

SAKAI®

TS200 T2



TS200
(9 wheels / standard tire)



T2
(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 (TS200 : 35mm, T2 : 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.



Option
Cabin with air conditioner

**SERVICE
HOTLINE**

If you need any technical or service parts support on our products, please contact this web page.

www.sakainet.co.jp/english/

TYPE		Static Pneumatic Tired Roller	
MODEL		TS200	T2
CHASSIS MODEL		6TS10	6T5
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)
PERFORMANCE	Load on rear axle (with operating weight)	kg (lbs)	6,480 (14,285)
	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)
Overall width W		mm (in)	2,065 (81)
Overall height H (fold/unfold)		mm (in)	2,490 / 3,205 (98 / 126)
Wheelbase L ¹		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 x 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 (option)	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.

* Using low quality fuel may cause engine failure.

Standard Equipment :

Instrument Gauges Back up alarm Horn AWNING
Sliding seat Head light Working light Turn signal lamp
Mirrors Pressurized water sprinkler system
Intermittent water spray timer Release agent spray system (T2)
4 points lifting

Optional Equipment :

Cabin with air conditioner Cocomat Rotary lamp
Road sprinkler system Release agent spray system (TS200)
METAL BALLAST (2t)



SAKAI HEAVY INDUSTRIES, LTD. obtain the certification of quality management system ISO9001.



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