



A compact 2.75-tonne tandem roller combining 67 Hz high-frequency vibration, eleven-speed control, excellent manoeuvrability and a 24.6 kW Kubota powertrain.

2,918 kg Operating mass	11.4 kg/cm Static linear load
24.6 kW Rated power	40% Gradeability

TECHNICAL DATA

MASSES

Operating mass	kg	2,918
Transport Mass, No Water / 5% Fuel		2,717
Front drum load	kg	1,375
Rear drum load	kg	1,375
Static linear load - front	kg/cm	11.4
Static linear load - rear	kg/cm	11.4

COMPACTION

Vibration frequency	Hz	55 / 67
Nominal amplitude	mm	0.5
Exciting force	kN	28 / 42
Drum diameter	mm	700
Drum width	mm	1,200
Drum thickness	mm	13

TRAVEL AND PERFORMANCE

Travel speed	km/h	0-11
Gradeability - vibrating	%	30
Gradeability - non-vibrating	%	40
Ground clearance	mm	256
Wheelbase	mm	1,750

ENGINE

Manufacturer / model	-	Kubota D1803
Rated power	kW	24.6
Emission standard	-	Stage V / T4f

MANEUVERABILITY

Steering angle	deg	+/-32
Swing angle	deg	+/-10
Minimum inside turning radius	mm	2,650
Crab walk distance	mm	50

ELECTRICAL SYSTEM

Battery	V x Ah	12 x 60
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CAPACITIES

Fuel tank	L	50
Hydraulic oil tank	L	30
Water tank	L	200

CONFIGURATION AND SERVICEABILITY

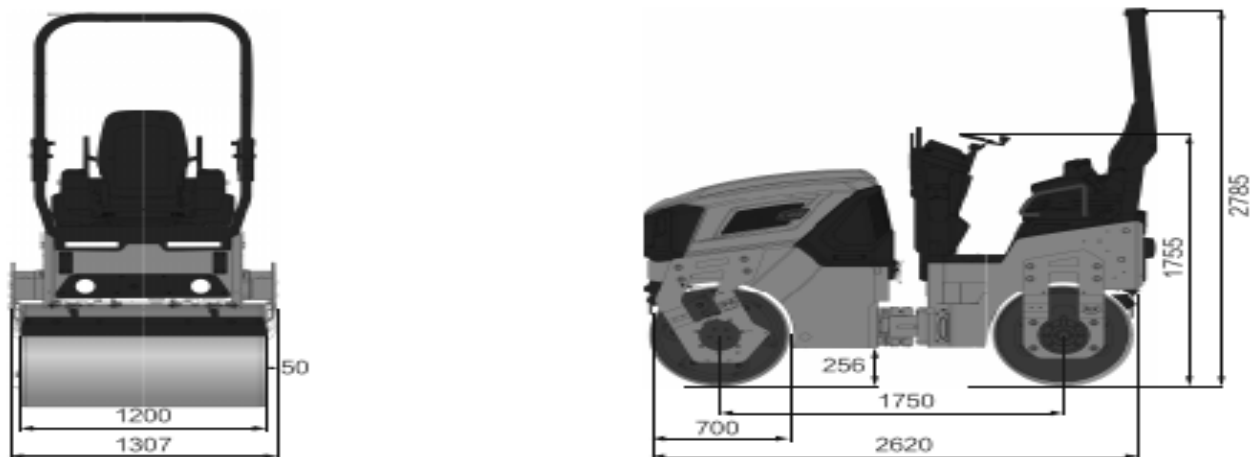
STANDARD MACHINE SYSTEMS

Kubota D1803 Stage V / T4f engine	•
Right electric-control joystick	•
Colour touchscreen	•
Emergency braking	•
Foldable ROPS	•
Reversing buzzer	•
Spring Loaded roller scraper	•
Single lifting point	•
Pressurised watering system	•
Real-time water-level display	•
Independent / simultaneous drum vibration	•
Manual and automatic vibration modes	•
12 V power and USB ports	•
Phone box and cup holder	•
Control side-slip	•

OPTIONAL EQUIPMENT

Left electric-control joystick	○
Canopy	○
Anti-slip system	○
Edge cutter	○
Wheel-end light	○
ROPS canopy light	○
Blue-zone	○
Beacon light	○
Intelligent compaction system	○

DIMENSIONS



Overall length	2,620 mm
Overall width	1,307 mm
Overall height	2,785 mm
Wheelbase	1,750 mm
Drum diameter	700 mm
Drum width	1,200 mm
Ground clearance	256 mm

MACHINE SYSTEMS AND APPLICATIONS

Efficient compaction	67 Hz high-frequency vibration and compaction speeds up to 8 km/h support fast, productive rolling.
Uniform results	Eleven selectable travel-speed settings help maintain consistent compaction speed and surface quality.
Operator comfort	A spacious ergonomic platform, colour touchscreen and adjustable rotating seat support comfortable operation.
Manoeuvrability	A 2.65 m inside turning radius, +/-32-degree steering and 50 mm crab walk suit confined work areas.
Performance and visibility	The slim-waist design improves drum-edge visibility, while the Kubota powertrain supports grades up to 40%.