KX085-5

8.5 TONNE MINI EXCAVATOR

Advanced performance, superior operation
Machine weight: 8392/9097(2-piece boom)
Engine output: 63.2PS/46.5kW 63.2 (PS)

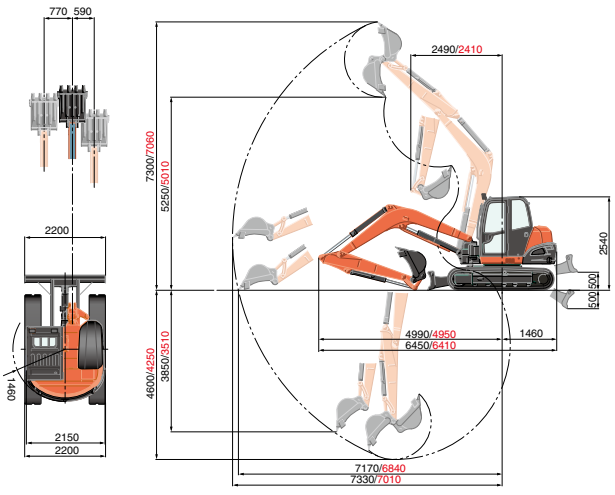
KX085-5 | EXCAVATOR SPECIFICATIONS

Model		KX085-5	KX085-5 2-piece Boom
Operating weight*1	kg	8467	9172
Bucket capacity, std. CECE	m^3	0.13	0.25 / 0.21
Bucket width (without teeth)	mm	700	800
Engine			
Manufacturer		KUBOTA	KUBOTA
Model		V3307-CR-TE5-BH-1	V3307-CR-TE5-BH-1
Type		Water-cooled, diesel engine E-CDIS (with CRS and DPF)	Water-cooled, diesel engine E-CDIS (with CRS and DPF)
Emission standard		EU Stage V	EU Stage V
Output (ISO 14396:2002) (ISO 9249 NET)	kW/rpm	63.2 / 2000	63.2 / 2000
	PS/rpm	46.5 / 2000	46.5 / 2000
Number of cylinder		4	4
Bore × Stroke	mm	94 × 120	94 × 120
Displacement	cc	3331	3331
Overall length	mm	6450	6940
Overall height	mm	2540	2540
Swivelling speed	rpm	9.8	9.8
Rubber shoe width	mm	450	450
Tumbler distance	mm	2300	2300
Dozer size (width × height)	mm	2200 × 500	2200 × 500
Hydraulic pumps			
P1, P2		Variable displacement pump	Variable displacement pump
Flow rate	ℓ/min	84.6 × 2	84.6 × 2
Hydraulic pressure	MPa	27.4	27.4
Max. digging force (arm / bucket)	kN	38.1 / 65.2	38.1 / 65.2
Boom swing angle	deg	67 / 60	67 / 60
Auxiliary circuit (SP1)			
Flow rate	ℓ/min	100	100
Hydraulic pressure	MPa	20.6	20.6
Auxiliary circuit (SP2)			
Flow rate	ℓ/min	55.8	55.8
Hydraulic pressure	MPa	20.6	20.6
Hydraulic reservoir (tank / full)	ℓ	75	75
Fuel tank capacity	ℓ	115	115
Max. travelling speed (low / high)	km/h	2.7 / 4.8	2.7 / 4.8
Ground contact pressure	kPa (kgf/cm^2)	36.6 (0.373)	39.4 (0.402)
Ground clearance	mm	356	356
Noise level			
LpA / LwA (2000/14/EC)	dB (A)	75 / 96	75 / 96
Vibration*2			
Hand arm system (ISO 5349-2:2001)			
Digging / Levelling	m/s2 RMS	<2.5 / <2.5	<2.5 / <2.5
Driving / Idling	m/s2 RMS	4.40 / <2.5	4.40 / <2.5
Whole body (ISO 2631-1:1997)			
Digging / Levelling	m/s2 RMS	<0.5 / <0.5	<0.5 / <0.5
Driving / Idling	m/s2 RMS	0.879 / <0.5	0.879 / <0.5

[1] With 75 kg operator, 176.6 kg standard bucket and fully served
[2] These values are measured under specific conditions at maximum engine speed and can deviate, depending on the operating status.

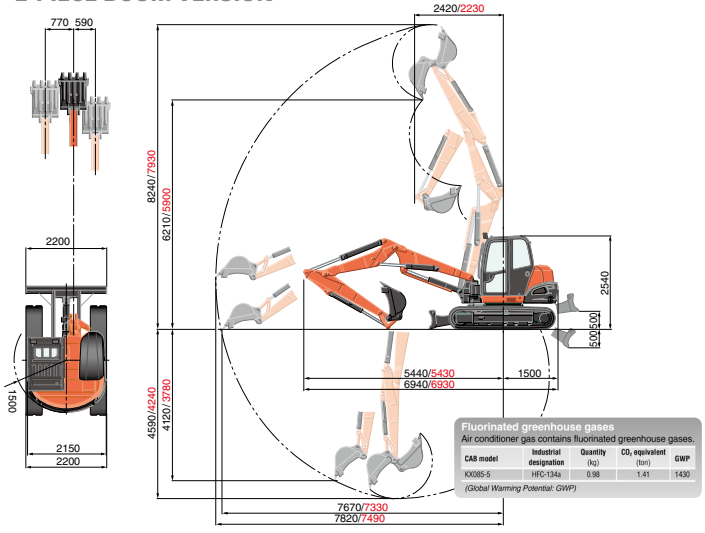
2100 mm arm
1750 mm arm

WORKING RANGE



2-PIECE BOOM VERSION

Unit:mm



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Protected by KUBOTA ANTI THEFT SYSTEM

SEATBELT
Stop engine before seatbelt is unfastened

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Kubota