



A compact 2.92-tonne tandem roller combining 67 Hz high-frequency vibration, smooth stepless travel control, excellent maneuverability and a 24kW Kubota powertrain.

2,920 kg Operating mass	12 kg/cm Static Linear Load
24 kW Rated power	40% Gradeability

TECHNICAL DATA

MASSES

Operating mass	kg	2,950
Transport Mass		2,717
No Water / 5% fuel		
Front drum load	kg	1,440
Rear drum load	kg	1,480
Static linear load - front	kg/cm	12
Static linear load - rear	kg/cm	12

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
Emission standard	-	Stage III

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

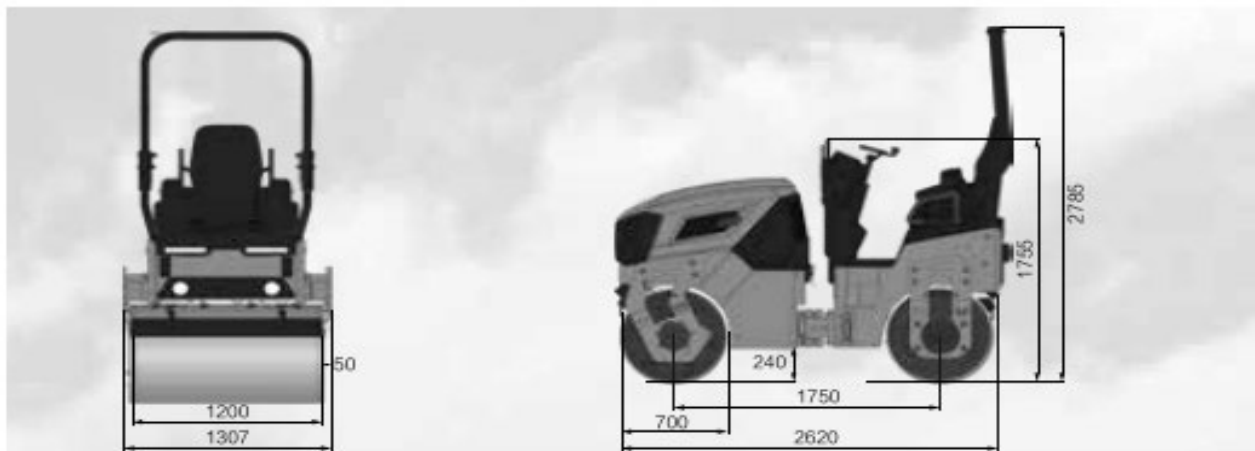
STANDARD MACHINE SYSTEMS

Kubota D1803 China IV/Stg III	•
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	•

OPTIONAL EQUIPMENT

Left electric-control joystick	○
Canopy	○
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	240 mm

MACHINE SYSTEMS AND APPLICATIONS

Efficient compaction	67 Hz high-frequency vibration delivers 4,020 ground strikes per minute for fast, intensive compaction.
Uniform results	Unified triple centers and amplitude-uniformity deviation of no more than 5% help deliver consistent compaction force.
Smooth travel	Precision displacement control provides smooth, impact-free starting, stopping and reversing.
Operator comfort	Dual travel joysticks, a 7-inch colour screen, adjustable seat and generous legroom support comfortable operation.
Manoeuvrability and access	A 2.65 m inside turning radius, 50 mm crab walk and 70-degree service-cover opening suit confined work and simplify maintenance.