

# 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			psi (Mpa) 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		lbs. (kN)	8593 (38.2)
	Front/Rear axle traction lock			Diff-lock (both axes)
	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		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			yd <sup>3</sup> 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.