PRODUCT HIGHLIGHTS

TANDEM ROLLER | STR27C-10

HIGH PERFORMER

High Flexibility: Small inner turning radius, increased steering precision, and 50 mm steering offset, ideal for tight work-ing spaces.

Grand Performance: Optimal traction and high stability on inclines of up to 40%.
Sufficient Power Resources: Enough power even in demanding work conditions.

EFFICIENT COMPACTION

Quick Progress: High-frequency vibration of 67 Hz, compaction speed of 8 km/h for higher efficiency.
Uniform Compaction: With our unique 11-fold speed adjustment, persistent compaction excellence is achieved.

COMFORTABLE OPERATION

Spacious Operator Platform: Ergonomic design, large control areas, and ample legroom provide comfort during operation.
Excellent Visibility: The slim waist design improves all-around visibility and enhances drum edge visibility, increasing safety.
Comfortable Operation: Side-shifting and rotating seat with an adjustment range of 300 mm, a swing range of ±20°, a clear and intuitively operated control panel, and a modern color touchscreen for maximum operator comfort. The operator benefits from the multiple seat adjustment and the good view to the drum edges.

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SANY
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HIGHLY MANEUVERABLE

COMFORTABLE OPERATION
WITH EXCELLENT DRUM VISIBILITY

ROAD MACHINERY

TANDEM ROLLER
STR27C-10

Engine
KUBOTA D1803 / D1703
Centrifugal force
28/42, 26/35 kN
Working width
1 200 mm
Operating mass
2 750 / 2 700 kg

HIGH-FREQUENCY VIBRATION TECHNOLOGY

High-frequency vibration of 67 Hz.

ERGONOMIC DESIGN

Spacious operator platform with ergonomic design, ensuring easy access to all controls.

Sliding and rotating mechanism with a suspended seat for enhanced operator comfort.

Compact design with 155 mm protruding drums for excellent visibility and safety.

UNPARALLELED OPERATIONAL WORKFLOW

THIRD-GENERATION ENERGY-SAVING CONTROL TECHNOLOGY

Optimized coordination of the engine and hydraulic pump enables the engine to operate in a low fuel consumption range, while the hydraulic pump for the drive system operates in a high-efficiency range, reducing fuel consumption.

Reduces vibration peaks during startup and minimizes unnecessary energy losses for more efficient compaction.

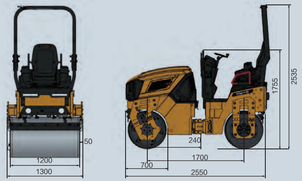
PRODUCT CONFIGURATION OPTIONS

Item	Description of optional configurations
Canopy	Used for sun and rain protection
Intelligent compaction	Compaction support
ROPS lighting	Front and rear work lights
Warning light	Hazard area lighting at machine edges
Edge lighting for drums	Front drum-edge lighting
ASR(Anti-Slip Regulation)	Traction control by flow divider
Edge cutter	Asphalt edge cutting left, right or both sides
Active safety	Active safety radar system
Dual joysticks	Optional joystick on the left side

PRODUCT PARAMETERS

Overall dimensions

The following are standard configuration measurements; actual values may vary depending on optional components.



UNIT: MM

Item	STR27C-10	STR27C-10
Operating weight w. ROPS CECE (kg)	2 750	2 700
Front and rear load distribution (kg)	1 375/1 375	1 350/1 350
Static linear load CECE (N/cm)	115/115	112/112
Frequency (Hz)	55/67	53/61
Amplitude (mm)	0.5	0.5
Centrifugal force (kN)	28/42	26/35
Drum diameter/width (mm)	700/1 200	700/1 200
Max. gradeability with/without vibr. (%)	30/40	30/40
Engine manufacturer and type	D1803	D1703
Emission stage	Stage V	Stage V
Rated power/speed (kW/rpm)	25/2 400	18.5/2 200
Fuel tank volume (L)	50	50