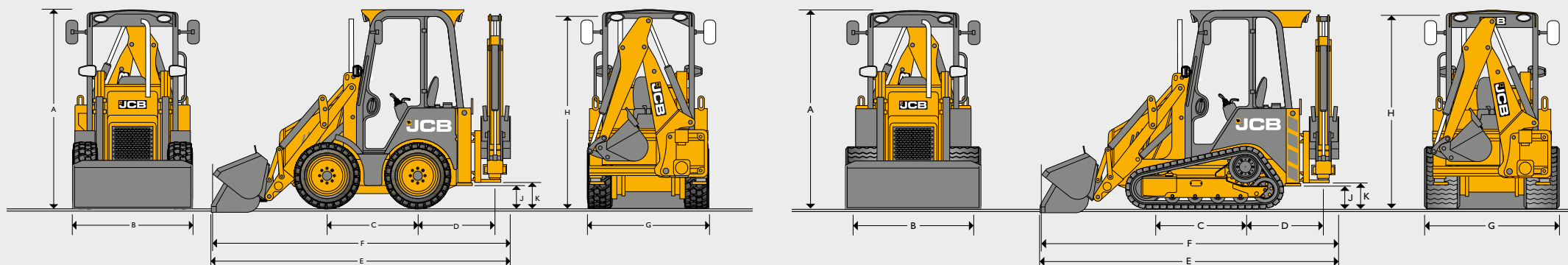
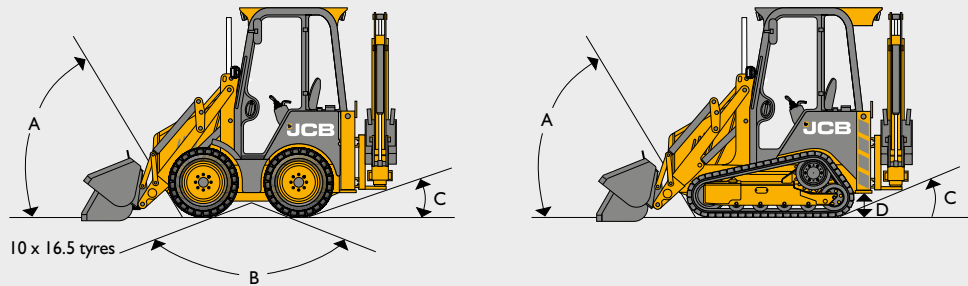


STATIC DIMENSIONS



		ICX Wheeled (7x15 Tyres)	ICX Wheeled (10x16.5 Tyres)	ICX Tracked (320mm)
A	Cab roof height	m	2.26	2.25
A	Cab roof height (low canopy)	m	2.11	2.10
B	Overall width (over shovel)	m	1.43	1.58
C	Axle centreline distance	m	1.07	1.07
D	Slew centre to rear axle centre distance	m	0.87	0.87
E	Total travel length (short/long arm)	m	3.40 / 3.50	3.40 / 3.50
F	Total travel length – shovel in carry position (short/long arm)	m	3.31 / 3.41	3.31 / 3.41
G	Rear frame width (over stab leg feet)	m	1.41	1.56
H	Total travel clearance (fixed dipper)	m	2.18	2.17
	Total travel clearance (extending dipper)	m	2.18	2.17
J	Stabiliser feet clearance	m	0.27	0.26
K	Kingpost clearance	m	0.33	0.32
	Track set footprint	m ²	-	-
				0.85

GROUND LINE ANGLES



			ICX Wheeled	ICX Tracked
A	Approach angle	degrees	52	60
B	Interface angle/ramp to ground plane	degrees	132	-
C	Departure angle	degrees	23	23
D	Ground clearance	mm	180	260

ENGINE

		ICX – All models
Emissions standard		Stage EC Stage IIIA
Manufacturer		Perkins 404D-22
Aspiration		Natural
Displacement	litres	2.2
No. of cylinders		4
Rated engine	rpm	2800
Power ratings		
Rated ISO 14396 (SAE J1995 Gross)	kW (hp)	36.3 (49)
Max. torque @ 1800rpm	Nm	140
Fuel type		Diesel
Fuel filter		Replaceable cartridge plus water/sediment separator prefilter
Air cleaner		Dual element
Oil filter and lubrication		Full flow, spin-on type filter. Engine oil service intervals 500 hours
Cooling system		Water, hot climate specification. Pressurised 1.0 bar, pusher fan. Pressurised tank with integral filler neck and overflow tank.

ELECTRICAL AND INSTRUMENTATION

Gauges	Fuel Level, Hour meter
Warning system	Audible and visual system. Ignition, working lights, park brake, alternator, main beam, engine oil pressure, water temp.
Battery	72A/hour
Pre-wire	Beacon
Horn	Controlled from both front and rear
Alternator	50 amp standard (85A alternator on the aircon option)
Front working lights	2 adjustable
Rear working lights	2 adjustable

TRANSMISSION

	ICX - All models
Manufacturer	Danfoss / Rexroth
Type	Hydrostatic
Travel speeds	ICX 0-11 km/h forward & reverse ICXT 0-7.5 km/h forward & reverse

OPERATING WEIGHTS

		ICX Wheeled		ICX Tracked
		Short Arms	Long Arms	Long Arms
Fixed dipper	kg	3158	3174	4262
Extended dipper	kg	3238	3254	4342

SERVICE CAPACITIES

		ICX – All models
Hydraulic system including tank	ltr	45
Fuel tank	ltr	45
Chain cases	ltr	10
Cooling system	ltr	8
Engine oil with filter	ltr	9.6

HYDRAULIC SYSTEM

		ICX Wheeled	ICX Wheeled HF	ICX Tracked	ICX Tracked HF
Open centre systems (gear pump) @2800 rpm services	l/min	45	45	45	45
Open centre systems (gear pump) @2800 rpm HF	l/min	-	100	-	100
System relief pressure Manual	bar	207	207	207	207
System relief pressure EasyControl	bar	220	220	220	220
Handheld tool circuit	l/min	20	20	20	20
Handheld tool circuit	bar	138	138	138	138

LOADER DIMENSIONS

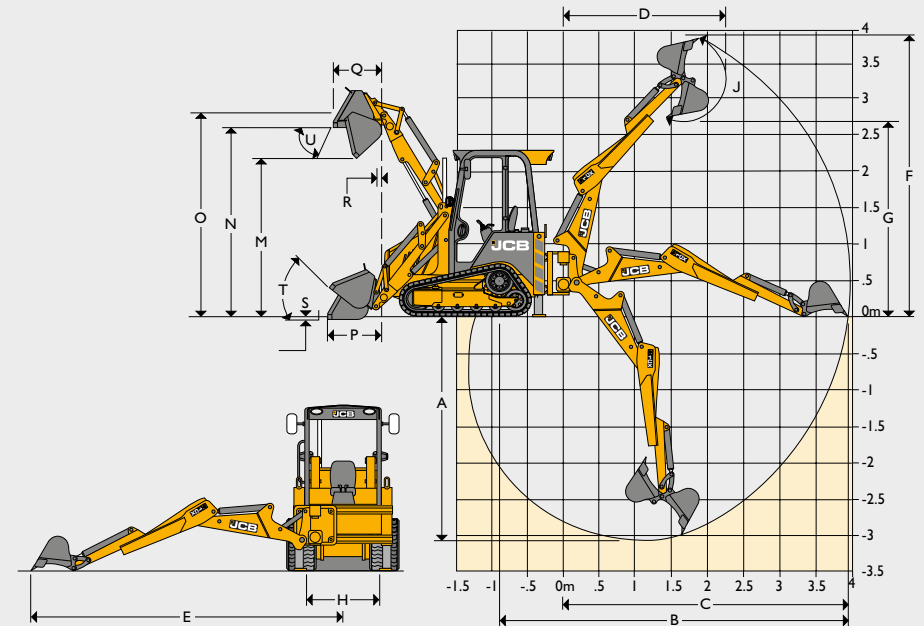
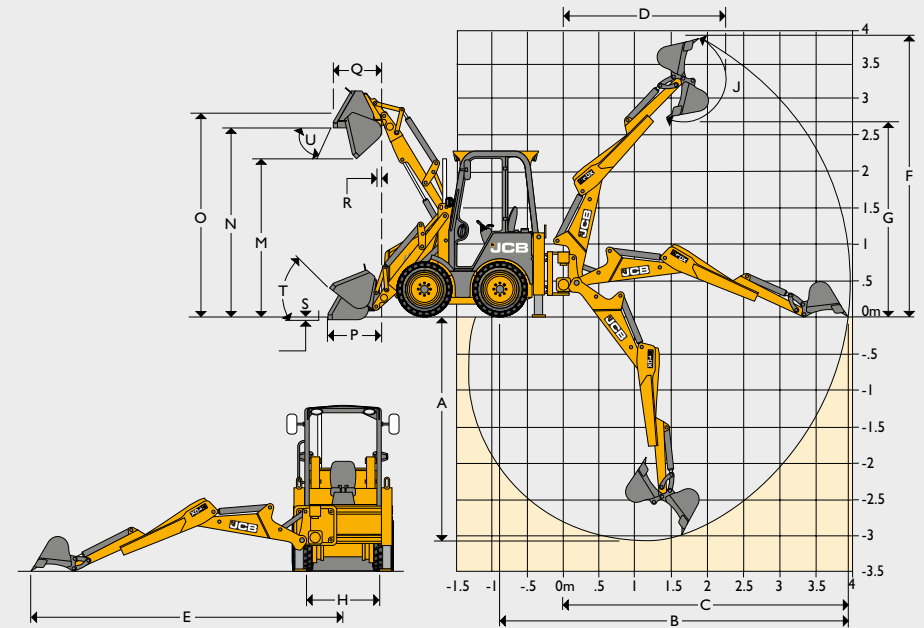
		ICX Wheeled		ICX Tracked
		Short Arms	Long Arms	Long Arms
M	Dump height	m	2.10	2.21
N	Load over height	m	2.51	2.65
O	Loader hinge pin height	m	2.70	2.86
P	Reach at ground (toe plate horizontal)	m	0.84	1.41
Q	Maximum reach at full height	m	0.63	0.74
R	Reach at full height fully dumped	m	0.30	0.40
S	Dig depth ((toe plate horizontal) clearance	m	0.05	0.05
T	Roll back at ground	degrees	35	42
U	SAE Dump angle	degrees	43	43
	SAE Loader breakout – shovel	kgf	2350	2350
	SAE Maximum hydraulic lift capacity	kgf	1050	1000
	Shovel capacity	m ³	0.28	0.36

LOADER PERFORMANCE

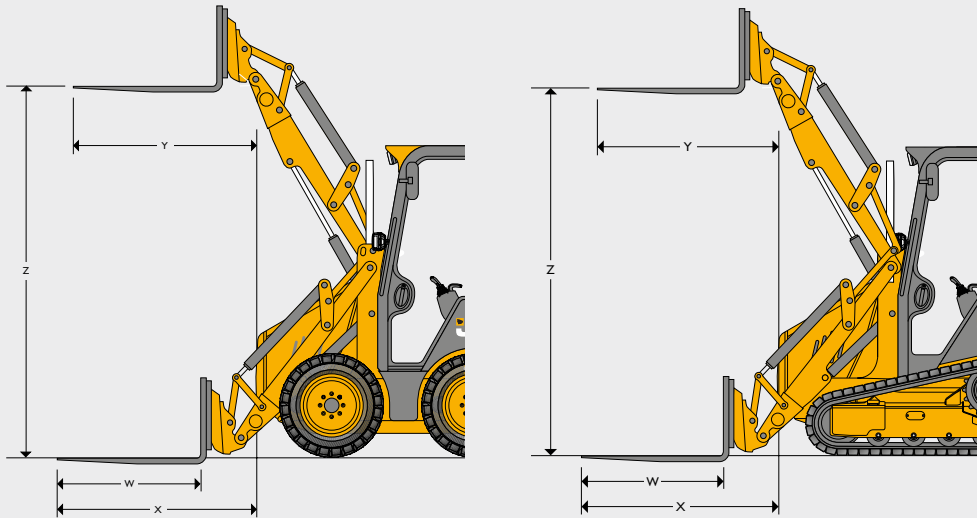
		ICX Wheeled	ICX Tracked
		6-in-1 shovel	6-in-1 shovel
Loader breakout – shovel		2350	2350
Loader breakout – arms		2400	2400
Tipping load	kg	1160 - 1320	1900
Payload rating as a percentage of tipping load	%	50	35
Rated operating capacity	kg	Range from 580 to 660	665
*Rated operating capacity as determined according to ISO 14397: 2007		Depending on specification	Track mc includes extending dipper

BACKHOE DIMENSIONS

			ICX Wheeled		ICX Tracked	
			Fixed Dipper	Extended Dipper	Fixed Dipper	Extended Dipper
A	SAE Maximum dig depth	m	2.55	3.08	2.55	3.08
	SAE Maximum dig depth 2ft flat bottom	m	2.49	3.02	2.49	3.02
B	Reach – ground level to rear wheel centre	m	4.24	4.78		
C	Reach – ground level to slew centre	m	3.38	3.91	3.38	3.91
D	Reach – at full height to slew centre	m	1.79	2.22	1.79	2.22
E	Side reach – to centre line of machine	m	3.83	4.35	3.83	4.35
F	SAE operating height	m	3.44	3.86	3.44	3.86
G	Maximum loadover height	m	2.35	2.67	2.35	2.67
H	Total kingpost travel	m	0.99	0.99	1.19	1.19
J	Bucket rotation	degrees	202	180	202	180
	Bucket tearout	kgf	2201	2201	2201	2201
	Dipper tearout	kgf	1488	1488	1488	1488



LOADER ATTACHMENTS – FORKLIFT PERFORMANCE DATA



		ICX Wheeled		ICX Tracked
		Short arms	Long Arms	Long Arms
W	Quickhitch mounted forks			
	Forks – tine length	m	1.05	1.05
	Forks – tine width	m	0.08	0.08
X	Forks reach at ground level	m	1.50	1.6
Y	Forks reach at full height	m	1.34	1.40
Z	Forks lift height – max.	m	2.72	2.755
	Fork spacing – min.	m	0.2	0.2
	Fork spacing – max.	m	1.03	1.03
	Tipping Load @ 500mm load centres fixed dipper		932	1059
	SWL @ 500mm load centres fixed dipper	kg	466	370
	Tipping Load @ 500mm load centres extending dipper		1026	1135
	SWL @ 500mm load centres extending dipper	kg	513	397
	Payload rating as a percentage of tipping load ISO 14397-1	%	50	35

OPTIONAL ACCESSORIES

Machine model		ICX - All models
Tyres		Tyres size 10 x 16.5 NHS 6PR. Grassland tyres for minimised ground disturbance.
Tracks		320 x 86 x 4300
Controls		ISO+ pattern excavator controls, SAE+ pattern excavator controls, JCB X-pattern excavator controls (Manual control mcs only), EasyControl in Servo SAE/ISO or Switchable SAE/ISO
Machine features		Fully glazed ROPS/FOPS cab, road lights, face level fan, external mirrors, fire extinguisher, air filter pre-cleaner.
Machine and site protection		Flashing beacon, reverse alarm, large stabiliser feet, stabiliser street pads, front screen guard.
Attachments		Front loader auxiliary circuit, front shovel float, auxiliary hand held tool circuit, excavator bucket quickhitch, hammer/bi-directional auxiliary circuit, pallet forks and frame.

NOISE & VIBRATION LEVELS

		ICX – All models
Internal	dB(A)	82
External	dB(A)	101
Vibration		Hand arm vibration does not exceed 2.5m/s ² for all duties with the exception of rough road tracking which averages 3.4m/s ² Whole body vibration 0.29m/s ²

LOADER ATTACHMENTS – DIRECT MOUNT

	ICX Wheeled		ICX Tracked	
	GP shovel	6-in-1 shovel	GP shovel	6-in-1 shovel
	Capacity SAE	Capacity SAE	Capacity SAE	Capacity SAE
Width mm	Rated m ³	Rated m ³	Rated m ³	Rated m ³
1580	0.32	0.31	N/A	N/A
1800	N/A	N/A	0.37	0.36

BACKHOE ATTACHMENTS – STANDARD PROFILE BUCKET

	ICX – All models			
	Capacity SAE		Weight (+ Teeth)	
Width (Including sidecutters. Width less sidecutters deduct 25mm)	Rated m ³	Struck m ³	kg	Teeth
mm				
230	0.03	0.02	51	2
305	0.04	0.04	52	3
460	0.06	0.05	54	3
610	0.08	0.06	57	4

DITCHING BUCKETS

	ICX – All models		
	Capacity SAE		Weight
	Rated m ³	Struck m ³	kg
Width 1000mm	0.12	0.10	52