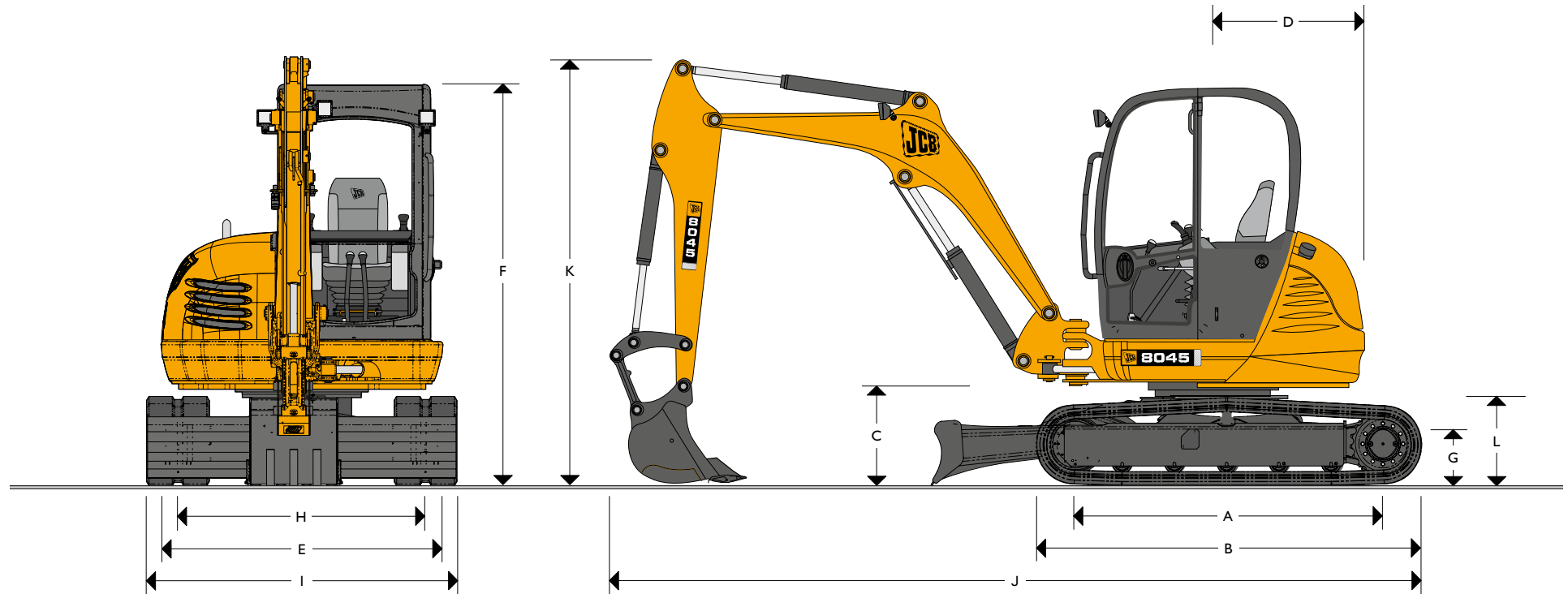




OPERATING WEIGHTS: 4300 kg (9480 lb) & 4750 kg (10472 lb) NET ENGINE POWER: 33.1 kW (45 hp)



STATIC DIMENSIONS

Machine model	8040 ZTS	8045 ZTS
mm (ft-in)	mm (ft-in)	mm (ft-in)
A Sprocket idler centres	1845 (6-1)	1990 (6-6)
B Undercarriage overall length	2385 (7-10)	2530 (8-4)
C Kingpost clearance	690 (2-3)	690 (2-3)
D Tailswing radius	985 (3-3)	985 (3-3)
E Overall width of superstructure	1800 (5-11)	1800 (5-11)
F Height over cab*	2563 (8-5)	2563 (8-5)

Machine model	8040 ZTS	8045 ZTS
mm (ft-in)	mm (ft-in)	mm (ft-in)
G Ground clearance	340 (1-1½)	340 (1-1½)
H Track gauge	1580 (5-2)	1580 (5-2)
I Width over tracks	1980 (6-6)	1980 (6-6)
J Transport length	5100 (16-9)	5170 (16-11½)
K Transport height	2563 (8-5)	2736 (9-0)
L Track height	570 (1-10½)	570 (1-10½)

* Non A/C models



ENGINE

Machine Model	8040 & 8045 ZTS	
Model	Perkins 404-22c Tier 3	
Fuel	Diesel	
Cooling	Water Cooled	
Gross power SAE J1995	kW (HP) @ 2600 rpm	34.1 (46.36)
Net power SAE J1349	kW (HP) @ 2600 rpm	33.1 (45)
Gross torque SAE J1995	Nm (lbf ft) @ 1600 rpm	143 (105.47)
Net torque SAE J1349	Nm (lbf ft) @ 1600 rpm	137.28 (101.25)
Displacement	cc	2.216
Gradeability	degrees	35
Starter motor	kW (HP)	2 (2.72)
Battery	volt/amps	12v / 75Ah
Alternator	amps	65

HYDRAULIC SYSTEM

Machine Model		8040 ZTS	8045 ZTS
Pump		Load Sensing Variable Displacement	Load Sensing Variable Displacement
Nominal output	lpm	169	169
Nominal output	UK gal/min	37.2	37.2
Excavator/track main relief	bar (psi)	220 (3191)	250 (3626)
Slew main relief	bar (psi)	216 (3133)	216 (3133)
Auxiliary hydraulic flow	litres (UK gal)	70 (15.4)	70 (15.4)
Hydraulic motors		Piston	Piston

UNDERCARRIAGE

Machine model		8040 ZTS	8045 ZTS
No of bottom rollers (per side)		4	5
Track width	mm (in)	400 (16)	400 (16)
Ground bearing pressure	kg/cm ² (psi)	0.29 (4.12)	0.3 (4.27)
Ground clearance	mm (in)	340 (13½)	340 (13½)
Track tensioning		Grease	Grease
Travel speed – low	kph (mph)	2.7 (1.68)	2.7 (1.68)
Travel speed – high	kph (mph)	5.5 (3.42)	5.5 (3.42)
Tractive effort	kN (lbf)	48.3 (10858.3)	54.8 (12319.5)

OPERATOR ENVIRONMENT

		External	Internal
Cab/canopy length	mm (ft-in)	1328 (4-4)	1187 (3-11)
Cab/canopy width	mm (ft-in)	980 (3-2½)	933 (3-1)
Full internal height	mm (ft-in)	1570 (5-2)	
Door aperture width	mm (ft-in)	564 (1-10)	

EEC NOISE LEVELS (95/27/EC DYNAMIC)

Machine model		8040 ZTS	8045 ZTS
Cab / canopy external	dB (LwA)	96	96
Cab internal	dB (LwA)	80	80