

# R Series

# Specifications

## R630



Model				R630
Type of ROPS / FOPS				CANOPY / CAB
Engine	Model			V2607-CR-TE4
	Emission certification			Tier4 Final
	Output (SAE J1995 gross)	HP (kW)/rpm		64.4 (48) / 2400
	Output (SAE J1349 net)	HP (kW)/rpm		61.2 (45.6) / 2400
	Displacement	cu.in. (cc)		160 (2615)
Transmission	Type			Hydrostatic transmission
Dimensions	Overall length	ft.in. (mm)		17' 0" (5185)
	Overall height	ft.in. (mm)		8' 2" (2480) / 8' 2" (2500)
	Overall width (w/o bucket)	ft.in. (mm)		5' 11" (1805)
	Ground clearance	in. (mm)		13.8" (350)
Auxiliary circuit	Auxiliary hydraulic flow	gpm (l/min)		17.8 (67.2)
	Auxiliary hydraulic pressure			3000 (20.6)
Drive system	Tire size			405/70R18
	Travel speed	Low / High	mph (km/h)	3.0 (4.8) / 12.4 (20.0)
	Max. traction force			8593 (38.2)
	Front/Rear axle traction lock			Diff-lock (both axles)
	Articulation angle	deg.		40 (each direction)
	Angle of rear frame oscillation	deg.		±8
	Loader clearance circle	ft.in. (mm)		27' 3" (8295)
	Turning radius track circle	ft.in. (mm)		11' 4" (3445)
	Brakes	Service		Enclosed wet disc
		Parking with bucket		Spring applied hydraulic released wet disc
Lifting specifications				
	Tipping load (straight)	with bucket	lbs. (kg)	7606 (3450) / 8212 (3725)
		with pallet forks	lbs. (kg)	5842 (2650) / 6305 (2860)
	Tipping load (full turn)	with bucket	lbs. (kg)	6459 (2930) / 7000 (3175)
		with pallet forks	lbs. (kg)	4993 (2265) / 5390 (2445)
	Rated operating capacity (SAE)	with bucket	lbs. (kg)	3229 (1465) / 3500 (1587)
		with pallet forks	lbs. (kg)	2496 (1132) / 2695 (1222)
Operational specifications	Standard bucket capacity	yd3		1
	Breakout force	lbs. (kN)		10415 (46.3)
	Lifting capacity at ground level	lbs. (kN)		8505 (37.8)
	Loader raise / lower time	sec.		5.9 / 4.2
Fuel tank	gal. (l)			18.5 (70)
Hydraulic system	gal. (l)			15.1 (57)
Hydraulic reservoir	gal. (l)			10.3 (39)
Operating weight (Including operator weight @ 175lbs.)	lbs. (kg)			10229 (4640) / 10725 (4865)

Note: The above dimensions are based on the machine with std. tires, skid steer type quick coupler, standard bucket and ROPS/FOPS canopy and cabin. The company reserves the right to change the above specifications without notice. This brochure is for descriptive purposes only. Please contact your local Kubota dealer for warranty information. For your safety, Kubota strongly recommends the use of a Rollover Protective structure (ROPS) and seat belt in almost all applications.