

XS75G/XS75PDG



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Single Drum Vibratory Roller

XS75G/XS75PDG is a double pump drive, self-propelled, double-drive, full hydraulic, single-drum vibratory roller. This product fulfills the requirements of the European Stage V and US EPA Tier 4f emission standards. With its high traction force, high centrifugal force, efficient compaction, and compaction quality results, this equipment is frequently utilized for compacting base layers, sub-base layers, and rock fill in construction projects for roads, railways, airports, harbors, dams, etc.



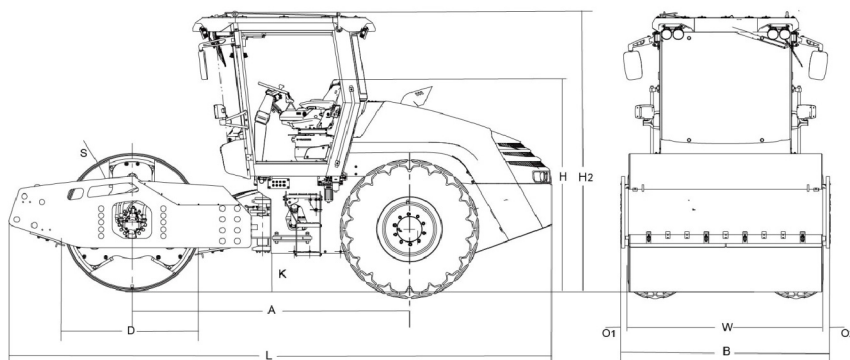
Performance and characteristics

- The whole machine adopts the latest "5" series appearance modeling, compact structure and aesthetics; waist design makes the whole machine has the best front and rear 1 × 1m good vision; Fuel oil filter, hydraulic oil filter, oil and water outlet are designed for good accessibility.
- DOC+DPF single-cylinder post-processor is adopted to fulfill the emission requirements of European Stage V and US Tier 4F.
- Double-pump closed loop hydraulic drive system composed of Danfoss piston pump and piston motor.
- Use heavy roller special drive axle, tubeless tire with optional quincunx and herringbone patterns.
- Braking system is composed of drive axle, multi-disc brake on the wheel side reducer and hydrostatic braking of closed hydraulic system.
- Hand-shape lever combined with rotary and sliding elbow support to enable the driver to operate freely.
- Engine hood tilts forward largely and easily for better access to the maintenance parts.

Main dimensions

Unit: mm

Model	A	B	D	H	H2	K	L	O1	O2	S	W
XS75G	2395	1925	1250	2240	2900	350	4590	112	112	20	1700



Main specifications

Item	Content	Value
Weights	Operating weight	7000kg
	Front axle weight	4000kg
	Rear axle weight	3000kg
	Static linear load	-
Driving Parameters	Working speed	0-12.0km/h
	Theoretical gradeability	60%
	Minimum turning radius(inside)	2875mm
	Minimum Ground Clearance	350mm
	Wheelbase	2395mm
	Steering angle	35°
	Oscillation angle	10°
	Braking distance	3.9m
	Vibration frequency	30-40Hz
Compaction Parameters	Nominal amplitude	1.9/0.8mm
	Excitation force (high/low frequency)	90-130kN
	Drum diameter	1250mm
	Drum width	1700mm
	Charge pressure, drive system	2.5MPa
Hydraulic System	Peak pressure, drive system	41MPa
	Peak pressure, vibration system	32.5MPa
	Peak pressure, steering system	16MPa
	Model	V3307
Engine	Type	Turbocharger water-cooled electrical control
	Rated power	52.6kW
	Rated speed	2400r/min