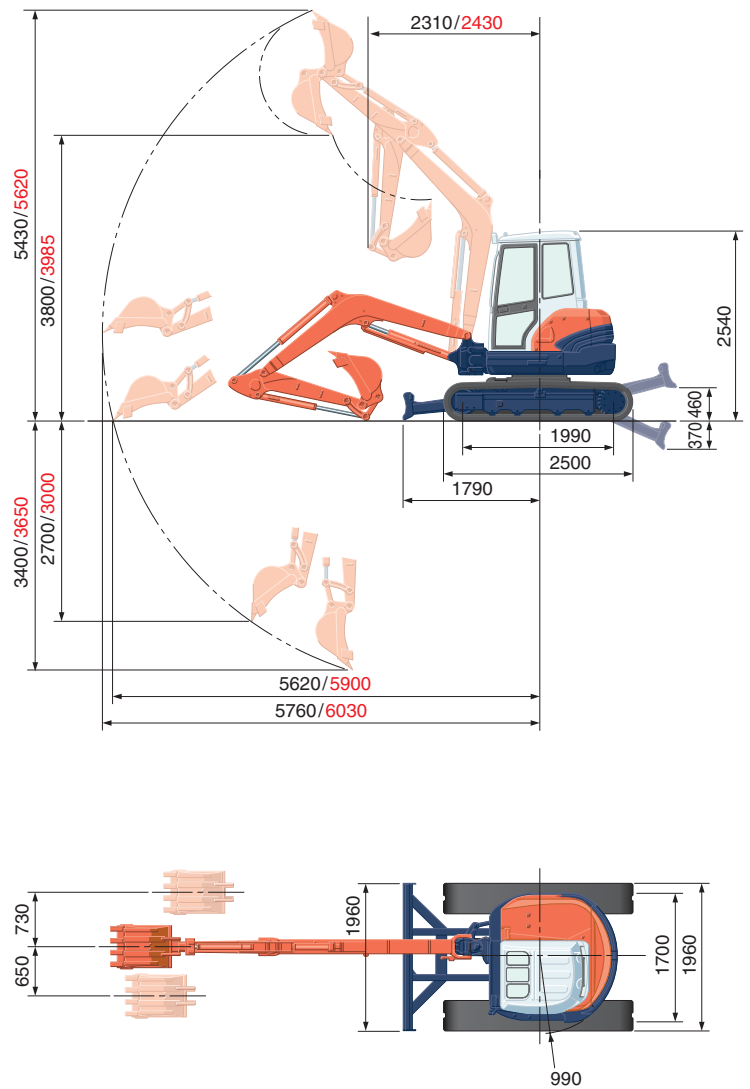


# SPECIFICATIONS

\*Rubber shoe type

Model		U45-3 $\alpha$	U50-3 $\alpha$
Machine weight	Cabin	kg	4500   4890
Bucket capacity, std. SAE/CECE		m <sup>3</sup>	0.14/0.12
Bucket width	With side teeth	mm	600
	Without side teeth	mm	550
Model		V2203-M-EBH-2-N	
Type		Water-cooled, diesel engine E-TVCS (Economical, ecological type)	
Engine	Output ISO9249	PS/rpm	40/2250
		kW/rpm	29.4/2250
	Number of cylinders	4	
	Bore $\times$ Stroke	mm 87 $\times$ 92.4	
	Displacement	cc 2197	
Overall length		mm	5340   5385
Overall height	Cabin	mm	2540
Swivelling speed		rpm	9.1
Rubber shoe width		mm	400
Tumbler distance		mm	1990
Dozer size (width $\times$ height)		mm	1960 $\times$ 390
Hydraulic pumps	P1	Variable displacement pump	
	Flow rate	ℓ/min	121.5
	Hydraulic pressure	MPa (kgf/cm <sup>2</sup> )	23.5 (240)
Max. digging force	Arm	kN (kgf)	23.0 (2350)   20.2 (2060)
	Bucket	kN (kgf)	32.9 (3350)
Boom swing angle (left/right)		deg	80/50
Auxiliary circuit	Flow rate	ℓ/min	73
	Hydraulic pressure	MPa (kgf/cm <sup>2</sup> )	23.5 (240)
Hydraulic reservoir		ℓ	44
Fuel tank capacity		ℓ	70
Max. travelling speed	Low	km/h	2.7   2.3
	High	km/h	4.8   4.6
Ground contact pressure	Cabin	kPa (kgf/cm <sup>2</sup> )	25.8 (0.26)   27.7 (0.28)
Ground clearance		mm	320

# WORKING RANGE



Unit: mm  
 U45-3 $\alpha$   
 U50-3 $\alpha$

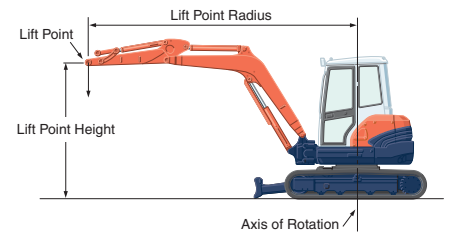
# LIFTING CAPACITY

U45-3 $\alpha$  kN (ton)

Lift Point Height	Lifting point radius (3m)			Lifting point radius (4m)		
	Over-front		Over-side	Over-front		Over-side
	Blade Down	Blade UP		Blade Down	Blade UP	
3m	-	-	-	9.3 (0.95)	8.5 (0.87)	7.5 (0.76)
2m	14.0 (1.42)	13.0 (1.33)	11.2 (1.14)	10.6 (1.08)	8.3 (0.84)	7.2 (0.74)
1m	18.3 (1.87)	12.1 (1.23)	10.3 (1.05)	12.2 (1.24)	7.9 (0.81)	6.9 (0.70)
0m	19.6 (2.00)	11.7 (1.19)	9.9 (1.01)	13.0 (1.33)	7.6 (0.78)	6.6 (0.68)

U50-3 $\alpha$  kN (ton)

Lift Point Height	Lifting point radius (3m)			Lifting point radius (4m)		
	Over-front		Over-side	Over-front		Over-side
	Blade Down	Blade UP		Blade Down	Blade UP	
3m	-	-	-	8.2 (0.84)	8.2 (0.84)	8.2 (0.84)
2m	12.1 (1.24)	12.1 (1.24)	12.1 (1.24)	9.6 (0.98)	9.6 (0.98)	9.1 (0.92)
1m	16.8 (1.72)	14.1 (1.44)	13.0 (1.32)	11.4 (1.16)	9.2 (0.94)	8.6 (0.88)
0m	19.0 (1.94)	13.5 (1.37)	12.4 (1.26)	12.5 (1.28)	8.8 (0.90)	8.3 (0.85)



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.

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

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