

SAKAI®

TS160-4

Static Pneumatic Tire Roller (3-Ton Class)

Achieves a smooth, uniform mat and tightens joints while finish rolling. Suitable for smaller jobs such as driveways, parking lots, light chip seal duty, and municipal paving.

Key Specifications

- 21 hp (15.6 kW) Kubota D1105 diesel
- 6,515 lbs (2,955 kg) 3-ton class
- 51" (1,300 mm) compaction width (7-tires)
- 43.6 gal (165 L) water tank
- 2.6 gal (10 L) release agent tank

Features

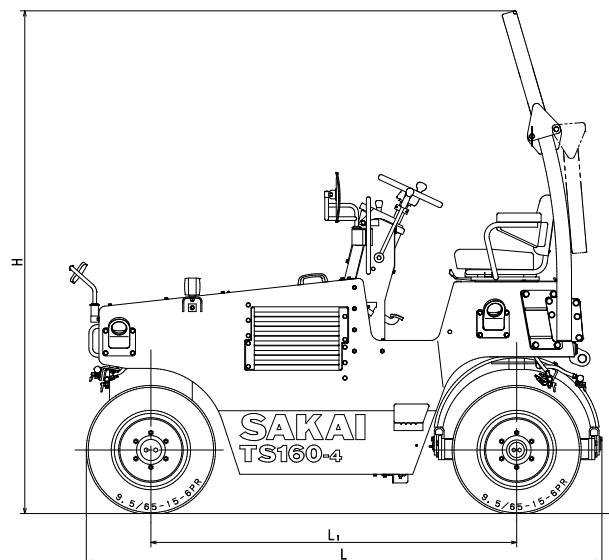
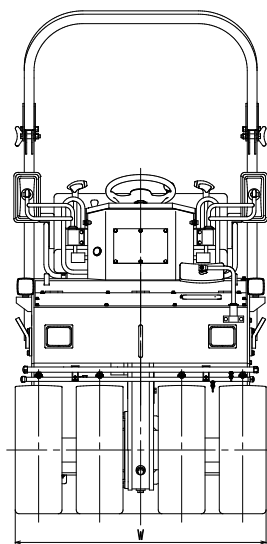
- Triple-filtered water system w/ timer
- All-metal spray nozzles and bars: no plastic!
- Comfortable wide bench seat
- Specially-designed "superflat" tires
- 12V outlet for charging devices
- Safety: folding ROPS, seatbelt, emergency foot-brake

Benefits

- No DPF, No DEF, No ECM. Mechanical diesel = simplified maintenance
- Simple analog controls: no failure-prone touch screens or multi-function panels
- Rear steering provides superior maneuverability in tight spaces and around curves
- Exceptional operating visibility via wide bench seat w/ ambidextrous FNR levers
- Industry-leading 3 year / 3,000 hour warranty
- Quality-built in Japan and fully-backed by USA-based support/parts in Georgia



TS160-4



TYPE			Static Pneumatic Tire Roller	
MODEL			TS160-4	
CHASSIS MODEL			1TS14	
WEIGHTS	Max.operating weight (with ROPS)	kg(lbs)	3,050 (6,725)	
	Operating weight (with ROPS)	kg(lbs)	2,955 (6,515)	
	Load on front axle (with Operating weight)	kg(lbs)	1,705 (3,760)	
	Load on rear axle (with Operating weight)	kg(lbs)	1,250 (2,755)	
PERFORMANCE	Number of speed shifts		1	
	Speed range (L / H)	km/h(mph)	0-10.5 (0-6.5)	
	Gradeability	%(°)	47(25)	
	Turning radius compacted surface	m(in)	Inside: 2.4 (95) Outside: 4.1 (162)	
DIMENSIONS	Overall length L	mm(in)	2,675 (105)	
	Overall length W	mm(in)	1,300 (51)	
	Overall height (without ROPS)	mm(in)	1,760 (69)	
	Overall height (with ROPS) H	mm(in)	2,615 (103)	
	Wheelbase L'	mm(in)	1,900 (75)	
	Compaction width W	mm(in)	1,300 (51)	
	Tire size × Number of tires	mm(in)	Front: 9.5 / 65 - 15 - 6PR (OR) × 4 Rear: 9.5 / 65 - 15 - 6PR (OR) × 3	
	Inflation (each wheel)	kPa (psi)	300 (43.5)	
	Ground clearance	mm(in)	160 (6)	
	Curb clearance	mm(in)	∞(∞)	
	Side clearance	mm(in)	0 (0)	
			KUBOTA	
ENGINE	Make		D1105 - E4B	
	Model		EPA Tier 4	
	EPA emission standard		Diesel, water cooled, 4 cycle, 3 cylinder	
	Type		1.123 (68.5)	
	Displacement	L(cu.in)	15.6 (21) / 2,400	
	Rated output	kW(HP)/min-1	12V (12V / 72×1)	
	Electric system battery	V(V/Ah×Qty)	12V / 60A	
	Electric system alternator	V/A	Hydrostatic	
DRIVE SYSTEM	Power transmission type		Front wheels	
	Drive wheel		Dynamic braking through hydrostatic drive system / F-N-R lever	
BRAKE SYSTEM	Service brake		Hydrostatic + Spring applied hydraulically released type(SAHR) / Brake pedal	
	Secondary brake (Emergency brake)		SAHR / Panel button	
	Parking brake		Hydraulic	
STEERING SYSTEM	Power transmission type		32 / 5.5	
	Articulation / Oscillating angle	±(°)	36 (9.5)	
FLUID CAPACITY	Fuel tank	L(gal)	39 (10.3)	
	Hydraulic oil tank	L(gal)	165 (43.6)	
	Water sprinkler tank	L(gal)	10 (2.6)	
	Release agent tank	L(gal)		

- Specified figures have a tolerance of ±5%.
- All specifications may be changed without notice.
- Specified figures are in SI Units with English units in parentheses.
- Max. operating weight : Fuel=100%, Water=100%, Operator=75kg
- Operating weight : Fuel=50%, Water=50%, Operator=75kg
- Photos may contain optional equipment and/or attachment.

- Optional equipment
- Coco Mats
 - Strobe
 - LED Lighting
 - Canopy