

Specifications Sheet – SAKAI SW250

Features

- Achieve the same compaction effects with all models while contractor has a choice of the most appropriate drum size.
- Despite their compact appearance, the SW/TW200, SW/TW230 and SW/TW250 offer the same features as SAKAI's larger size models:
 - A single lever operated, fully hydrostatic, all drum drive
 - Both drums vibrate (with off/manual/auto mode selector)
 - Centre-articulated steering mechanism
 - Rust-free and pressurized water sprinkler system
 - Neutral engine start and fail-safe brake system
 - Vibration free operator platform and low operating noise
 - Easy-to-monitor instruments (gauges and warning lamps)
 - Lights and mirror are standard equipment
- The hydraulic pump and motors are connected in series to offer the maximum traction and smooth rolling as well as excellent gradability.
- The drum edges are well observed from operator station and such design features as small side overhang and large curb clearance facilitate stress-free operation near curbs or in confined areas.
- Safety is further increased by their low centre of gravity design.
- Flip-open engine hood provides easy accessibility to engine and components for daily maintenance and service.

*Specifications are subject to change without notice.				
		TANDEM TYPE		
		SW200	SW230	SW250
WIGHTS				
Operating weight	kgf(lbs)	1,330(2,930)	1,480(3,260)	1,550(3,420)
Load on front	kgf(lbs)	690(1,520)	760(1,675)	800(1,765)
Load on rear	kgf(lbs)	640(1,410)	720(1,585)	750(1,655)
DIMENSIONS				
Overall length	A mm(in)	2,020(80)		
Overall width	B mm(in)	915(36)	1,015(40)	1,115(44)
Overall height	C mm(in)	1,485(58)		
Wheelbase	D mm(in)	1,320(52)		
Rolling width	E mm(in)	800(31.5)	900(35.5)	1,000(39.5)
Drum dia.	F mm(in)	560(22.0)		
Curb clearance	G mm(in)	415(16.3)		
Ground clearance	H mm(in)	230(9.1)		

SPEED(Forward & Reverse)				
Low/High	km/h (mph)	0 - 5(0 - 3.1)		
VIBRATING POWER				
Frequency	Hz	52.5		
Centrifugal force	kN (lbs)	6.6(1,485)	8.2(1,845)	9.2(2,070)
MINIMUM TURNING RADIUS				
(outer)	m(in)	3.1(122)	3.1(122)	3.2(126)
GRADABILITY	%(deg.)	36(20)		
ENGINE				
Model		Yanmar"3TNV70" Diesel Engine		
Type		Water-cooled, 4-cycle		
Displacement	liter(cu.in.)	0.854(52.1)		
Rated output	kW(HP)/min ⁻¹	11.5(15.4)/2,400		
Battery		12V		
POWER LINE				
Transmission Type		Hydrostatic transmission		
VIBRATING SYSTEM				
Transmission		Hydrostatic transmission		
Vibrator		Eccentric shaft type		
BRAKE SYSTEM				
Service brake		Mechanical and mechanical, multi-wet disc type		
Parking brake		Mechanical , multi-wet disc type		
STEERING SYSTEM		Hydraulic type (Articulated type)		
ROLLS				
Use	Front roll	Vibrate & Drive		
	Rear roll	Vibtate & Drive		
Suspension system	Front	Rubber damper type		
	Rear	Rubber damper type		
WATER SPRINKLER SYSTEM		Pressurized type		
FLUID CAPACITY				
Fuel tank	liter(gal)	15(4.0)		
Hydraulic oil tank	liter(gal)	40(10.6)		
Sprinkler tank	liter(gal)	80(21.1)		

