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ROAD MACHINERY

CV123U

► Product Feature:

CV123U/CV123PDU is a kind of medium sized, self-propelled, single drum, full hydraulic vibratory roller special designed for North America market. This product fulfills the requirements of the USTier4F emission standards. Featuring high excitation force, high compaction efficiency and good compaction quality, it is widely used in compaction work on base layer, subbase layer and rock fill for roads, railways, airports, harbors, dams and industrial construction sites.

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MAIN SPECIFICATIONS

CONTENT	UNIT	CV123U/CV123PDU
Weights		
Operating weight	kg	12,400 / 13,250 / 13,700
Maximum operating weight	kg	12,400 / 13,250 / 13,700
Front axle weight	kg	6,700 / 7,550 / 8,000
Rear axle weight	kg	5,700
Static linear load	N/cm	308/-
Maneuverability		
Working speed	km/h	0 ~11.2
Gradeability	%	45
Minimum turning radius (outer)	mm	6,800
Minimum ground clearance	mm	393/443
Wheel base	mm	3,010
Steering angle	°	± 30
Oscillation angle	°	± 10
Compaction parameters		
Vibration frequency	Hz	30/35
Nominal amplitude	mm	1.8/0.9; 1.6/0.8
Excitation force	kN	280/190
Drum diameter	mm	1,523/1,723
Drum width	mm	2,130
Engine		
Model		QSF3.8
Emission		T4F
Rated power	kW	97
Rated speed	r/min	2,200
Tire		
Spec.		23.1-26-12G23TL 23.1-26-12R1TL
Ply rating		12
Air pressure	kPa	200/170
Capacities		
Fuel tank	L	200
Urea box	L	18.9

PERFORMANCE AND CHARACTERISTICS

- ▶ Perfect combination of high climbing ability and anti-skid technology, leading industry in adaptability to extreme working conditions.
- ▶ Cylindertype for support longlife drum, unparalleled 10,000 hours lifetime expected under standard working conditions.

- ▶ Easy viewing LCD display and sound-light alarm on dashboard provides timely service information reminder.
- ▶ The infinitely variable speeds function guarantees optimum work speeds under diversified working conditions.
- ▶ Air conditioner with cooling/heating function ensures optimal cabin temperature.

MAIN DIMENSIONS								UNIT:MM
MODEL	L	L1	W	W1	H	H1	S	D
CV123U	6,150	3,010	2,300	2,130	3,150	393	30	1,523
CV123PDU	6,150	3,010	2,300	2,130	3,250	443	30	1,523

