the successful EasyControl system, it offers even higher levels of operator comfort, control and performance. Features include: seat mounted controls which operate both the excavator and loader; plus a telescopic steering column with integrated forward and reverse control for greater comfort. In addition, Advanced EasyControl boasts high output variable flow hydraulics which provides full flow on demand for increased fuel efficiency, faster digging cycles and maximum productivity and additional filtration for improved efficiency and reliability.

POWER BRAKES

The JCB class leading hydraulic power brakes system is fitted as standard and ensures low effort, effective, fade-free braking. The self-adjusting, multi-disc arrangement is inboard mounted and is oil immersed for minimum maintenance and a long operating life.

- Four wheel braking.
- Twin brake pedals provide tighter turning circle and enhanced steering control on slippery ground.
- Automatic compensation ensures 'straight' machine braking.
- Accumulator back-up provides maximum safety under all conditions and in the case of dead engine applies 4 wheel braking.
- Transmission logic and spring on / hydraulic release 4WD clutch means that the park brake is always applied to front and rear axles for effective braking.
- Increased back off in the brake packs reduces friction and saves fuel.
- Uses the main hydraulic system oil which eliminates the need for a separate brake oil reservoir which also reduces service costs.
- Class leading brakes have proportional braking effort throughout the pedal travel.
- Disc diameter: 220 mm (8.7 in). Friction area: 129,000 sq.mm (200 sq. in) per brake.
- The integral park brake is a ball and ramp, oil immersed type located within the transmission and will hold the machine on 1:3 gradients. It is an over-centre type, adjustable within the cab, with transmission disconnect to prevent premature brake pad wear. There are 5 friction brake discs having an outside diameter of 127mm (5 in). Frictional area per brake disc is 47.65 sq. cm (7.39 sq. in) giving a total frictional area of 476.5 sq. cm (73.9 sq. in).

TYRES

16.9 x 28, 12PR Industrial, 440/80 x R28, Industrial and Traction, 500/70 R28 Traction.

JCB SMOOTH RIDE SYSTEM (Optional)

The JCB Smooth Ride System (SRS) consists of a dry nitrogen and oil filled accumulator installed in line with the loader lift cylinders. When activated, the Smooth Ride System allows the loader arms to float. This action counteracts variations in road or site surfaces and provides the operator with a smooth ride. The JCB Smooth Ride System is manually controlled, via a rocker switch on the instrument panel, for maximum benefit and user flexibility.

HYDRAULIC SYSTEM

The standard Open Centre system uses three gear pumps and Hydraulic Speed Control (HSC) with a power modulation valve that automatically varies hydraulic power to match digging conditions for extra performance, control and power.

- In the EcoDig mode the innovative three pump design allows excavating at lower RPM to reduce fuel consumption and engine emissions by up to 15%, without reducing performance. (Manual and EasyControl machines only).
- A Power Modulation Valve automatically varies the hydraulic power to match digging conditions to improve performance and efficiency – automatically dumps one pump when 4th gear selected on powershift models.
- The HSC switch enables controlled use of hydraulic response depending upon application.
- An independent pump powers the Extradig dipper so that it can extend or retract without breaking the digging cycle. This allows faster cycle times and simultaneous use of the telescopic and normal excavator actions in operations such as grading and bank dressing.

The alternative Closed Centre system uses a single variable flow axial piston pump. This load sensing system matches flow to work demand improving productivity and efficiency. Both systems incorporate:

- Ergonomically positioned levers allowing excellent control of the loader and backhoe.
- A full flow 10 micron filter ensures that oil stays free of contaminants.

Pump flows at 2200rpm*		
Open centre systems (Gear pumps)	l/min (gal/min)	l/min (gal/min)
Manual Control (Gear pump)		
Manual main pump	82 (17.8)	80 (17.6)
Manual second pump	73 (16)	64 (14.1)
EasyControl		
Manual main pump	82 (17.8)	80 (17.6)
Manual second pump	73 (16)	64 (14.1)
Closed centre systems (Piston pump)	l/min (gal/min)	l/min (gal/min)
Advanced EasyControl	165 (32.3)	165 (32.3)
	bar (lbf/sq in)	
System relief pressure	251 (3650)	251 (3650)

*Optimum flow **Territory specific

AUXILIARY CIRCUITS

The JCB hydraulic hand-held tool circuit, an industry exclusive, can run a variety of tools including breakers, pumps, and disc cutters, eliminates the need for separate power packs.

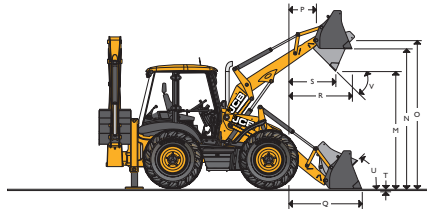
Meets the EHTMA Class C tools operation.

Pressure 138 bar
Maximum flow 20 lpm

The JCB Hammer circuit has the ability to switch between low-flow and high-flow circuits to operate single flow attachments such as hammers, patch planers and compactors.

A combined hammer and bi-directional circuit is also available with the ability to switch between low-flow and high-flow circuits to operate the full range of attachments for incredible versatility.

LOADER DIMENSIONS



LOADER DIMENSIONS

		GP shovel	6-in-1 shovel
M	Dump height	m (ft-in) 2.69 (8-10)	2.69 (8-10)
N	Load over height	m (ft-in) 3.21 (10-6)	3.18 (10-5)
O	Pin height	m (ft-in) 3.46 (11-4)	3.46 (11-4)
P	Pin forward reach	m (ft-in) 0.41 (1-4)	0.41 (1-4)
Q	Reach at ground (toe plate horizontal)	m (ft-in) 1.42 (4-8)	1.39 (4-7)
R	Max. reach at full height	m (ft-in) 1.21 (4-0)	1.17 (3-10)
S	Reach at full height fully dumped	m (ft-in) 0.82 (2-8)	0.76 (2-6)
T	Dig depth	m (ft-in) 0.14 (0-5)	0.18 (0-7)
U	Roll back at ground	degrees 45°	45°
V	Dump angle	degrees 45°	45°
	Jaw opening width	–	0.95 (3-1)
	4CX	●	●
	4CX Super	●	●
	4CX Sitemaster		●
	4CX Super Sitemaster		●

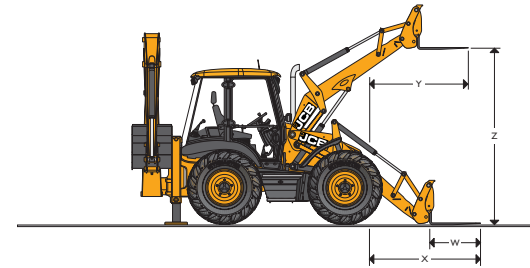
Integrated Quickhitch and Forks are unique to JCB and speeds up attachment changeover times and increases productivity. Mechanical or hydraulic Quickhitch versions are available and with the shovel removed, the flip over forks maximise fork lift capacity to 2000kg and increases visibility to the load.

LOADER PERFORMANCE

JCB loaders provide parallel lift self levelling on the up and down cycle enhancing load retention and use of optional pallet forks. High capacity buckets combined with high lift and breakout forces maximise productivity.

		G.P. Shovel	6-in-1
Shovel breakout	kgf (lbf)	6227 (13699)	6590 (14498)
Loader arm breakout	kgf (lbf)	5936 (13059)	5730 (12606)
Max. lift capacity to full height	kg (lb)	4638 (10203)	4378 (9631)
Clamping force	kgf (lbf)	–	2945 (6479)
	4CX	●	●
	4CX Super	●	●
	4CX Sitemaster		●
	4CX Super Sitemaster		●

LOADER ATTACHMENTS



LOADER ATTACHMENTS – Forklift Performance and Data

		6-in-1 Shovel mounted forks	Quickhitch mounted forks
	Section width	m (ft-in) 0.08 (0-3 ¹ / ₈)	0.08 (0-3 ¹ / ₈)
W	Fork length	m (ft-in) 1.1 (3-7)	1.1 (3-7)
X	Reach at ground	m (ft-in) 2.68 (8.9)	2.13 (7-0)
Y	Reach at full height	m (ft-in) 2.30 (7-6)	1.76 (5-9)
Z	Fork lift height	m (ft-in) 2.90 (9-6)	3.28 (10-9)
	Fork spacing – min	m (ft-in) 0.2 (0-8)	0.2 (0-8)
	Fork spacing – max	m (ft-in) 2.17 (7-3)	1.03 (3-4)
	SWL @ 500mm load centres	kg (lb) 1000 (2205)	2000 (4410)
	4CX		●
	4CX Super	●	●
	4CX Sitemaster	●	●
	4CX Super Sitemaster	●	●

LOADER ATTACHMENTS – Direct Mount

Loader buckets are listed according to size and application. All buckets are drilled to accept optional auxiliary cutting edge or teeth. Flat top box section provides rigidity and assists in bucket levelling.

	Capacity SAE			
	G.P. Shovel		6 in 1	
Width mm (ft-in)	Rated m ³ (yd ³)	Struck	Rated m ³ (yd ³)	Struck
2235 (7-4)	1.0 (1.32)	0.83 (1.09)	1.0 (1.32)	0.76 (1.00)
2350 (7-8)	1.1 (1.44)	0.91 (1.19)	1.0 (1.32)	0.76 (1.00)
2350 (7-8)	1.3 (1.70)	1.19 (1.56)	1.2 (1.57)	1.02 (1.33)
2440 (8-0)	–	–	1.3 (1.70)	1.19 (1.56)
	4CX	●		
	4CX Super	●		●
	4CX Sitemaster	●		●
	4CX Super Sitemaster			●



BACKHOE ATTACHMENTS – Standard Profile Bucket

Width*	Capacity SAE		Weight (+ Teeth)	
	Rated m ³ (ft ³)	Struck m ³ (ft ³)	kg (lb)	Teeth
229 (9)	0.04 (1½)	0.03 (1)	95 (209)	0
305 (12)†	0.06 (2½)	0.05 (1¾)	102 (225)	3
356 (14)†	0.075 (2½)	0.06 (2)	105 (231)	3
400 (16)†	0.09 (3)	0.07 (2½)	109 (240)	3
457 (18)†	0.12 (4½)	0.09 (3)	116 (256)	3
610 (24)†	0.17 (6)	0.13 (4½)	140 (310)	4
800 (32)†	0.24 (8½)	0.17 (6)	162 (355)	5
950 (37)†	0.30 (10½)	0.21 (7¼)	198 (435)	5

* Including sidecutters. Width less sidecutters deduct 25mm (1in).

† Available with additional wear strips to give added strength and rigidity.

DITCHING BUCKETS

Width*	Capacity SAE		Weight
	Rated m ³ (ft ³)	Struck m ³ (ft ³)	kg (lb)
1525 (60)	0.22 (7¾)	0.16 (5½)	150 (330)
1830 (72)	0.26 (9)	0.19 (6½)	172 (379)

BACKHOE BUCKETS – Deep Profile Bucket

Width*	Capacity SAE		Weight (+ Teeth)	
	Rated m ³ (ft ³)	Struck m ³ (ft ³)	kg (lb)	Teeth
305 (12)	0.09 (3)	0.07 (2½)	102 (225)	3
356 (14)	0.11 (4)	0.09 (3¼)	117 (257)	1
457 (18)	0.16 (5½)	0.13 (4½)	122 (269)	3
610 (24)	0.23 (8)	0.18 (6¼)	142 (314)	4
800 (32)	0.30 (10½)	0.24 (8½)	163 (359)	5
950 (37)	0.38 (½)†	0.30 (10½)	183 (403)	5
1100 (43)	0.48 (¾)†	0.34 (12)	203 (448)	6

* Including sidecutters. Width less sidecutters deduct 25mm (1in). † Capacity in cu.yd.

TAPERED BUCKETS

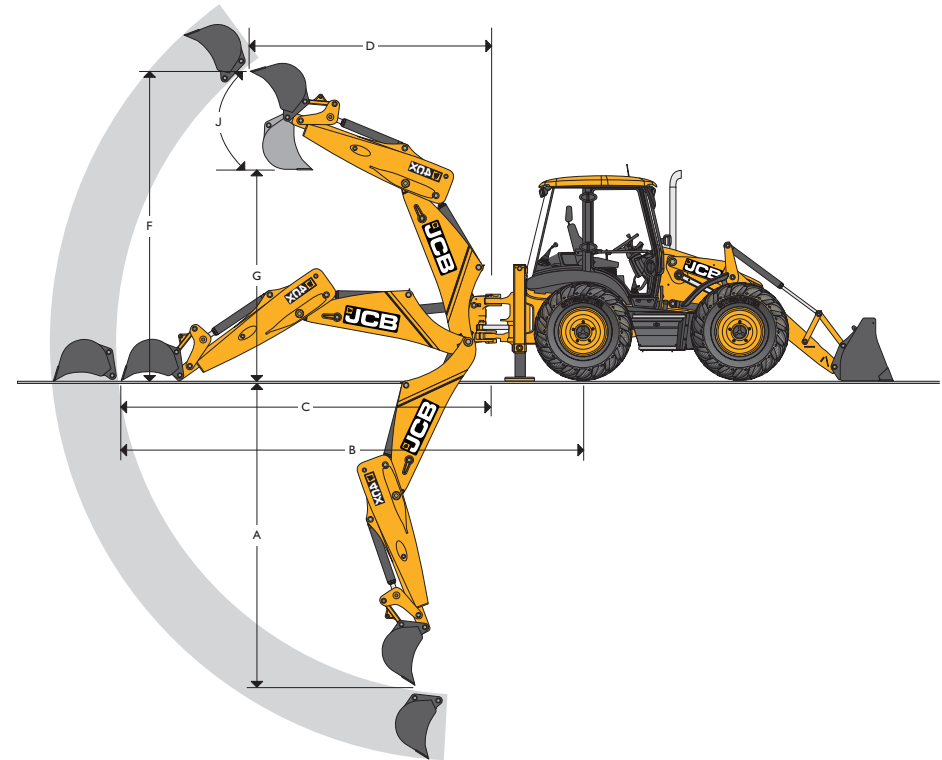
Width*	Capacity SAE		Angle degrees	Teeth
	Rated m ³ (ft ³)	Struck m ³ (ft ³)		
381–1676 (15–66)	0.07 (2½)	0.06 (2)	30	2
305–1067 (12–42)	0.12 (4½)	0.10 (3½)	60	2

SERVICE CAPACITIES

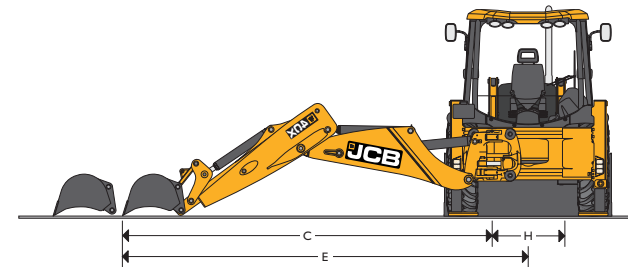
Machine model	All models
	ltr (gal)
Cooling system	18.5 (4.1)
Fuel tank	160 (35.2)
Engine oil with filter	15 (3.3)
Powershift transmission with filter	16 (3.5)
Autoshift transmission with filter	16 (3.5)
Rear axle	16 (3.5)
Front drive axle	16 (3.5)
Hydraulic system incl. tank	132 (29)

BACKHOE DIMENSIONS

Model		4CX	4CX, 4CX Sitemaster	4CX Super, 4CX Super Sitemaster
		Standard Dipper	Extradig	Standard Dipper
		m (ft-in)	m (ft-in)	m (ft-in)
A SAE max dig depth	Ext	–	5.53 (18-2)	6.14 (20-2)
	Ret	4.32 (14-2)	4.32 (14-2)	4.98 (16-4)
SAE 2ft flat bottom	Ext	–	5.50 (18-1)	6.11 (20-1)
	Ret	4.29 (14-1)	4.29 (14-1)	4.93 (16-2)
Maximum dig depth	Ext	–	5.88 (19-4)	6.51 (21-4)
	Ret	4.67 (15-4)	4.67 (15-4)	5.35 (17-7)
B Reach – ground level to rear wheel centre	Ext	–	7.88 (25-10)	8.44 (22-8)
	Ret	6.74 (22-1)	6.74 (22-1)	7.35 (24-1)
C Reach – ground level to slew centre	Ext	–	6.54 (21-5)	7.10 (23-4)
	Ret	5.40 (17-9)	5.40 (17-9)	6.01 (19-9)
D Reach – at full height to slew centre	Ext	–	3.75 (12-4)	4.47 (14-8)
	Ret	2.82 (9-3)	2.82 (9-3)	3.43 (11-8)
E Side reach – to centre line of machine	Ext	–	7.16 (23-6)	7.71 (25-4)
	Ret	6.02 (19-9)	6.02 (19-9)	6.69 (21-11)
F SAE operating height	Ext	–	6.26 (20-7)	6.52 (21-5)
	Ret	5.45 (17-11)	5.45 (17-11)	5.89 (19-4)
G Maximum loadover height	Ext	–	4.73 (15-6)	5.03 (16-6)
	Ret	3.84 (12-7)	3.84 (12-7)	4.06 (13-4)
SAE loadover height	Ext	–	4.28 (14-1)	4.55 (14-11)
	Ret	3.39 (11-1)	3.39 (11-1)	3.58 (11-9)
H Total kingpost travel		1.16 (3-10)	1.16 (3-10)	1.16 (3-10)
J Bucket rotation		201°	201°	201°


BACKHOE PERFORMANCE

		4CX	4CX, 4CX Sitemaster	4CX Super, 4CX Super Sitemaster
		Standard Dipper	Extradig	Standard Dipper
		kgf (lbf)	kgf (lbf)	kgf (lbf)
Bucket tearout	Speed	5431 (11948)	5385 (11847)	5387 (11851)
	Power	6324 (13912)	6228 (13701)	6230 (13706)
Dipper tearout	Ext	–	2729 (6004)	2675 (5885)
	Ret	3893 (8564)	3903 (8587)	3722 (8188)
		kg (lb)	kg (lb)	kg (lb)
Max. lift capacity of bucket pivot at full reach	Ext	–	1082 (2380)	1199 (2638)
	Ret	2046 (4501)	1885 (4147)	1556 (3423)

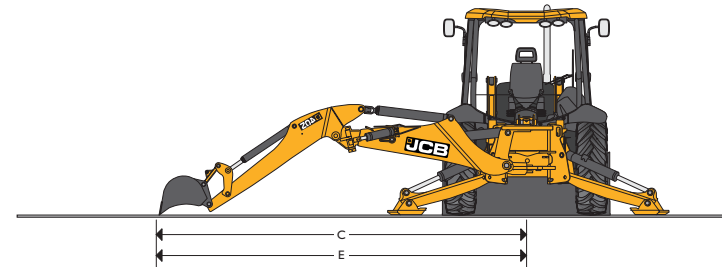
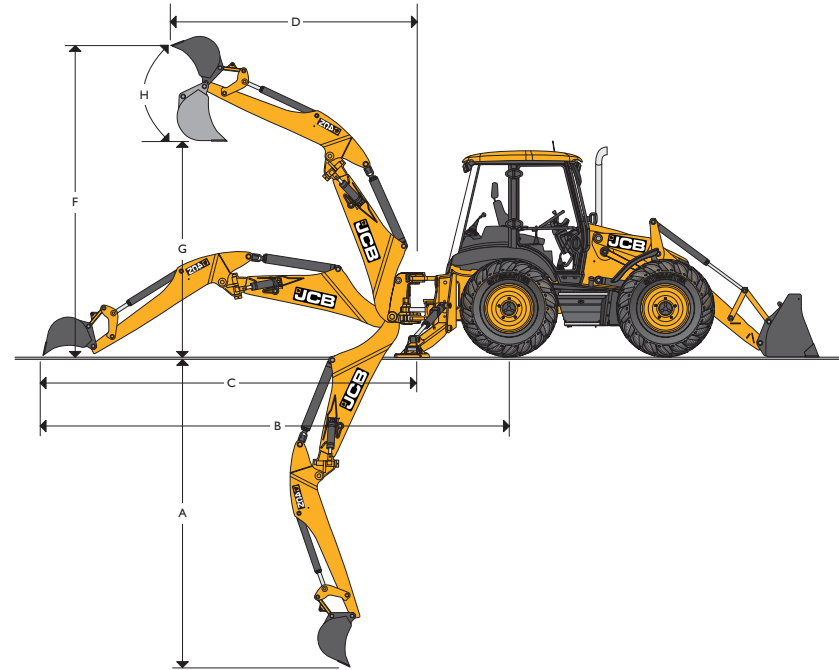
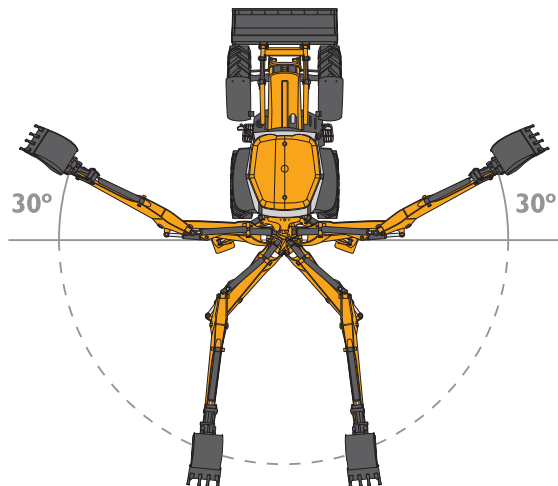


BACKHOE DIMENSIONS

Model	4CN
	m (ft-in)
A SAE max dig depth	4.85 (15-6)
SAE 2ft flat bottom	4.82 (15-8)
Maximum dig depth	5.19 (17-0)
B Reach – ground level to rear wheel centre	7.13 (23-3)
C Reach – ground level to slew centre	5.93 (19-4)
D Reach – at full height to slew centre	3.26 (10-6)
E Side reach – to centre line of machine	5.93 (19-4)
F SAE operating height	5.82 (19-0)
G Maximum loadover height	4.60 (15-0)
H Bucket rotation	201°

BACKHOE PERFORMANCE

Model	4CN	
	kgf (lbf)	
Bucket tearout	Speed	6047 (13331)
	Power	6929 (15275)
Dipper tearout	3893 (8582)	
	kg (lb)	
Max. lift capacity of bucket pivot at full reach	1733 (3820)	


4CN

The 4CN features a knuckle boom which has a 30° articulation angle between the boom and dipper giving a working envelope of 240°. This allows you to dig in areas simply not possible with a conventional backhoe e.g: around objects like trees, telegraph poles or lamp posts; parallel alongside a road while keeping the machine on the road; or even towards the front of the machine.

A GLOBAL COMMITMENT TO QUALITY

JCB's total commitment to its products and customers has helped it grow from a one-man business into Britain's largest privately owned manufacturer of backhoe loaders, crawler excavators, wheeled excavators, telescopic handlers, wheeled loaders, dump trucks, rough terrain fork lifts, industrial fork lifts, mini/midi excavators, skid steer loaders, tractors and compaction equipment.

By making constant and massive investments in the latest production technology, the JCB factories have become some of the most advanced in the world.

By leading the field in innovative research and design, extensive testing and stringent quality control, JCB machines have become renowned all over the world for performance, value and reliability.

And with a global sales and service network of more than 650 dealers and agents, we aim to deliver the best customer support in the industry.

Through setting the standards by which others are judged, JCB has become one of the world's most impressive success stories.

