

Government Of Nepal
 Ministry of Federal Affair and Local Development
Office of the Rural Municipality Executive
 Beldandi
Specification of Roller

S N	Static Dimention	Not Less Than In mm	SN	Operating Data		
1	Wheel Base	2845	1	Operating weight	11250 kg	
2	Overall Width	2240	2	Operating axle load front/rear	6350/4900 Kg	
3	Axle to reare face	1517	3	Vibration stage	1	2
4	Wheel diameter	1560		Exciter ferquency Hz(vpm)	32(1920)	36 (2160)
5	Drum Diamater	1500		Nominal amplitude mm	1.8	0.8
6	Departure Angle front/rear	39/34 degree		Centrifogal force KN	256	147
7	Total Travel clearance	2995		Centrifogal force/drum width N/cm		
	Ground clearance	70		Working speedkm/h	6.5	
	Drum thickness	28		Travel speed km /h	11	
	Drum width	2100		Inner turning radius m	3.4	

<p>Engine Four - cylinder,water cooled,four-stroke, turbo-charged,after-cooled diesel engine Make/ model Total displacement (cm³) Gross power (hp) Operating speed /rated (rpm) Starting device Air cleaner Cartridge fuel filter,Emmision BS-III confirms to CMVR norms 12 voltage with120 Ah battery capacity and 90 A Alternator. Infinitely variable hydrosstatic direct drive by variable displacement motor onrear axle and Single-shaft circular exciter withoverturning weights. Servo assisted articulation with automatic oscillation steering system. RPM cum hour meter, fuel gauge, engine temperature gauge, indicator forengine oil pressure, battery chargingcurrent, hydraulic oil and air filter condition, parking brake. Neturalposition control lever, switches forspeer range selection.ferquency,acoustic back-up alarm, four working lights, head lamps,turn signal,hazard-warning lights etc. withROPS& FOPS cab,ROPS & FOPS canopy,compatronic, paddle foot drum sheel and pressure measuring station</p>	<p>4399 100/114 2000/2200 Electric motor Two stage dry</p>	<p>Service Capacities Fuel litres 300 Engine oil litres 14 Gear oil litres 5 Hydraulic oil litres 80 Coolent system litres 21 Braking System Hydrostatic propulsion system Electrically-controlled.disk brakeon rear axle and drum drive Emergency brake</p>
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