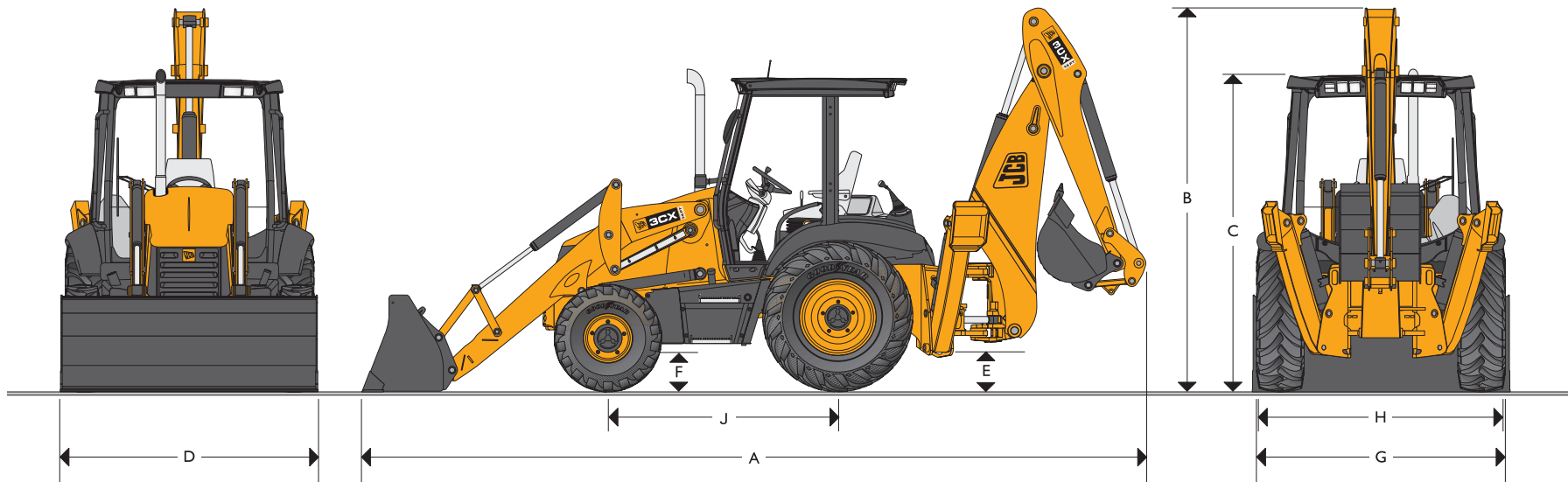


JCB BACKHOE LOADER | 3CX





JCB BACKHOE LOADER | 3CX 14FT



STATIC DIMENSIONS

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

3CX 14 FT	2WD ft-in (meter)	4WD ft-in (meter)
A Transport length	23-7 (7.19)	23-7 (7.19)
B Transport height – standard backhoe	11-3 (3.43)	11-3 (3.43)
B Transport height – Extradig	11-7 (3.53)	11-7 (3.53)
C Height to top of cab/canopy	9-9 (2.87)	9-5 (2.87)
D Overall width with bucket	7-8 (2.45)	7-8 (2.45)

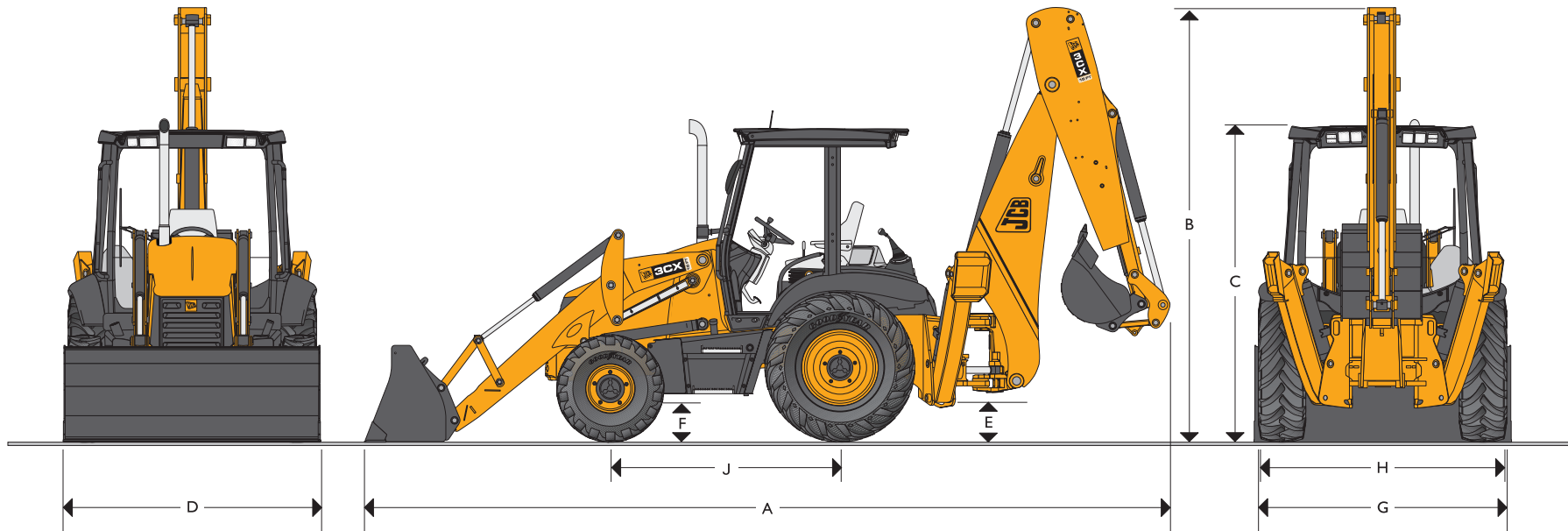
3CX 14 FT	2WD ft-in (meter)	4WD ft-in (meter)
E Ground clearance – mainframe	1-1 (0.33)	1-1 (0.33)
F Ground clearance – front axle	1-1.4 (0.34)	0-11 (0.28)
G Front wheel track	7-1 (2.16)	7-4.5 (2.25)
H Rear wheel track	7-3 (2.21)	7-3 (2.21)
J Wheelbase	7-3 (2.21)	7-5 (2.26)

JCB BACKHOE LOADER | 3CX 14FT

Helping You Get
the Job Done!



JCB BACKHOE LOADER | 3CX 15FT



STATIC DIMENSIONS

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

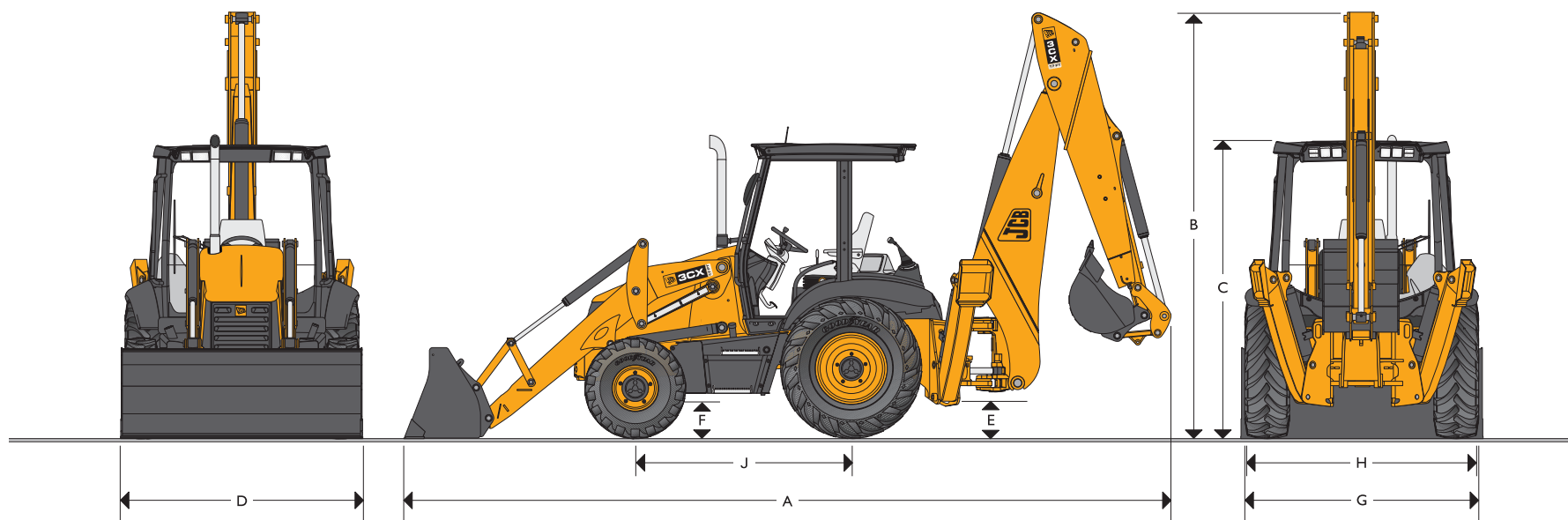
Machine model	3CX 15 FT ft-in (meter)
A Transport length	24-7 (7.49)
B Transport height – standard backhoe	12-9 (3.89)
B Transport height – Extradig	12-10 (3.91)
C Height to top of cab/canopy	9-9 (2.87)
D Overall width with bucket	7-8 (2.35)

Machine model	3CX 15 FT ft-in (meter)
E Ground clearance – mainframe	1-1 (0.33)
F Ground clearance – front axle	0-11 (0.28)
G Front wheel track	7-4.5 (2.25)
H Rear wheel track	7-3 (2.21)
J Wheelbase	7-5 (2.26)

JCB BACKHOE LOADER | 3CX 15FT



JCB BACKHOE LOADER | 3CX 17 FT



STATIC DIMENSIONS

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

Machine model	3CX 17 FT
	ft-in (meter)
A Transport length	24-7 (7.49)
B Transport height – standard backhoe	13-7 (4.14)
B Transport height – Extradig	13-9 (4.19)
C Height to top cab/canopy	9-9 (2.87)
D Overall width with bucket	8-0 (2.44)

Machine model	3CX 17FT
	ft-in (meter)
E Ground clearance – mainframe	1-1 (0.33)
F Ground clearance – front axle	0-11 (0.28)
G Front wheel track	7-4.5 (2.25)
H Rear wheel track	7-3 (2.21)
J Wheelbase	7-5 (2.26)

JCB BACKHOE LOADER | 3CX 17 FT

Helping You Get
the Job Done!



JCB BACKHOE LOADER | 3CX



OPERATING WEIGHTS

Operating weight includes machine equipped with standard loader bucket, 24" HD backhoe bucket, full fluid levels and SAE operator.

3CX	14FT-2WD	14FT-4WD	15FT	17FT
	lb (kg)	lb (kg)	lb (kg)	lb (kg)
Base unit – standard backhoe	15053 (6830)	15439 (7005)	17037 (7730)	17515 (7947)
Add for: cab	540 (245)	540 (245)	540 (245)	540 (245)
Add for: Extradig	998 (453)	998 (453)	646 (293)	646 (293)

JCB 444 ENGINE

Four cylinder, direct injection diesel. Water pump, spin-on oil filter, fuel filter, water sediment separator prefilter, dual element air cleaner with internal pre-cleaner, cold start aid. EPA Tier III, CARB emission compliant.

3CX	14FT	15FT/17FT
Displacement	268 cubic inches (4.4 liters)	
Aspiration	Turbo	
Rated engine RPM	2200	
Power ratings	HP (kW)	HP (kW)
SAE gross	92 (68.6)	100 (74.2)
SAE net	90.1 (67.2)	97.6 (72.8)
Maximum torque	lb-ft (Nm)	lb-ft (Nm)
SAE gross	301 (408)	324.5 (440)
SAE net	281.8 (382)	307.6 (417)
Max. torque RPM	1200	1300

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 transmission. By "locking up" the torque converter, slippage is eliminated. Torque Lock engages automatically in "A" model on Autoshift models only.

STEERING

Full power hydrostatic system utilizing the main hydraulic pump via a steering priority valve. In the event of engine failure, emergency steering is maintained.

Machine Model	3CX
Axles	Steer drive
Steering Turns – lock to lock	2 ¾
	ft-in (meter)
Curb – curb turning circle – unbraked	26-5 (8.1)
Loader clearance circle – unbraked	34-1 (10.72)
Curb – curb turning circle – braked	22-8 (6.9)
Loader clearance circle – braked	31-2 (9.5)

(Depending on tire size, ground conditions, etc.)

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 pre-cleaner.
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, utilizing 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 for engine oil, water in fuel, transmission oil temperature and pressure, park brake, air cleaner, alternator.
Battery	12V, 1000 CCA.
Pre-wire	Radio speakers (cab), beacon (cab and canopy).
Horn	Controlled from both front and rear.
Reverse alarm	Standard.
Alternator	95 amp.



JCB BACKHOE LOADER | 3CX



JCB BACKHOE LOADER | 3CX

TRANSMISSION

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

3CX – 2WD/4WD	(2 WD)	(4 WD)		
Manufacturer	JCB	JCB	JCB	JCB
Type	JCB Synchroshuttle	JCB Synchroshuttle	JCB Powershift	JCB Autoshift
Torque converter	Single stage dual phase	Single stage dual phase	Single stage dual phase	Single stage dual phase
Torque converter ratio	3.01:1	3.01:1	2.52:1	2.52:1
Torque Lock	N/A	N/A	N/A	Yes
Gears forward/reverse	4F/4R	4F/4R	4F/4R	4F/4R
Gear selection	Manual	Manual	Powershift	Powershift/Autoshift
Shuttle control – F/R	Power shuttle	Power shuttle	Power shuttle	Power shuttle
Travel speeds	mph (kph)	mph (kph)	mph (kph)	mph (kph)
Tires equipped	19.5-24 tires	19.5-24 tires	19.5-24 tires	19.5-24 tires
Gear 1	3.3 (5.36)	3.2 (5.5)	3.1 (5.0)	3.1 (5.0)
Gear 2	5.4 (8.6)	5.3 (8.6)	5.8 (9.3)	5.1 (8.2)
Gear 3	11.5 (18.6)	11.4 (18.3)	13.4 (21.5)	6.9 (11.0)
Gear 4	20.2 (32.4)	22.2 (36.2)	22.5 (36.0)	11.1 (17.8)
Gear 5				18.5 (29.6)
Gear 6				25.0 (40.0)

TIRES

Tires listed are most popular sizes. See your JCB Dealer for a full listing of available tire sizes and tread designs. Tires are listed in as front and rear combinations that are compatible with axle availability.

3CX	2WD	4WD
11L-16, F3, – front		
19.5L-24, R4, – rear		
14-17.5, FWD, – front		
19.5L-24, R4, – rear		
12.5-18L – front		
21L x 24, R4, – rear		
340/80 R18 XMCL – front		
440/80 R28 XMCL – front		

BRAKES

Self adjusting oil immersed, inboard, multi-disc type. Hydraulic power assisted actuation on all models. Oil immersed multi-plate brakes provide fade free stops.

Two pedal service brakes for individual or simultaneous operation. Selectable 4WD braking for improved road deceleration. (4WD model only).

For synchroshuttle transmissions, the independent parking brake is mounted on the input shaft of the rear axle.

For Powershift transmissions, the integral park brake is a ball and ramp, oil immersed type located within the transmission.

FRONT AXLE

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

3CX	14FT-2WD	14FT-4WD	15FT	17FT
Type	Flame cut bar w/fixed tread	JCB Max-Trac torque proportioning	JCB Max-Trac torque proportioning	JCB Max-Trac torque proportioning
Limited slip	N/A	N/A	N/A	N/A
Axle ratings	lb (kg)	lb (kg)	lb (kg)	lb (kg)
Static load rating	36376 (16499)	36376 (16499)	36376 (16499)	36376 (16499)
Dynamic load rating	18300 (8303)	18300 (8303)	18300 (8303)	18300 (8303)
SAE J43 rating	24200 (11000)	26083 (11856)	26083 (11856)	26083 (11856)

REAR AXLE

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

3CX	14FT-2WD	14FT-4WD	15FT	17FT
Type	JCB limited slip differential with outboard planetary drive			JCB Max-Trac torque
Axle ratings	lb (kg)	lb (kg)	lb (kg)	
Static load rating	55125 (25011)	55125 (25011)	55125 (25011)	55125 (25011)
Dynamic load rating	27562 (12505)	27562 (12505)	27562 (12505)	27562 (12505)
SAE J43 rating	18650 (8477)	24150 (10977)	24150 (10977)	30457 (14546)

OPERATOR'S AREA

Meets SAE ROPS/FOPS requirements. Deluxe trim with standard features including the following:

	Cab	Canopy
Heavy duty suspension seat with armrests		
2" seat belt (3" option)		
4 front and 4 rear work lamps		
Brake lights, hazard lamps, turn signals		
3 speed windshield wiper and washer		
Rear window wiper and washer		
Tilt steering column		
Interior rear view mirror		
Deluxe floor, head liner and dome lamp		
Heater/defogger with upper and lower vents		
Openable side and rear windows		
Side and front instrument panels		

Helping You Get the Job Done!



JCB BACKHOE LOADER | 3CX



LOADER ATTACHMENTS – Direct Mount

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

3CX	14FT	15FT	17FT
	lb (kg)	lb (kg)	lb (kg)
HD bucket – 92", 1.4 cu.yd.	948 (430)	948 (430)	N/A
HD bucket – 96", 1.6 cu.yd.	N/A	N/A	1325 (650)
6-in-1, 92" – with forks 1.5 cu.yd.	N/A	N/A	2160 (900)
6-in-1, 92" – with forks 1.3 cu.yd.	1940 (880)	1940 (880)	1984 (880)

HYDRAULIC SYSTEM

Open center system incorporating dual gear pumps which supply oil for loader, backhoe and steering systems. Side mounted hydraulic tank with sight glass. JCB cylinders with hose protection, structural steel tubing. Return line filter with magnet and replaceable cartridge.

3CX	14FT	15FT	17FT
	gpm (lpm)	gpm (lpm)	gpm (lpm)
Pump output – #1	24 (91)	24 (91)	24 (91)
Pump output – #2	15 (57)	17 (64)	17 (64)
Combined pump output	39 (148)	41 (155)	41 (155)
	psi (bar)	psi (bar)	psi (bar)
System relief pressure	3650 (252)	3650 (252)	3650 (252)
Offloader valve relief	3000 (207)	3000 (207)	3000 (207)
Filter rating	10 micron	10 micron	10 micron

LOADER ATTACHMENTS – Tool Carrier – Q-Fit

3CX	14 FT	15 FT	17 FT
Optional Q fit coupler			
48" Pallet forks with load guard			
2.0 cu.yd. light material bucket			
1.5 cu.yd. BHL profile bucket			
1.7 cu.yd. loader profile bucket			
12 foot truss boom			
Side shift carriage			
Side tilt carriage			
Framer's carriages			
Q-fit blank			
Sweeper/collector			

Consult your JCB Dealer for the complete list of Q-fit attachments and applications.

SMOOTH RIDE SYSTEM (Optional)

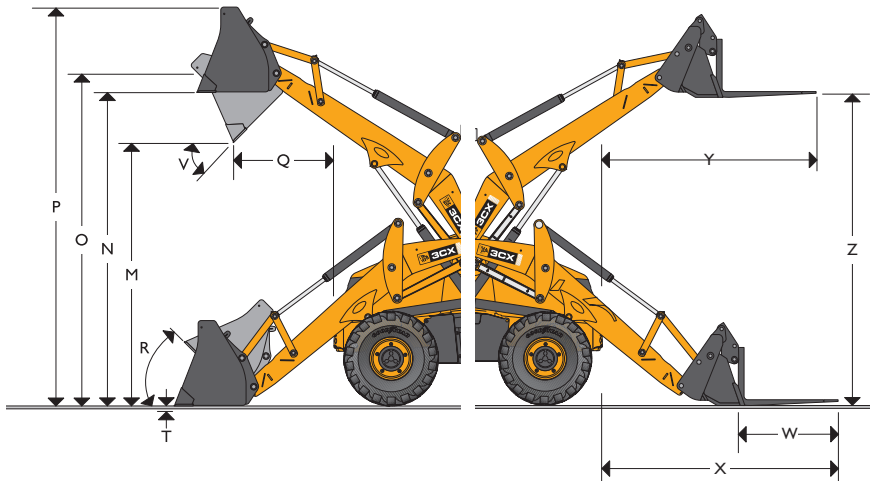
The JCB Smooth Ride System (SRS) consists of a dry nitrogen and oil filled cylinder installed in line with the loader lift cylinders. When activated, the Smooth Ride System allows the loader arms to float slightly. This action counteracts variations in road or site surfaces and provides the operator 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.

JCB BACKHOE LOADER | 3CX



JCB BACKHOE LOADER | 3CX

LOADER DIMENSIONS



LOADER DIMENSIONS

3CX	14FT	15FT	17FT
	ft-in (meter)	ft-in (meter)	ft-in (meter)
Overall width with bucket	7-8 (2.35)	7-8 (2.35)	8-0 (2.44)
M Dump height	9-0 (2.74)	9-0 (2.74)	8-10 (2.69)
N Load over height	10-8 (3.25)	10-8 (3.25)	10-7 (3.23)
O Loader hinge pin height	11-4 (3.45)	11-4 (3.45)	11-3 (3.46)
P Maximum operating height	13-7 (4.14)	13-7 (4.14)	13-5 (4.09)
Q Dump reach at full height	2-8 (0.81)	2-8 (0.81)	2-8 (0.81)
R Rollback @ ground – degrees	46°	46°	45°
T Digging depth	0-2 (0.05)	0-2 (0.05)	0-2 (0.05)
V Dump angle – degrees	45°	45°	45°
6-in-1 Bucket fork dimensions			
W Forks – tine length	3-6 (1.07)	3-6 (1.07)	3-6 (1.07)
Forks – tine width	0-3.3 (0.08)	0-3.3 (0.08)	0-3.3 (0.08)
X Forks reach at ground level	8-8 (2.69)	8-8 (2.69)	8-8 (2.69)
Y Forks reach at full height	7-0 (2.13)	7-0 (2.13)	7-0 (2.13)
Z Forks lift height – max.	9-6 (2.90)	9-6 (2.90)	9-6 (2.90)
Fork spacing – min/max.	10" (260mm) to 68" (1725mm)		

LOADER PERFORMANCE – GP Bucket

JCB loaders provide parallel lift self leveling 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 maximize productivity. Optional heavy lift loader cylinders increase overall lift capacity.

3CX	14FT	15FT	17FT
	lb (kg)	lb (kg)	lb (kg)
Bucket breakout force	13603 (6170)	14498 (6590)	14498 (6590)
Lift capacity to full height (optional configuration)	9231 (4188)	N/A	N/A
Lift capacity to full height (standard configuration)	7670 (3479)	10225 (4638)	10225 (4638)

LOADER PERFORMANCE – 6-in-1 Bucket

JCB loaders provide parallel lift self leveling 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 maximize productivity. Optional heavy lift loader cylinders increase overall lift capacity.

3CX	14FT	15FT	17FT
	lb (kg)	lb (kg)	lb (kg)
Bucket breakout force	14398 (6531)	14528 (6590)	14528 (6590)
Lift capacity to full height (optional configuration)	8647 (3923)	N/A	N/A
Lift capacity to full height (standard configuration)	7119 (3229)	9652 (4378)	9652 (4378)
6-in-1 bucket clamp force	6486 (2943)	6486 (2943)	6486 (2943)
Fork lift capacity – 24" center	4000 (1815)	4000 (1815)	4000 (1815)

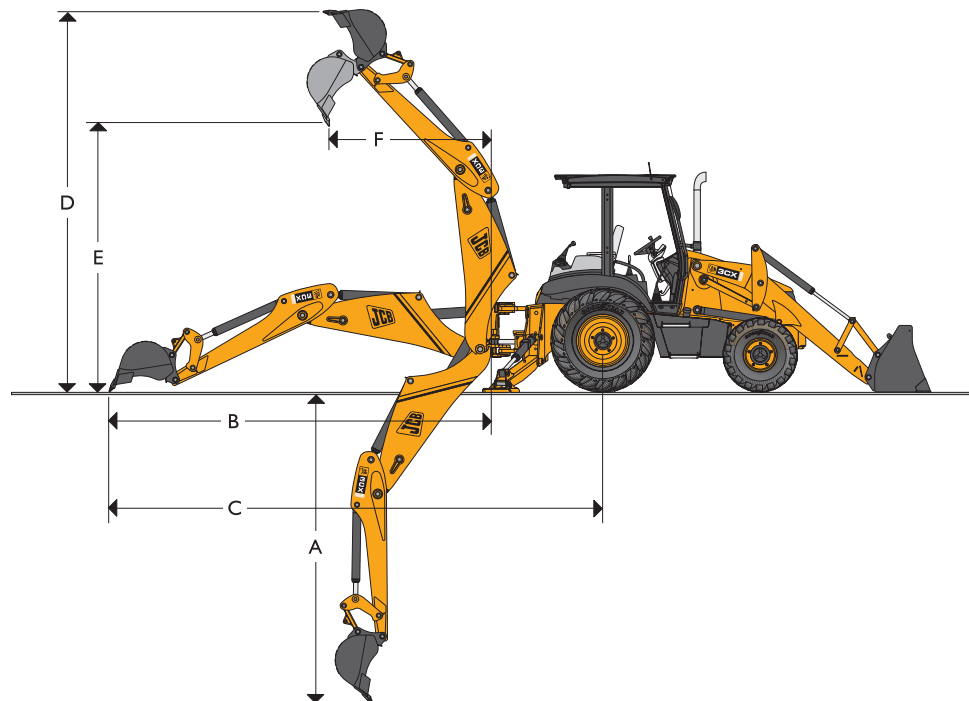


JCB BACKHOE LOADER | 3CX



BACKHOE DIGGING FORCES

		14FT	15FT	17FT
Bucket breakout force	lbf (kgf)	13,730 (6,228)	16,387 (7,433)	16,387 (7,433)
Dipper breakout force retracted	lbf (kgf)	8,605 (3,903)	10,245 (4,647)	10,690 (4,849)
Dipper breakout force extended	lbf (kgf)	6,027 (2,733)	7,366 (3,341)	7,632 (3,461)



BACKHOE DIMENSIONS

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

3CX		14FT			15FT		17FT	
		standard backhoe	Extradig – retracted	Extradig – extended	Extradig – retracted	Extradig – extended	Extradig – retracted	Extradig – extended
A	SAE dig depth – max. ft-in (meter)	14-7 (4.45)	14-7 (4.45)	18-6 (5.63)	16-3 (4.95)	20-1 (6.12)	17-7 (5.36)	21-6 (6.55)
A	SAE dig depth – 2' flat bottom ft-in (meter)	14-5 (4.39)	14-5 (4.39)	18-4 (5.59)	16-1 (4.90)	20-0 (6.10)	17-5 (5.31)	21-5 (6.53)
B	Reach from swing pivot ft-in (meter)	17-10 (5.44)	17-10 (5.44)	21-6 (6.55)	19-5 (5.92)	23-0 (7.01)	20-11 (6.38)	24-8 (7.52)
C	Reach from rear axle center ft-in (meter)	21-9 (6.63)	21-9 (6.63)	25-6 (7.77)	23-4 (7.11)	26-11 (8.20)	24-10 (7.57)	28-7 (8.71)
D	Maximum operating height ft-in (meter)	17-8 (5.38)	17-8 (5.38)	20-6 (6.25)	18-8 (5.69)	21-0 (6.40)	20-6 (6.25)	23-1 (7.04)
E	Loading height ft-in (meter)	11-2 (3.40)	11-2 (3.40)	14-0 (4.27)	13-0 (3.96)	15-3 (4.65)	14-4 (4.39)	16-4 (4.99)
F	Loading reach ft-in (meter)	5-3 (1.68)	5-5 (1.73)	9-1 (2.77)	6-6 (1.98)	10-2 (3.10)	7-2 (2.18)	10-10 (3.30)
	Swing arc – degrees	180°	180°	180°	180°	180°	180°	180°
	Stabilizers – transport ft-in (meter)	7-6 (2.29)	7-6 (2.29)	7-6 (2.29)	7-4.75 (2.25)	7-4.75 (2.25)	7-4.75 (2.25)	7-4.75 (2.25)
	Stabilizers – operating ft-in (meter)	10-10 (3.30)	10-10 (3.30)	10-10 (3.30)	10-10 (3.30)	10-10 (3.30)	10-10 (3.30)	10-10 (3.30)
	Leveling angle – degrees	15°	15°	15°	15°	15°	15°	15°
	Bucket rotation – degrees	185° max. power/201° max. rotation			185° max. power/201° max. rotation		185° max. power/201° max. rotation	

JCB BACKHOE LOADER | 3CX



JCB BACKHOE LOADER | 3CX

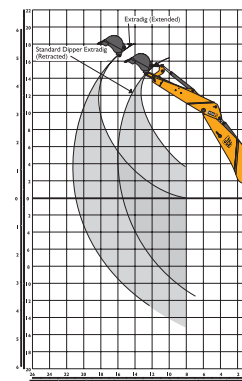
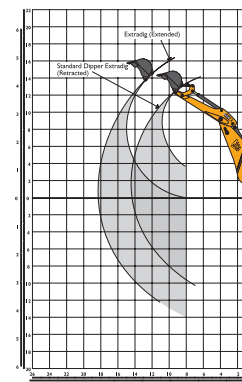
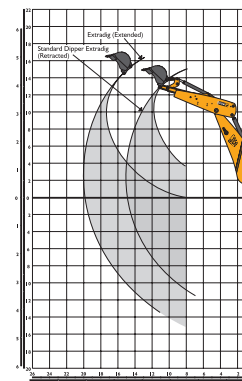


JCB BACKHOE LOADER | 3CX

BACKHOE LIFT CAPACITIES

3CX		14FT			15FT			17FT	
		Standard	ExDig(retracted)	ExDig(extended)	Standard	ExDig(retracted)	ExDig(extended)	ExDig(retracted)	ExDig(extended)
Boom lift capacity – SAE J31									
+ 18	lbs	–	–	–	–	–	–	–	2890
+ 16	lbs	–	–	2423	–	–	2318	4379	3074
+ 14	lbs	4233	4034	2646	–	4646	2623	4464	3132
+ 12	lbs	4352	4134	2714	5123	4831	2762	4383	3131
+ 10	lbs	4250	4023	2718	5116	4807	2819	4254	3102
+ 8	lbs	4099	3867	2691	4941	4694	2832	4027	3056
+ 6	lbs	3939	3703	2649	4633	4378	2821	3793	2973
+ 4	lbs	3784	3545	2601	4451	4188	2841	3650	2887
+ 2	lbs	3640	3364	2557	4368	4096	2753	3580	2841
Ground Level	lbs	3509	3262	2503	4373	4093	2668	3566	2832
– 2	lbs	3390	3140	2460	4471	4105	2585	3450	2782
– 4	lbs	3287	3032	2424	4395	4010	2504	3344	2735
– 6	lbs	3205	2944	2400	4336	3937	2422	3250	2695
– 8	lbs	3161	2891	2394	4315	3897	2334	3170	2665
– 10	lbs	3246	2950	2421	4374	3928	2227	3113	2647
– 12	lbs	–	–	2528	4730	4216	2053	3103	2653
– 14	lbs	–	–	3001	–	–	1547	3315	2700
– 16	lbs	–	–	–	–	–	1546	–	2856
– 18	lbs	–	–	–	–	–	–	–	3691
Dipper lift capacity – SAE J31									
+ 18	lbs	–	–	–	–	–	–	–	4312
+ 16	lbs	–	–	3331	–	–	4067	5383	4456
+ 14	lbs	6357	6220	3682	7235	5165	4212	6147	4483
+ 12	lbs	6991	6847	3842	7329	5280	4261	6937	4468
+ 10	lbs	7090	6968	3931	7283	5170	4278	7488	4446
+ 8	lbs	7193	7059	4002	7294	5406	4300	8084	4440
+ 6	lbs	7528	7390	4098	7566	6197	4359	9167	4475
+ 4	lbs	–	–	4279	–	–	4505	14667	4594
+ 2	lbs	–	–	4716	–	–	4883	–	4931
Ground Level	lbs	–	–	–	–	–	–	–	–

Lift capacity figures comply with SAE J31. All figures are stated in pounds. The large arc indicates boom lift. The small arc indicates dipper lift with the boom at 63 degrees. Units are equipped with standard equipment as listed in this data sheet and a 24" backhoe bucket.





JCB BACKHOE LOADER | 3CX



JCB BACKHOE LOADER | 3CX

BACKHOE BUCKETS

JCB Backhoe Loader buckets are designed specifically for use on JCB machines. Dual position tipping link provides positions to maximize tearout force or to maximize rotation for straight wall digging and improved load retention. All JCB buckets include heavy-duty features consisting of a 1"x18" cutting edge, back straps, box section cross member, and full length, chamfered side cutters.

Bucket width – in.	12	18	24	24	30	36
Bucket width – mm	305	455	610	610	760	910
Number of teeth	3	4	4	5	5	6
Heavy duty trenching buckets						
Capacity – cu.ft.	2.8	4.9	7.1	7.1	9.2	11.3
Capacity – cu.m	0.08	0.14	0.20	0.20	0.26	0.32
Weight – lbs	293	359	408	419	478	544
Weight – kg	100	128	145	190	166	189
	12	18	24	24	30	36
Heavy duty high capacity trenching buckets						
Capacity – cu.ft.		5.3	8.5	8.5	11.3	14.1
Capacity – cu.m		0.15	0.24	0.24	0.32	0.40
Weight – lbs		430	509	514	588	668
Weight – kg		195	231	233	267	303

See your JCB Dealer for availability of other backhoe buckets and attachments.

JCB HYDRAULIC BREAKERS

JCB hydraulic breakers are designed for use on JCB Backhoe Loaders. They feature constant blow energy, pressure damping, heavy-duty side plates and high impact frequency for maximum production. Coupled with factory installed hydraulic breaker circuit, the JCB breakers and backhoe loader make a perfect demolition combination. Model 360Q is equipped with sound insulation for quiet operation.

Breaker model	360	360Q	550
Energy class – ft./lb	750	750	1100
Impact frequency – bpm	600-1800	600-1800	450-1000
Oil flow range – gpm (lpm)	13-40 (50-150)	13-40 (50-150)	16-36 (62-132)
Operating weight – lb (kg)	891 (405)	921 (418)	1183 (583)
Operating pressure – psi (bar)	1450-2100 (100-145)	1450-2100 (100-145)	1305-1815 (190-125)
Tool diameter – in. (mm)	2.75 (70)	2.75 (70)	3.31 (82)

A wide variety of tools are available for JCB breakers. See your JCB Dealer.

SERVICE CAPACITIES

3CX	2WD	4WD
	gal (liter)	gal (liter)
Cooling system	6.1 (23)	6.1 (23)
Fuel tank	42.5 (160)	42.5 (160)
Engine with filter	3.9 (15)	3.9 (15)
Transmission w/filter	4.2 (16)	4.2 (16)
Rear axle	4.2 (16)	4.2 (16)
Front drive axle	N/A	4.2 (16)
Drive axle hubs – each	0.4 (2)	0.4 (2)
Hydraulic tank	22 (83)	22 (83)
Hydraulic system incl. tank	33.4 (127)	33.4 (127)

JCB PRECISION CONTROLS (OPTIONAL)

JCB Precision Controls offers smooth, low effort and precise backhoe operation while reducing operator fatigue. Excavator control joysticks are integrated into the seat armrests which provides increased legroom, improved job visibility and hydraulic excavator ergonomics. A proportional switch is mounted in the joystick to operate JCB's Extradig. An optional joystick mounted switch is also available to operate auxiliary attachments. The low effort mechanical loader control incorporates an optional proportional roller to operate loader mounted attachments.

Best in class hydraulic modulation combined with the greatest digging performance, means that the JCB Precision Controls are unmatched in any backhoe loader.



JCB BACKHOE LOADER | 3CX



JCB BACKHOE LOADER | 3CX

A GLOBAL COMMITMENT TO QUALITY

JCB's total commitment to its products and customers has helped it grow from a one-man business into one of the world's largest manufacturers 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 and tractors.

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 an extensive dealer sales and service network in over 150 countries, 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.



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Helping You Get
the Job Done!