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Sakai Optional Equipment

All Case Optional Equipment is available at a minimum 6% Discount
Additional discounts are available; please contact Jimmy Hicklin for additional information
jhicklin@hillsmachinery.com
803-658-0200

Make	Model	List Price	Discount
Sakai	GW754	$300,165.00	6%

SAKAI®

GW754

GW754

World's First and Only Vibratory Pneumatic-Tire Roller

A 9 ton vibratory pneumatic-tire roller equals or exceeds the compaction results of a 25 ton heavy pneumatic tire roller.

Versatility with compact size and high compaction performance

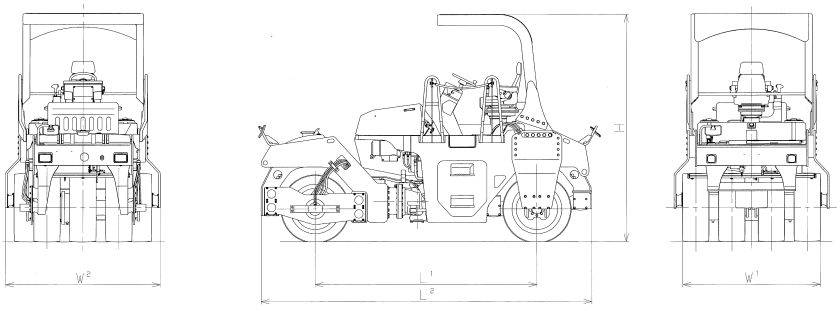
Improves compaction quality and efficiency
- Dynamic kneeding action produces more uniform compaction from top to bottom of the pavement layer
- Versatility on both large and small projects for tight and dense longitudinal joints, hot mix asphalt(HMA), aggregate base, roller compacted concrete and warm-mix and cold-mix, etc.
- Maneuverable in tight spaces on city streets, parking lots and cul-de-sacs by center-pin articulated steering
- All wheel drive system to minimize shoving of HMA mix

High safety standards & Operator comfort
- 39 inches of visibility to the front and rear from operator seat
- Emergency brake pedal is standard
- 3 inch retractable seat belt
- Multi - position operator station (MPOS) (5 positions)
- 180°easy rotating operator console with a cup holder

Cost saving
- Savings in trucking and fuel costs with lighter weight and efficiency compaction

Options shown. Contact your dealer for details.

GW754



TYPE			**Vibratory Pneumatic-Tire Roller**
MODEL			**GW754**
CHASSIS MODEL			**1GW4**
WEIGHTS	Max. operating weight with ROPS	kg (lbs)	9,270 (20,435)
	Operating weight with ROPS	kg (lbs)	8,850 (19,510)
	Load on front axle - operating weight with ROPS	kg (lbs)	3,680 (8,115)
	Load on rear axle - operating weight with ROPS	kg (lbs)	5,170 (11,395)
PERFORMANCE	Centrifugal force (Front 1 / 2 / 3 / 4)	kN (lbs) [kgf]	6 / 19 / 32 / 45 (1,350 / 4,270 / 7,195 / 10,115) [610 / 1,940 / 3,265 / 4,590]
	Centrifugal force (Rear 1 / 2 / 3 / 4)	kN (lbs) [kgf]	8 / 25 / 42 / 58 (1,800 / 5,620 / 9,440 / 13,040) [815 / 2,550 / 4,280 / 5,915]
	Frequency	Hz (vpm)	40 (2,400)
	Amplitude	mm (in)	0.10 / 0.31 / 0.53 / 0.74 (0.004 / 0.012 / 0.021 / 0.029)
	Number of speed shifts		2
	Speed range (L / H)	km/h (mph)	0-6 / 0-12 (0-3.7 / 0-7.5)
	Gradeability	% (°)	37 (20)
	Turning radius compacted surface (inside / outside)	m (in)	3.8 / 5.7 (150 / 225)
DIMENSIONS	Overall length L^2	mm (in)	4,695 (185)
	Overall width W^2	mm (in)	2,200 (87)
	Overall height (without ROPS)	mm (in)	2,390 (94)
	Overall height (with ROPS) H	mm (in)	3,225 (127)
	Wheelbase L^1	mm (in)	3,150 (124)
	Compaction width W^1	mm (in)	1,950 (77)
	Tire size x Number of tires (Front / Rear)		14/70-20-12PR × 3 / 14/70-20-12PR × 4
	Inflation (each wheels)	kPa(psi)	441 (63.9)
	Ground clearance	mm (in)	275 (10.8)
	Curb clearance	mm (in)	244 (9.7)
	Side clearance	mm (in)	125 (5)
ENGINE	Make		KUBOTA
	Model		V3800-CR-TI-EV03
	EPA emission standard		EPA Tier 4
	Type		Diesel, water cooled, 4 cycle, 4 cylinder, with turbo charger
	Displacement	L (cu.in)	3.769 (230.0)
	Rated output	kW (HP) /min-1	81.8 (110) / 2,400
	Electric system battery	V (V/CCA x Qty)	12 (12 / 750 x 2)
	Electric system alternator	V/A	12 / 80
DRIVE SYSTEM	Power transmission type		Hydrostatic
	Drive wheel		All wheel
VIBRATION SYSTEM	Power transmission type		Hydraulic
	Number of amplitude		4
	Vibrator type		Variable eccentric shaft
BRAKE SYSTEM	Service brake		Dynamic brake through hydrostatic drive system / F-N-R lever
	Secondary brake(Emergency brake)		Hydrostatic + Spring applied hydraulically released type(SAHR) / Brake pedal
	Parking brake		SAHR / Panel button
STEERING SYSTEM	Power transmission type		Hydraulic
	Articulation / Oscillating angle	± (°)	36.7 / 6.5
FLUID CAPACITY	Fuel tank	L (gal)	130 (34.3)
	Hydraulic oil tank	L (gal)	90 (23.8)
	Water sprinkler tank (Front / Rear)	L (gal)	280 (74) / 450 (118.9)
	DEF tank	L (gal)	20 (5.3)

- 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=75kg
- Operating weight : Fuel=50%, Water=50%, Operator=75kg
- The photos may contain optional equipment and/or attachment.

Optional equipment
- Work lights
- Rotary beacon
- Cocoa mat
- Skirt kit
- Temp. sensor

SAKAI
MASTERS OF COMPACTION

SAKAI AMERICA, INC.
(800) 323-0535
90 INTERNATIONAL PARKWAY, ADAIRSVILLE, GEORGIA 30103

SAKAI®

SW774

Series

Asphalt Roller

Oscillatory/Vibratory Tandem Rollers

SW774 & 774ND

High frequency vibratory asphalt rollers are literally the fastest rollers available, featuring a high frequency of over 4,000 vpm. Designed to beat the tender zone on superpave and other perpetual pavement mixes.

Best Compaction Quality and Efficiency

- Frequency and amplitude modes can be switched from the seat
- Cross-mounted drive and vibration motors help maintain even weight distribution
- Counter rotation of eccentric weights in the drums cancel horizontal force
- Timer, auto or constant operated water spray system
- Osc achieves density on no-vibe jobs where structural integrity is of concern.

Operator Comfort

- Multi-position operator station (MPOS) (5 positions)
- 180º easy rotating operator console
- Excellent drum edge visibility from the operator seat

High Safety Standard

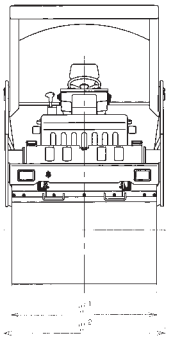
- Sakai proprietary emergency brake pedal which kills the engine and stops the machine instantly.
- 3 inch retractable seat belt
- 39 inches of visibility to the front and rear from the operators seat
- SAHR (spring applied - hydraulic released) brake

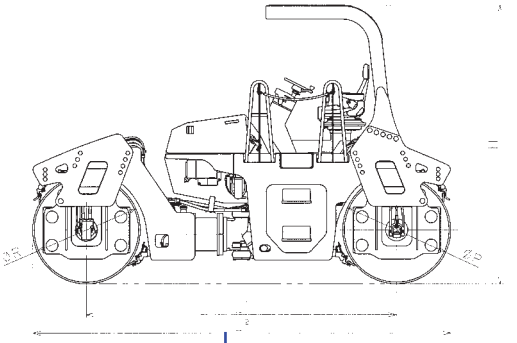
Easy Maintenance

- Sprinkler system with plastic water tanks, triple-filtration, removable brass nozzles for ease of maintenance with excellent draining winterization
- Easy ground level access to all check and maintenance points
- Long life drum isolators
- Gear drive Osc/Vibe system (no belts)

Options shown. Contact your dealer for details.

SW774 Series





MODEL			SW774	SW774ND
WEIGHTS	Max. operating weight with ROPS	kg (lbs)	10,475 (23,095)	11,005 (24,260)
	Operating weight with ROPS	kg (lbs)	10,020 (22,090)	10,555 (23,270)
	Load on front axle - operating weight with ROPS	kg (lbs)	4,720 (10,405)	4,990 (11,000)
	Load on rear axle - operating weight with ROPS	kg (lbs)	5,300 (11,685)	5,565 (12,270)
PERFORMANCE	Centrifugal force	kN(lbs)	Low : 103 / 58 / 43 (23,155 / 13,040 / 9,665) Hi : 97 / 71 (21,805 / 15,960)	Vibe : 112 (25,180) Osci : 137 (30,800)
	Frequency	Hz(vpm)	Low : 66.7 / 50.0 / 41.7 (4,000 / 3,000 / 2,500) Hi : 50.0 / 41.7 (3,000 / 2,500)	Vibe : 50 (3,000) Osci : 50 (3,000)
	Amplitude	mm(in)	0.30 / 0.50 (0.012 / 0.020)	Vibe : 0.50 (0.020) Osci : 0.61 (0.024)
	Dynamic linear pressure for front drum - operating weight with ROPS	N/cm(lb/in)	Low : 889 / 621 / 531 (507 / 354 / 303) Hi : 853 / 698 (487 / 399)	Vibe : 958 (547)
	Dynamic linear pressure for rear drum - operating weight with ROPS	N/cm(lb/in)	Low : 922 / 655 / 565 (527 / 374 / 323) Hi : 887 / 732 (506 / 418)	Vibe : 992 (566)
	Number of speed shift		1	1
	Speed range (L / H)	km/h(mph)	0 - 12 (0 - 7.5)	0 - 12 (0 - 7.5)
	Gradeability	%(°)	32 (17)	30 (16)
	Turning radius compacted surface (inside / outside)	m(in)	4.6 / 6.3 (182/249)	4.6 / 6.3 (182/249)
DIMENSIONS	Overall length L^2	mm (in)	4,850 (191)	
	Overall width W^2	mm (in)	1,870 (74)	
	Overall height (without ROPS)	mm (in)	2,390 (94)	
	Overall height (with ROPS) H	mm (in)	3,225 (127)	
	Wheelbase L^1	mm (in)	3,600 (142)	
	Compaction width W^1	mm (in)	1,680 (66)	
	Drum width W^1 / Drum diameter (outer)	mm (in)	1,680 / 1,250 (66 / 49)	
	Shell thickness	mm (in)	19 (0.75)	
	Ground clearance	mm (in)	275 (10.8)	
	Curb clearance	mm (in)	900 (35.5)	
	Side clearance	mm (in)	95 (3.8)	
ENGINE	Make		KUBOTA	
	Model		V3800-CR-TI-EV03	
	EPA emission standard		EPA Tier 4	
	Type		Diesel, water cooled, 4 cycle, 4 cylinder, with turbo charger	
	Displacement	L (cu.in)	3.769 (230.0)	
	Rated output	kW (HP) / min-1	81.8 (110) / 2,400	
	Electric system battery	V (V/CCA×Qty)	12(12 / 750×2)	
	Electric system alternator	V/A	12 / 80	
DRIVE SYSTEM	Power transmission type		Hydrostatic	
	Drive wheel		All wheel (2 drums)	
VIBRATION SYSTEM	Power transmission type		Hydraulic	
	Number of amplitude		2	
	Vibrator type		Single eccentric shafts	Double eccentric shafts
BRAKE SYSTEM	Service brake		Dynamic braking through hydrostatic drive system / F-N-R lever	
	Secondary brake(Emergency brake)		Hydrostatic + Spring applied hydraulically released type (SAHR) / Brake pedal	
	Parking brake		SAHR / Panel button	
STEERING SYSTEM	Power transmission type		Hydraulic	
	Articulation / Oscillating angle	± (°)	36.7 / 6.5	
FLUID CAPACITY	Fuel tank	L (gal)	186 (49.1)	
	Hydraulic oil tank	L (gal)	90 (23.8)	
	Water sprinkler tank	L (gal)	300 + 450 (79.3 + 118.9)	
	DEF tank	L (gal)	20 (5.3)	

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- Operating weight : Fuel=50%, Water=50%, Operator=75kg
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Optional equipment
- Exact Compact Meter
- LED working lights
- LED Drum light kit
- Coco mats
- Rotary beacon

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