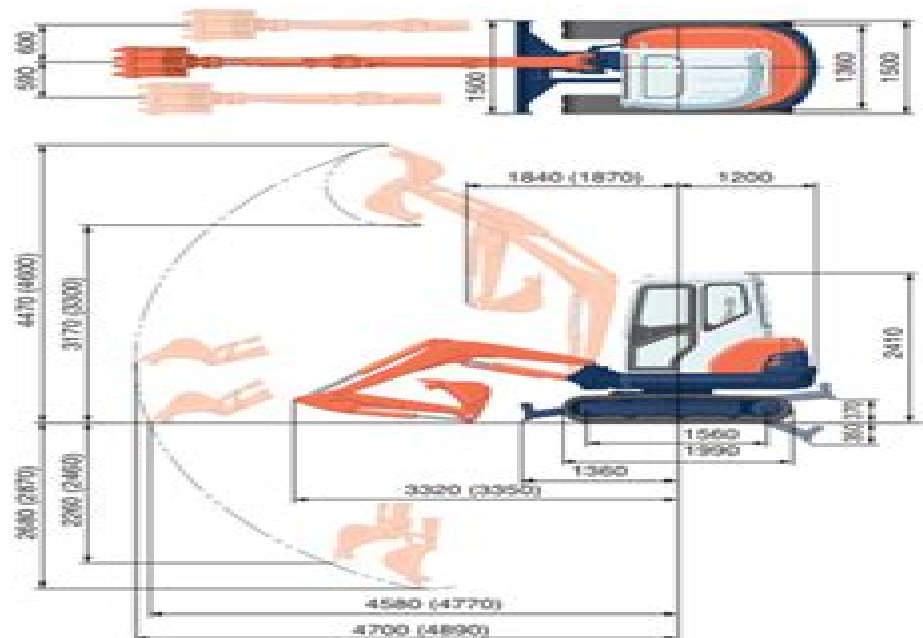


SPECIFICATIONS

			*Rubber shoe type
Machine weight	Cabin (Std. arm/Long arm)	kg	2790/2800
	Canopy (Std. arm/Long arm)	kg	2685/2695
Bucket capacity, std. SAE/CECE	m ³		0.07
Bucket width	with side teeth	mm	505
	without side teeth	mm	480
Engine	Model	V1 505-E2-BH-100U	
	Type	Water-cooled, diesel engine	
	Output ISO9249	PS/rpm	27.5/2300
		kW/rpm	20.5/2300
	Number of cylinders		4
	Bore x stroke	mm	78 x 78.4
	Displacement	cc	1498
Overall length (Std. arm/Long arm)	mm	4520/4550	
Overall height	Cabin	mm	2410
	Canopy	mm	2430
Swivelling speed	rpm	9.4	
Rubber shoe width	mm	300	
Tumbler distance	mm	1560	
Dozer size (width x height)	mm	1500 x 300	
Hydraulic pumps	P1, P2	Variable displacement pump	
	Flow rate	l/min	32.2+32.2
	Hydraulic pressure MPa(kgf/cm ²)	25.5 (240)	
	P3	Gear pump	
	Flow rate	l/min	18.4
	Hydraulic pressure MPa(kgf/cm ²)	20.6 (210)	
Max. digging force	Arm (Std./Long)	kN (kgf)	17.5/16.2 (1790/1650)
	Bucket	kN (kgf)	25.2 (2570)
Boom swing angle (left/right)	deg	80/60	
Auxiliary circuit	Flow rate	l/min	50.6
	Hydraulic pressure MPa(kgf/cm ²)	20.6 (210)	
Hydraulic reservoir	l	34	
Fuel tank capacity	l	45	
Max. travelling speed	Low	km/h	2.7
	High	km/h	4.6
Ground contact pressure	Cabin	kPa(kgf/cm ²)	26.5 (0.270)
	Canopy	kPa(kgf/cm ²)	25.0 (0.255)
Ground clearance	mm	305	

WORKING RANGE



E3: Long Arm Unit, mm

LIFTING CAPACITY

KXCP1-36CAB0 with standard arm:							kN (ton)
Lift Point Height	Lifting point radius (2.5m)			Lifting point radius (3.5m)			
	Over-front		Over-side	Over-front		Over-side	
	Blade Down	Blade UP		Blade Down	Blade UP		
2.0m	7.20 (0.73)	7.20 (0.73)	7.20 (0.73)	5.89 (0.60)	5.81 (0.59)	5.09 (0.52)	
1.5m	8.95 (0.91)	8.95 (0.91)	8.15 (0.83)	6.32 (0.64)	5.72 (0.58)	5.00 (0.51)	
1.0m	10.57 (1.08)	9.18 (0.94)	7.90 (0.81)	6.80 (0.69)	5.62 (0.57)	4.91 (0.50)	
0m	11.79 (1.20)	8.88 (0.91)	7.57 (0.77)	7.29 (0.74)	5.49 (0.56)	4.78 (0.49)	
KXCP1-36CAB0 with long arm:							kN (ton)
Lift Point Height	Lifting point radius (2.5m)			Lifting point radius (3.5m)			
	Over-front		Over-side	Over-front		Over-side	
	Blade Down	Blade UP		Blade Down	Blade UP		
2.0m	6.38 (0.65)	6.38 (0.65)	6.38 (0.65)	5.45 (0.56)	5.45 (0.56)	5.10 (0.52)	
1.5m	8.10 (0.83)	8.10 (0.83)	8.10 (0.83)	5.94 (0.61)	5.72 (0.58)	5.00 (0.51)	
1.0m	9.86 (1.01)	9.20 (0.94)	7.87 (0.80)	6.48 (0.66)	5.60 (0.57)	4.88 (0.50)	
0m	11.64 (1.19)	8.79 (0.90)	7.49 (0.76)	7.18 (0.73)	5.43 (0.55)	4.72 (0.48)	

Please note:

* The lifting capacities are based on ISO 10067 and do not exceed 75 % of the static load of the machine or 67 % of the hydraulic lifting capacity of the machine.

** The excavator bucket, hook, sling and other lifting accessories are not included on this table.



* Working ranges are with Kubota standard bucket, without quick coupler.

** Specifications are subject to change without notice for purpose of improvement.

Kubota Super Mini Excavator Owners Manual

Tobias Bleicker



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