KX085-5

SPECIFICATION

Engine	Kubota Stage V V3307-CR-TE5-BH-1 with CRS and DPF (with automatic DPF regeneration) Auto-idling system
Hydraulics	Variable displacement pump Load sensing hydraulic system Hydraulic pilot control levers with adjustable wrist rests 2-speed travel with auto-shift
Aux circuit	2 x proportionate auxiliary circuits (AUX1 & AUX2)with adjustable maximum oil flow
Boom	Mono boom
Arm	1750mm/2100mm
Blade	Dozer blade with float function
Safety	• Engine start safety system on the left console • Travel motor with disc brake • Swivel motor with disc brake • Overload warning buzzer • Rear-view camera • Anti-drop valve on the arm (ISO 8643) • Anti-drop valve on the boom (ISO 8643) • Anti-drop valve unit on the dozer • Engine auto stop • 3 LED working lights on cabin and 1 LED light on the boom • ROPS (Roll-over Protective Structure, ISO12117-2) • OPG (Operator Protective Guard, Top Guard) Level1 • Retractable orange seatbelt with alert function • Kubota original anti-theft system • Kubota tracking system* • Quick Hitch
Available options	• HVO Fuel Compatible • Height & Slew System • HFR System • Bio Hydraulic Oil • 360º Camera System

KX085-5

DIMENSIONS & PERFORMANCE FIGURES

OPERATING WEIGHT (APPR.)

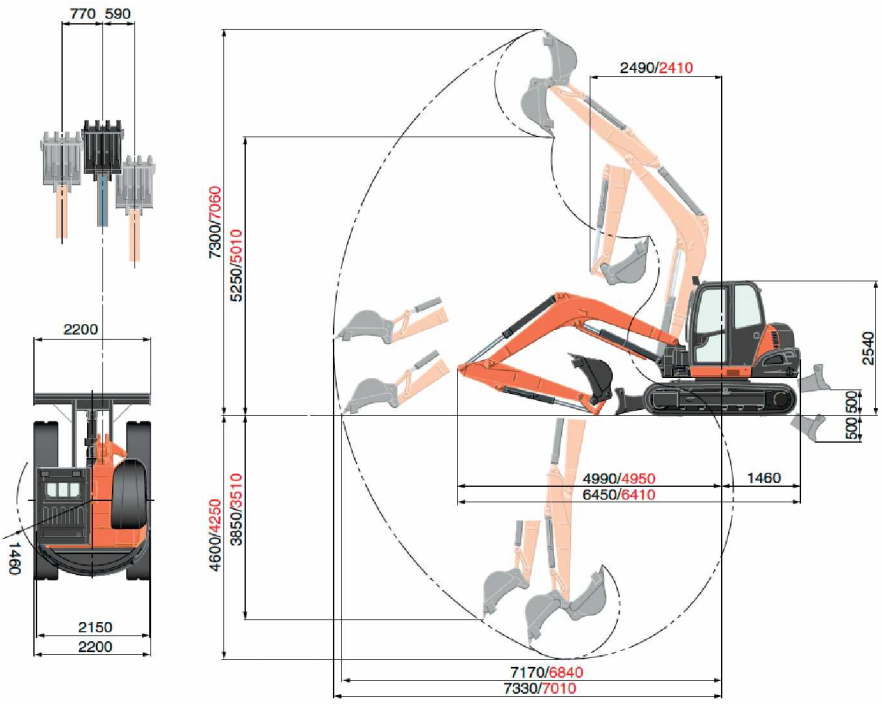
Rubber Tracks	Operating Weight
450mm	8467kg (mono)

MACHINE DIMENSIONS	
Transport boom height	3000mm
Centre machine to boom end	4990mm
Overall length	6450mm
Overall height	2540mm
Overall width	2200mm
Ground clearance	356mm
Tail swing radius	1460mm
Track length on ground	2300mm
Track gauge	2150mm
Track shoe width	450mm
Overall width of upper structure	2150mm
Distance, swing centre to rear end	1460mm
Boom swing angle	70°/60°
Boom offset L/H	70°
Boom offset R/H	60°

WORKING RANGE

2100 mm arm
1750 mm arm

Unit mm.



LIFTING CAPACITY

kN (ton)

Model		MONO											
Lift Point Height		Lift point radius (min.)			Lift point radius (4m)			Lift point radius (5m)			Lift point radius (Max)		
		Over-front		Over-side	Over-front		Over-side	Over-front		Over-side	Over-front		Over-side
		Blade Down	Blade Up		Blade Down	Blade Up		Blade Down	Blade Up		Blade Down	Blade Up	
5m	1750 Arm				16.7 (1.70)	16.7 (1.70)	16.2 (1.65)						
	2100 Arm				14.2 (1.45)	14.2 (1.45)	14.2 (1.45)						
3m	1750 Arm				20.1 (2.05)	20.1 (2.05)	15.2 (1.55)	17.2 (1.75)	13.7 (1.40)	10.8 (1.10)			
	2100 Arm				18.1 (1.85)	18.1 (1.85)	15.7 (1.60)	16.2 (1.65)	14.2 (1.45)	10.8 (1.10)			
1.5m	1750 Arm				26.0 (2.65)	18.6 (1.90)	13.7 (1.40)	20.1 (2.05)	13.2 (1.35)	10.3 (1.05)	17.0 (1.74)	10.7 (1.09)	8.2 (0.84)
	2100 Arm				24.5 (2.50)	18.6 (1.90)	14.2 (1.45)	19.1 (1.95)	13.2 (1.35)	10.3 (1.05)	15.8 (1.61)	9.3 (0.95)	7.5 (0.76)
1m	1750 Arm				27.4 (2.80)	18.1 (1.85)	13.7 (1.40)	20.6 (2.10)	12.7 (1.30)	9.8 (1.00)			
	2100 Arm				26.0 (2.65)	18.1 (1.85)	13.7 (1.40)	20.1 (2.05)	13.2 (1.35)	9.8 (1.00)			
0m	1750 Arm				28.4 (2.90)	17.6 (1.80)	13.2 (1.35)	21.1 (2.15)	12.7 (1.30)	9.3 (0.95)			
	2100 Arm				27.9 (2.85)	17.6 (1.80)	13.2 (1.35)	21.1 (2.15)	12.7 (1.30)	9.3 (0.95)			
-1m	1750 Arm	37.2 (3.80)	37.2 (3.80)	37.2 (3.80)	27.0 (2.75)	17.2 (1.75)	12.7 (1.30)	20.1 (2.05)	12.7 (1.30)	9.3 (0.95)			
	2100 Arm	28.4 (2.90)	28.4 (2.90)	28.4 (2.90)	27.4 (2.80)	17.2 (1.75)	12.7 (1.30)	20.6 (2.10)	12.3 (1.25)	9.3 (0.95)			
-3m	1750 Arm												
	2100 Arm				15.7 (1.60)	15.7 (1.60)	13.2 (1.35)						

Please note:
* The lifting capacities are based on ISO 10567 and do not exceed 75% of the static tilt load of the machine or 87% of the hydraulic lifting capacity of the machine.
* The excavator bucket, hook, sling and other lifting accessories are not included on this table.
* Standards EN474-1 and EN474-5 require the machine to be fitted with a safety valve on the boom cylinder and an overload warning buzzer for object handling operations.
* Specifications are subject to change without notice for purpose of improvement.