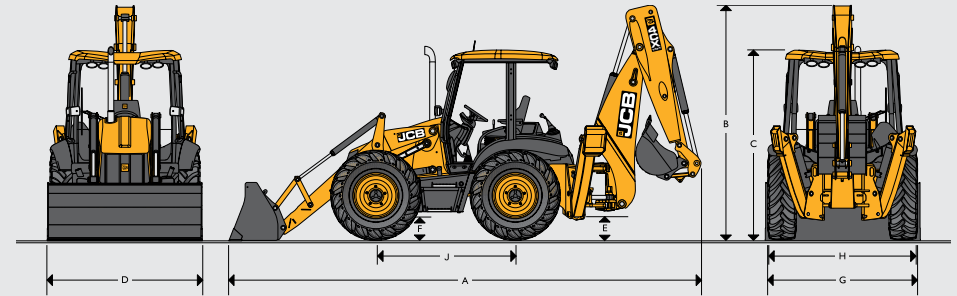
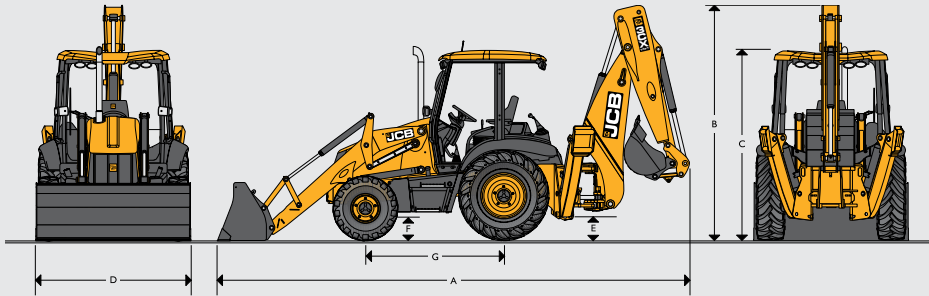
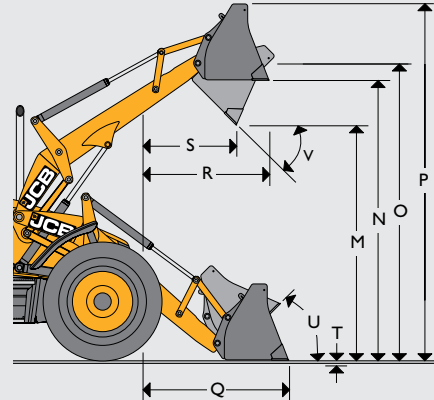
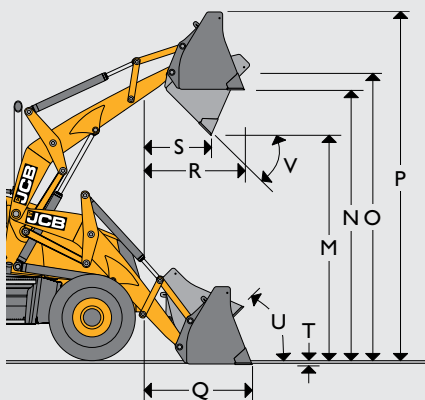


STATIC DIMENSIONS



Machine model			3CX-14	3CX-14 SUPER	3CX-15 SUPER	4CX-14 SUPER	4CX-15 SUPER
Drive			4WD	4WD	4WD	4WD	4WD
A	Transport length	ft-in (m)	23-7 (7.19)	23-7 (7.19)	24-7 (7.49)	24-2 (7.37)	25-2 (7.67)
B	Transport height - fixed dipper	ft-in (m)	11-3 (3.43)	11-3 (3.43)	12-9 (3.89)	11-3 (3.43)	12-9 (3.89)
B	Transport height - extending dipper	ft-in (m)	11-7 (3.53)	11-7 (3.53)	12-10 (3.91)	11-7 (3.53)	12-10 (3.91)
C	Height to top of cab/canopy	ft-in (m)	9-3 (2.81)	9-5 (2.87)	9-5 (2.87)	9-5 (2.87)	9-5 (2.87)
D	Overall width with bucket	ft-in (m)	7-9 (2.35)	7-9 (2.35)	7-9 (2.35)	7-9 (2.35)	7-9 (2.35)
E	Ground clearance - mainframe	ft-in (m)	1-1 (0.33)	1-1 (0.33)	1-1 (0.33)	1-1 (0.34)	1-1 (0.34)
F	Ground clearance - front axle	ft-in (m)	0-11 (0.28)	0-11 (0.28)	0-11 (0.28)	1-6 (0.45)	1-6 (0.45)
G	Wheelbase	ft-in (m)	7-1 (2.17)	7-1 (2.17)	7-1 (2.17)	7-3 (2.22)	7-3 (2.22)

LOADER DIMENSIONS



Machine model			3CX-14 3CX-14 SUPER 3CX-15 SUPER	4CX-14 SUPER 4CX-15 SUPER
M	Dump height	ft-in (m)	9-0 (2.74)	8-10 (2.69)
N	Load over height	ft-in (m)	10-7 (3.23)	10-6 (3.21)
O	Loader hinge pin height	ft-in (m)	11-4 (3.45)	11-4 (3.46)
P	Max. operating height	ft-in (m)	13-7 (4.14)	13-4 (4.06)
Q	Reach at ground level	ft-in (m)	4-8 (1.42)	4-8 (1.42)
R	Max. reach at full height	ft-in (m)	3-11 (1.20)	4-0 (1.21)
S	Dump reach at full height	ft-in (m)	2-9 (0.83)	2-8 (0.82)
U	Roll back at ground	degrees	45	45
T	Dig depth	ft-in (m)	0-3 (0.07)	0-6 (0.14)
V	Dump angle	degrees	45	45

LOADER PERFORMANCE

Machine model		3CX-14		3CX-14 SUPER		3CX-15 SUPER		4CX-14 SUPER		4CX-15 SUPER	
Bucket type		GP bucket	6-in-1 bucket	GP bucket	6-in-1 bucket	GP bucket	6-in-1 bucket	GP bucket	6-in-1 bucket	GP bucket	6-in-1 bucket
Bucket breakout force	lbf (kgf)	13,603 (6,170)	14,398 (6,531)	13,603 (6,170)	14,398 (6,531)	13,603 (6,170)	14,398 (6,531)	13,728 (6,227)	14,528 (6,590)	13,728 (6,227)	14,528 (6,590)
Lift capacity @ full height	lb (kg)	7,670 (3,479)	7,119 (3,229)	9,233 (4,188)	8,649 (3,923)	10,225 (4,638)	9,652 (4,378)	10,225 (4,638)	9,652 (4,378)	10,225 (4,638)	9,652 (4,378)
Bucket clamp force	lbf (kgf)	-	6,488 (2,943)	-	6,488 (2,943)	-	6,488 (2,943)	-	6,488 (2,943)	-	6,488 (2,943)

LOADER ATTACHMENTS – QUICK COUPLER INTEGRATED FORK DIMENSIONS

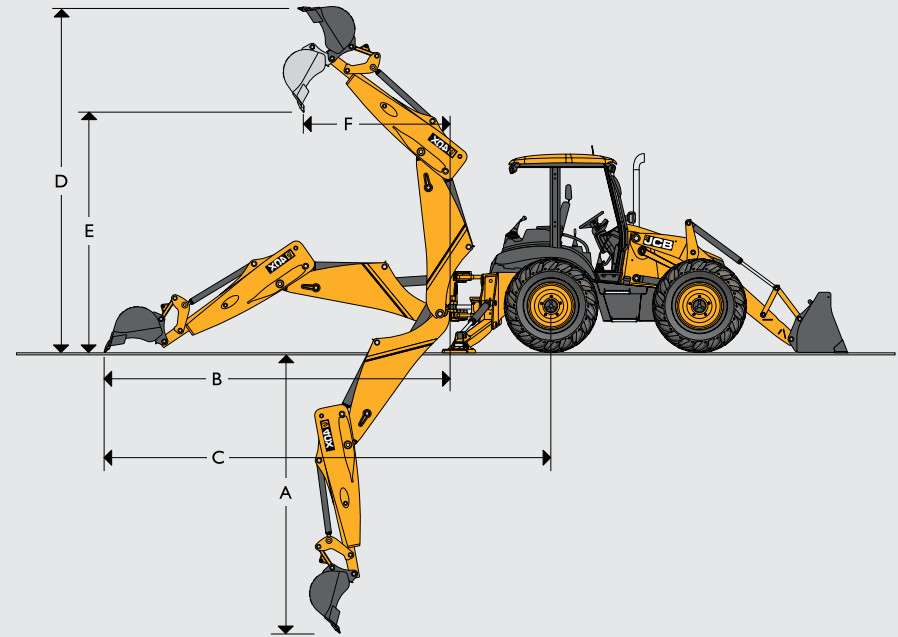
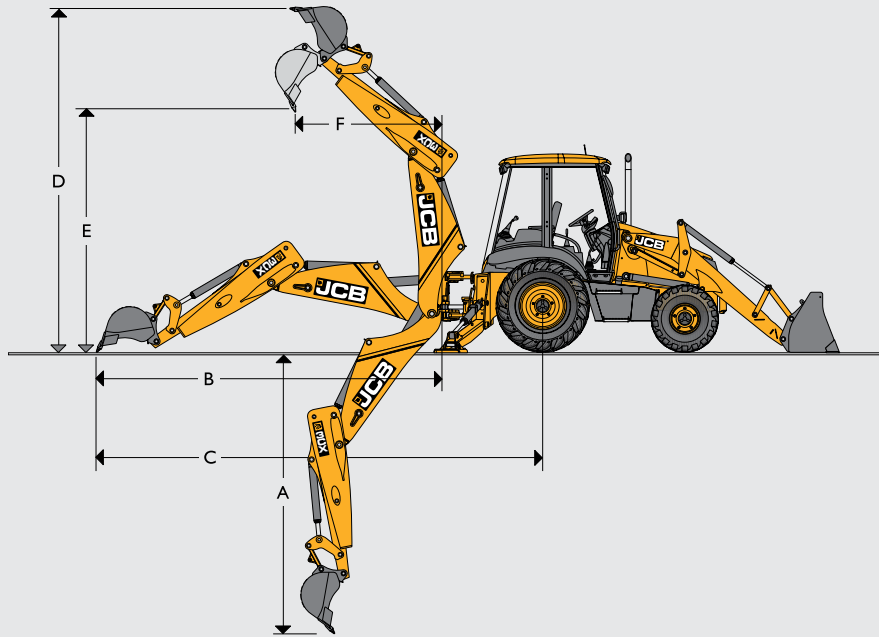
Machine model		3CX-14 3CX-14 SUPER 3CX-15 SUPER 4CX-14 SUPER 4CX-15 SUPER	
		6-in-1 mounted	
W	Forks – tine length	ft-in (m)	3-7 (1.10)
	Forks – tine width	ft-in (m)	0-3 (0.08)
X	Forks reach at ground level	ft-in (m)	8-10 (2.68)
Y	Forks reach at full height	ft-in (m)	7-7 (2.30)
Z	Forks lift height – max.	ft-in (m)	9-6 (2.90)
Fork spacing - min.		ft-in (m)	0-8 (0.20)
Fork spacing - max.		ft-in (m)	7-1 (2.17)

OPERATING WEIGHTS

Machine model		3CX-14	3CX-14 SUPER	3CX-15 SUPER	4CX-14 SUPER	4CX-15 SUPER
Drive		4WD	4WD	4WD	4WD	4WD
Base unit	lb (kg)	16,191 (7,344)	17,101 (7,757)	18,459 (8,373)	17,659 (8,010)	19,017 (8,626)
Additional weight for Cab	lb (kg)	631 (286)	631 (286)	631 (286)	631 (286)	631 (286)
Additional weight for Extradig	lb (kg)	882 (400)	882 (400)	-	882 (400)	-
Additional weight for Thumb	lb (kg)	1,204 (546)	1,204 (546)	1,204 (546)	1,204 (546)	1,204 (546)

Operating weight to ISO6016 includes machine with canopy, fixed dipper, 6-in-1 shovel, 24" bucket, 750 lb/562 lb counterweight, full fuel tank and operator.

BACKHOE DIMENSIONS - CENTERMOUNT



Machine model		3CX-14 3CX-14 SUPER 4CX-14 SUPER			3CX-15 SUPER 4CX-15 SUPER	
		Fixed Dipper	Extradig Retracted	Extradig Extended	Extradig Retracted	Extradig Extended
A	SAE max. dig depth	ft-in (m)	14-7 (4.45)	14-7 (4.45)	18-6 (5.63)	16-3 (4.95)
	SAE 2' flat bottom	ft-in (m)	14-5 (4.39)	14-5 (4.39)	18-4 (5.59)	16-1 (4.90)
B	Reach from swing pivot	ft-in (m)	17-10 (5.44)	17-10 (5.44)	21-6 (6.55)	19-5 (5.92)
C	Reach from rear axle centerline	ft-in (m)	21-9 (6.63)	21-9 (6.63)	25-6 (7.77)	23-4 (7.11)
D	Max. operating height	ft-in (m)	17-8 (5.38)	17-8 (5.38)	20-6 (6.25)	18-8 (5.69)
E	Loading height	ft-in (m)	11-2 (3.40)	11-2 (3.40)	14-0 (4.27)	13-0 (3.96)
F	Loading reach	ft-in (m)	5-6 (1.68)	5-8 (1.73)	9-1 (2.77)	6-6 (1.98)
	Swing arc	degrees	180	180	180	180
	Stabilizers - transport	ft-in (m)	7-6 (2.29)	7-6 (2.29)	7-6 (2.29)	7-5 (2.25)
	Stabilizers - operating	ft-in (m)	10-10 (3.30)	10-10 (3.30)	10-10 (3.30)	10-10 (3.30)
	Levelling angle	degrees	15	15	15	15
	Bucket rotation - max. power position	degrees	185	185	185	185
	Bucket rotation - max. rotation position	degrees	201	201	201	201

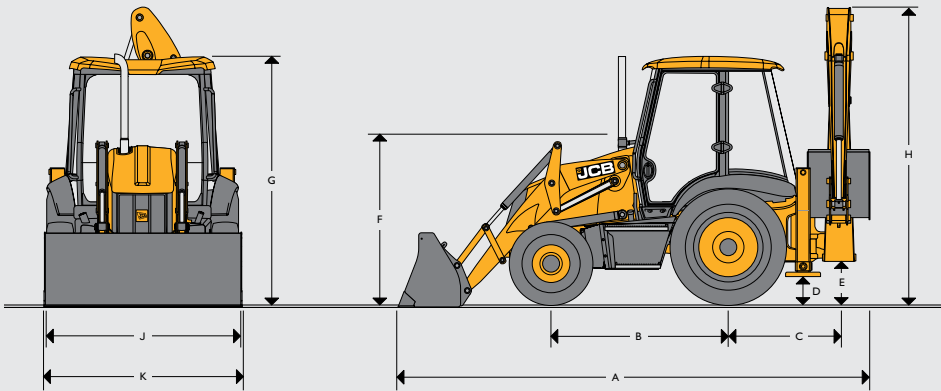
BACKHOE PERFORMANCE

Machine model		3CX-14	3CX-14 SUPER 4CX-14 SUPER	3CX-15 SUPER 4CX-15 SUPER
Breakout force	lbf (kgf)	13,730 (6,228)	13,730 (6,228)	13,730 (6,228)
Dipper tearout	lbf (kgf)	7,110 (3,225)	8,605 (3,903)	8,605 (3,903)
Lift capacity of bucket pivot @ full reach with dipper retracted	lb (kg)	3,199 (1,451)	4,156 (1,885)	4,156 (1,885)

BACKHOE LIFT CAPACITIES

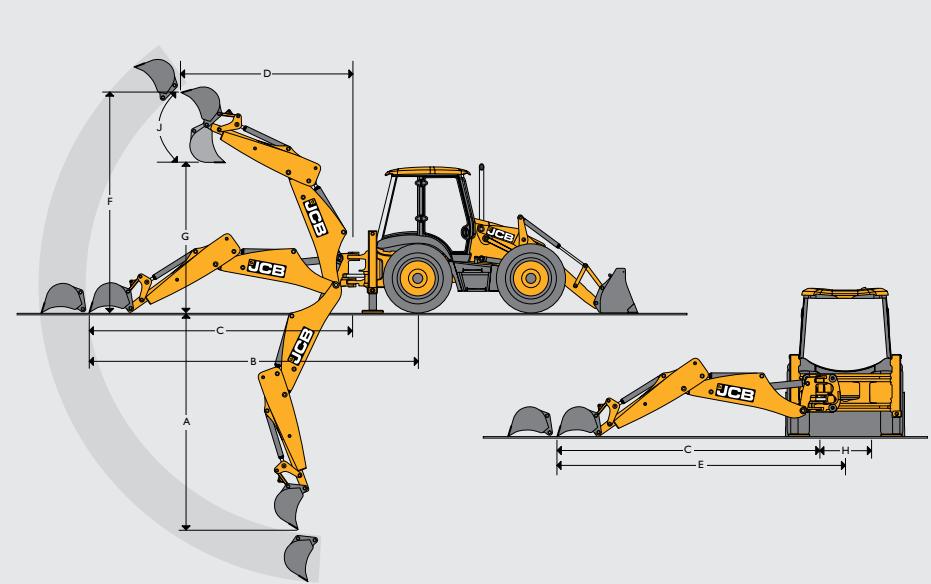
Machine model		3CX-14 SUPER 4CX-14 SUPER			3CX-15 SUPER 4CX-15 SUPER	
Excavator type		Standard	Extradig - Retracted Extradig	Extradig - Extended	Extradig - Retracted Extradig	Extradig - Extended
Boom lift capacity - SAE J31						
+18	lb	-	-	-	-	-
+16	lb	-	-	2,423	-	2,318
+14	lb	4,233	4,034	2,646	4,646	2,623
+12	lb	4,352	4,134	2,714	4,831	2,762
+10	lb	4,250	4,023	2,718	4,807	2,819
+8	lb	4,099	3,867	2,691	4,694	2,832
+6	lb	3,939	3,703	2,649	4,378	2,821
+4	lb	3,784	3,545	2,601	4,188	2,841
+2	lb	3,640	3,364	2,557	4,096	2,753
Ground level	lb	3,509	3,262	2,503	4,093	2,668
-2	lb	3,390	3,140	2,460	4,105	2,585
-4	lb	3,287	3,032	2,424	4,010	2,504
-6	lb	3,205	2,944	2,400	3,937	2,422
-8	lb	3,161	2,891	2,394	3,897	2,334
-10	lb	3,246	2,950	2,421	3,928	2,227
-12	lb	-	-	2,528	4,216	2,053
-14	lb	-	-	3,001	-	1,547
-16	lb	-	-	-	-	1,546
-18	lb	-	-	-	-	-
Dipper lift capacity - SAE J31			1,940 (880)	1,984 (880)	1,940 (880)	1,984 (880)
+18	lb	-	-	-	-	-
+16	lb	-	-	3,331	-	4,067
+14	lb	6,357	6,220	3,682	5,165	4,212
+12	lb	6,991	6,847	3,842	5,280	4,261
+10	lb	7,090	6,968	3,931	5,170	4,278
+8	lb	7,193	7,059	4,002	5,406	4,300
+6	lb	7,528	7,390	4,098	6,197	4,359
+4	lb	-	-	4,279	-	4,505
+2	lb	-	-	4,716	-	4,883
Ground level	lb	-	-	-	-	-

STATIC DIMENSIONS – SIDESHIFT



Model			3CX-14 3CX-14 SUPER	4CX-14 SUPER	4CX-15 SUPER
Drive			4WD	4WD	4WD
A	Transport length	ft-in (m)	18-5 (5.62)	19-5 (5.91)	19-5 (5.91)
B	Wheelbase	ft-in (m)	7-1 (2.17)	7-3 (2.22)	7-3 (2.22)
C	Slew center to rear axle centerline	ft-in (m)	4-6 (1.36)	4-6 (1.36)	4-6 (1.36)
D	Stabilizer feet clearance	ft-in (m)	1-3 (0.37)	1-1 (0.34)	1-1 (0.34)
E	Kingpost clearance	ft-in (m)	1-8 (0.52)	1-8 (0.50)	1-8 (0.50)
F	Steering wheel center height	ft-in (m)	6-4 (1.94)	6-2 (1.88)	6-2 (1.88)
G	Height to top of cab/canopy	ft-in (m)	9-11 (3.03)	9-11 (3.03)	9-11 (3.03)
H	Transport height - extending dipper	ft-in (m)	11-10 (3.61)	11-11 (3.62)	13-0 (3.97)
J	Rear frame width	ft-in (m)	7-9 (2.35)	7-9 (2.36)	7-9 (2.36)
K	Overall width with bucket	ft-in (m)	7-9 (2.35)	7-9 (2.35)	7-9 (2.35)

BACKHOE DIMENSIONS – SIDESHIFT



BACKHOE DIMENSIONS – SIDESHIFT

Model			3CX-14		4CX-14 SUPER		4CX-15 SUPER	
Excavator type			Extradig Retracted	Extradig Extended	Extradig Retracted	Extradig Extended	Extradig Retracted	Extradig Extended
A	SAE max. dig depth	ft-in (m)	13-11 (4.24)	17-11 (5.46)	14-2 (4.32)	18-2 (5.53)	16-4 (4.98)	20-2 (6.14)
	SAE 2' flat bottom	ft-in (m)	13-10 (4.21)	17-10 (5.43)	14-1 (4.29)	18-1 (5.50)	16-2 (4.93)	20-1 (6.11)
	Max. dig depth with deep profile bucket	ft-in (m)	15-7 (4.75)	19-7 (5.97)	15-4 (4.67)	19-3 (5.88)	17-7 (5.35)	21-4 (6.51)
B	Reach from rear axle centerline	ft-in (m)	22-1 (6.72)	25-10 (7.87)	22-1 (6.74)	25-10 (7.88)	24-1 (7.35)	27-8 (8.44)
C	Reach from swing pivot	ft-in (m)	17-7 (5.37)	21-5 (6.52)	17-9 (5.40)	21-5 (6.54)	19-9 (6.01)	23-4 (7.10)
D	Reach @ full height to swing pivot	ft-in (m)	9-0 (2.74)	12-0 (3.66)	9-3 (2.82)	12-4 (3.75)	11-3 (3.43)	14-8 (4.47)
E	Side reach to center line of machine	ft-in (m)	19-6 (5.94)	23-3 (7.09)	19-9 (6.02)	23-6 (7.16)	21-11 (6.69)	25-4 (7.71)
F	Max. operating height	ft-in (m)	18-2 (5.53)	20-10 (6.35)	17-11 (5.45)	20-6 (6.26)	19-4 (5.89)	21-5 (6.52)
G	Loading height	ft-in (m)	12-7 (3.84)	15-6 (4.72)	12-7 (3.84)	15-6 (4.73)	13-4 (4.06)	16-6 (5.03)
	SAE loading height	ft-in (m)	11-2 (3.40)	14-2 (4.32)	11-1 (3.39)	14-1 (4.28)	11-9 (3.58)	14-11 (4.55)
H	Total kingpost travel	ft-in (m)	3-10 (1.16)	3-10 (1.16)	3-10 (1.16)	3-10 (1.16)	3-10 (1.16)	3-10 (1.16)
J	Bucket rotation - max. power position	degrees	185	185	185	185	185	185
J	Bucket rotation - max. rotation position	degrees	201	201	201	201	201	201
	Swing arc	degrees	180	180	180	180	180	180

ENGINE

Machine model	3CX-14		3CX-14 SUPER	3CX-14 SUPER 3CX-15 SUPER 4CX-14 SUPER 4CX-15 SUPER
Manufacturer			JCB	
Model			EcoMAX	
Emissions			Tier 4 Final/Stage IV	
DPF			No	
DEF	No		Yes	Yes
DOC			No	
Displacement	liters			4.4
Aspiration			Turbocharged & Intercooler	
Cylinders			4	
Gross hp - SAE J1195 (ISO 14396)	hp (kW)	74 (55)	91 (68)	109 (81)
Net hp - SAE J11349	hp (kW)	71 (53)	86 (64)	101 (75)
Max torque @ rpm	lb-ft (N.m)	295 (400) @ 1,200	319 (433) @ 1,500	381 (516) @ 1,500
Valves per cylinder			4	
Air cleaner			Integrated pre-cleaner, scavenged	

HYDRAULIC SYSTEM

Model	3CX-14	3CX-14 SUPER, 3CX-15 SUPER, 4CX-14 SUPER, 4CX-15 SUPER		
Control type	Advanced EasyControl	Manual	EasyControl	Advanced EasyControl
Pump type	Variable Flow			
Circuit type	Closed center	Open center		Closed center
Pump output	gpm (lpm)	44 (165)		
Relief pressure	psi (bar)	3,655 (252)		
Filter rating	micron	5/12		

FRONT AXLE

Model	3CX-14 3CX-14 SUPER 3CX-15 SUPER		4CX-14 SUPER 4CX-15 SUPER	
Drive	4WD			
Manufacturer	JCB			
Type	MaxTrac torque proportioning		LSD with outboard planetary drive	
Static load rating	lb (kg)	36,376 (16,500)	55,116 (25,000)	
Dynamic load rating	lb (kg)	18,298 (8,300)	27,558 (12,500)	
SAE J43 rating	lb (kg)	24,251 (11,000)	33,069 (15,000)	
Oscillational angle	degrees	16		

STEERING

Model	3CX-14 3CX-14 SUPER 3CX-15 SUPER		4CX-14 SUPER 4CX-15 SUPER
Type	Power Track Rod		
Steering turns lock to lock	2-3/4		
Curb turning diameter - unbraked	ft-in (mm)	26-7 (8.1)	29-10 (9.1)
Loader clearance diameter - unbraked	ft-in (mm)	34-1 (10.4)	35-1 (10.7)
Curb turning diameter - braked	ft-in (mm)	22-8 (6.9)	26-3 (8.0)
Loader clearance diameter - braked	ft-in (mm)	31-2 (9.5)	31-2 (9.5)
(Depending on tire size, ground conditions, etc)			

REAR AXLE

Model		3CX-14 3CX-14 SUPER 3CX-15 SUPER	4CX-14 SUPER 4CX-15 SUPER
Manufacturer		JCB	
Type		LSD with outboard planetary drive	
Static load rating	lb (kg)	55,116 (25,000)	55,116 (25,000)
Dynamic load rating	lb (kg)	27,558 (12,500)	27,558 (12,500)
SAE J43 rating	lb (kg)	24,251 (11,000)	24,251 (11,000)

ELECTRICAL SYSTEM

Machine model		3CX-14	3CX-14 SUPER, 3CX-15 SUPER, 4CX-14 SUPER, 4CX-15 SUPER
System voltage	volts	12	12
Alternator output	amps	95	150
Battery capacity	amps	110 (900 CCA)	120 (1,000 CCA)

TRANSMISSION

Model		3CX-14		3CX-14 SUPER – 3CX-15 SUPER 4CX-14 SUPER – 4CX-15 SUPER	
Manufacturer		JCB	JCB	JCB	JCB
Type		Manual	Powershift	Powershift	Autoshift
Gear selection		Manual	Powershift	Powershift	Powershift/Autoshift
Shuttle Control - F/R		Power Shuttle	Power Shuttle	Power Shuttle	Power Shuttle
Gear F/R		4F/4R	4F/4R	4F/4R	6F/4R
Torque converter ratio		2.52:1	2.52:1	2.52:1	2.52:1
Torque lock available		No		Yes	
Gear 1	mph (km/h)	3.0 (4.9)	3.2 (5.1)	3.2 (5.1)	3.2 (5.1)
Gear 2	mph (km/h)	5.3 (8.6)	5.2 (8.3)	5.2 (8.3)	5.3 (8.6)
Gear 3	mph (km/h)	12.3 (19.8)	11 (17.7)	11 (17.7)	7.2 (11.6)
Gear 4	mph (km/h)	22.8 (36.7)	22.8 (36.7)	22.8 (36.7)	11.6 (18.7)
Gear 5	mph (km/h)	-	-	-	19.3 (31.1)
Gear 6	mph (km/h)	-	-	-	26 (41.8)

SERVICE CAPACITIES

Model		3CX-14	3CX-14 SUPER 3CX-15 SUPER	4CX-14 SUPER 4CX-15 SUPER
Cooling system	gal (l)		5.0 (19)	
Fuel tank	gal (l)		40 (150)	
Engine oil with filter	gal (l)		4.0 (15)	
Transmission with filter	gal (l)		4.2 (16)	
Front axle	gal (l)		4.2 (16)	
Rear axle	gal (l)		4.2 (16)	
Drive hubs	gal (l)		0.5 (2)	
Hydraulic system including tank	gal (l)	30.9 (117)		34.9 (132)

STANDARD FEATURES

Machine model	3CX-14	3CX-14 SUPER 3CX-15 SUPER	4CX-14 SUPER 4CX-15 SUPER
Loader	Parallel lift loader arms, loader bucket float, AutoSRS, Return to dig		
Excavator	Standard lift cylinders	Heavy lift cylinders	Heavy lift cylinders
Operator's station	LiveLink, AutoCHECK, AutoIDLE, AutoTHROTTLE, AutoBOOMLOCK (joysticks only), AutoSTABILIZERSUP (joysticks only)		
Drivetrain	74 hp (55 kW) EcoMAX T4F, LSD rear axle, engine block heater	109 hp (81 kW) EcoMAX T4F, LSD rear axle, LSD front axle (4CX SUPER only), engine block heater	
Hydraulic system	Variable flow pump, 44 gpm (165 lpm) flow, 3,655 psi (252 bar)		

OPTIONAL FEATURES

Machine model	3CX-14	3CX-14 SUPER 3CX-15 SUPER	4CX-14 SUPER 4CX-15 SUPER
Loader	Loader pipework, selection of general and multi-purpose buckets, quick-coupler, forks, hose burst check valves		
Excavator	Lifting points, hammer pipework, bi-directional pipework, hydraulic thumb, selection of buckets, quick coupler		
Operator's station	AutoPREHEAT, heated windshield, keypad immobilizer, air suspension seat, coffee machine		
Drivetrain	Selection of front and rear tires		
Hydraulic system	Hand-held tool circuit with hose reel,		