

SAKAI®

TS206 T2-3

Asphalt Roller



TS206
(9 wheels / standard tire)



T2-3
(7 wheels / wide tire)

STATIC PNEUMATIC TIRED ROLLER

10-15 tonne class static pneumatic tired roller for smooth finish and compaction on medium and large paving jobs.

Best Compaction Quality and Efficiency

- Pneumatic tires with uniform, high contact pressures and kneading effect achieve the target density.
- Wide tires overlap larger area (TS206 : 35mm, T2-3 : 55mm) so it would be great for asphalt pavement.
- Zero side clearance provides a full view of the tire edges for easy rolling along curbs and near buildings.
- Tilting mechanism of the front wheels provides continuous contact at all times on uneven surfaces for uniform compaction and a smooth finish.
- Pressurized water sprinkler system is standard to minimize pickup of hot mix asphalt (HMA) on tires.

Operators Comfort

- Fold-down awning is standard for easy transportation.
- Quiet and comfortable with low noise level.

High Safety Standards

- Five mirrors are standard safety equipment for good visibility.
- Flat floor and hand rail around the operator station protect operator against falling or tripping hazards.

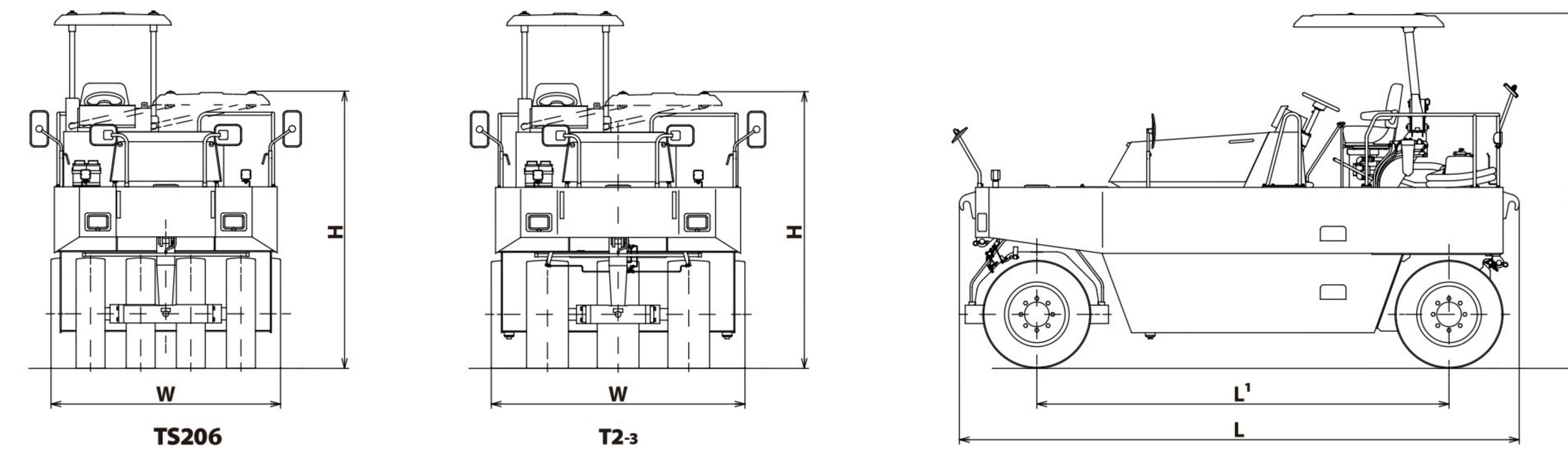
Easy Maintenance

- Easy cleaning water tank with a large drain plug and sloped bottom.
- Water and release agent spray system with anti-clog package, i.e., triple-protection filtration, etc., and with perfect draining winterization.
- Water filter is easily cleaned by turning the lever. No need to change filters.
- Easy-access lubrication device for the drive chain is standard.

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TS206·T2-3



TYPE	Static Pneumatic Tired Roller	
MODEL	TS206	T2-3
CHASSIS MODEL	2TS11	2T6
WEIGHTS		
Max. operating weight with AWNING		
with METAL BALLAST	kg (lbs)	10,580 (23,325)
with WATER BALLAST	kg (lbs)	13,080 (28,835)
with METAL & WATER BALLAST	kg (lbs)	15,080 (33,245)
Operating weight with AWNING	kg (lbs)	10,790 (23,785)
Load on front axle (with operating weight)	kg (lbs)	4,310 (9,500)
Load on rear. axle (with operating weight)	kg (lbs)	6,480 (14,285)
		4,490 (9,900)
		6,550 (14,440)
PERFORMANCE		
Number of speed shifts		4
Speed range (Forward & Reverse) (1/2/3/4)	km/h (mph)	0-4 / 0-7 / 0-11 / 0-19 (0-2.5 / 0-4.3 / 0-6.8 / 0-11.8)
Gradeability	% (°)	42 (22)
Turning radius outside compacted surface	m (in)	6.8 (268)
DIMENSIONS		
Overall length L	mm (in)	5,040 (198)
Overall width W	mm (in)	2,065 (81)
Overall height H (fold/unfold)	mm (in)	2,490 / 3,205 (98 / 126)
Wheelbase L¹	mm (in)	3,700 (146)
Compaction width W	mm (in)	2,065 (81)
Tire size x Number of tires (Front/Rear)		9.00 - 20 - 10PR (OR) x 4 / 9.00 - 20 - 10PR (OR) x 5
Inflation (each wheel)	kPa (psi)	525 (76.1)
Overlap	mm (in)	35 (1.4)
Ground clearance (with ballast/without ballast)	mm (in)	225 / 295 (9 / 12)
Curb clearance	mm (in)	∞
Side clearance	mm (in)	0
ENGINE		
Make		ISUZU
Model		BB-6BG1
Power transmission type		Diesel, water-cooled, 4-cycle, direct injection type
Engine emission standard		Japan stage II : equivalent
Displacement	L (cu.in.)	6,494 (396.3)
Rated output	kW (HP)/min ⁻¹	70.5 (95) / 1,800
Electric system battery	V (V/Ah Qty)	24 (12 / 100 x 2)
Electric system alternator	V/A	24 / 25
DRIVE SYSTEM		
Transmission		Mechanical transmission
Differential type		Auto lock type
Drive wheel		Rear wheels
BRAKE SYSTEM		
Service brake		Hydraulic, internal expanding type / Brake pedal
Parking brake		Mechanical, internal expanding type / Side lever
STEERING SYSTEM		
Power transmission type		Hydraulic
Articulation/Oscillation angle	± (°)	38 / 6.0
FLUID CAPACITY		
Fuel tank	L (gal)	95 (25.1)
Hydraulic tank	L (gal)	7 (1.8)
Sprinkler tank	L (gal)	4,500 (1,188.8)
Liquid tank	L (gal)	19 (5.02) option
METAL BALLAST	kg (lbs)	2,000 (4,410)

● Specified figures have a tolerance of ±5%.

● All specifications may be changed without notice.

● Specified figures are in SI Units, followed by their equivalent in English units of measurement in parentheses.

● Max. operating weight : Fuel=100%, Water=100%, Operator=75 kg

● Operating weight : Fuel=50%, water=50%, operator=75 kg

● The photos may contain optional equipment and/or attachment.

※ Engine meets EPA Tier 2 standards.

※ Using low quality fuel may cause engine failure.

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Standard Equipment:

- Instrument
- Gauges
- Back up alarm
- Horn
- AWNING
- Sliding seat
- Head light
- Working light
- Turn signal lamp
- Mirrors
- Pressurized water sprinkler system
- METAL BALLAST (2t)
- Intermittent water spray timer
- 4 points lifting
- Cocomat

Optional Equipment:

- Deluxe seat
- Rotary lamp
- Road sprinkler system
- Release agent spray system