

ZX210F-3

ZAXIS | DASH-3 FORESTERS

PROCESSOR

Engine		ZX210F-3	
Manufacturer and Model	Isuzu AI-4HKIX		
Non-Road Emissions Standards	Certified to EPA Tier-3 emissions		
Net Rated Power (ISO 9249)	164 kW (122 hp) @ 2,000 rpm		
Cylinders	4		
Displacement	5.1 L (317 cu. in.)		
Off-Level Capacity	70% (35 deg.)		
Aspiration	Turbocharged, air-to-air charge-air cooler		
Cooling			
Direct drive with mechanically reversing option, high efficiency, low noise, suction type			
Engine Coolant Rating	-37 °C (-34 °F)		
Powertrain			
2-speed propel with automatic shift			
Maximum Travel Speed			
Low	3.2 km/h (2.0 mph)		
High	5.1 km/h (3.2 mph)		
Controls	Pilot levers, low-effort, hydraulic pilot controls with shutoff lever		
Hydraulics			
Open center, load sensing			
Main Pumps	2 variable-displacement axial-piston pumps		
Maximum Rated Flow	212 L/m (56 gpm) x 2		
Pilot Pump	One gear		
Maximum Rated Flow	30 L/m (7.9 gpm)		
Pressure Setting	3999 kPa (580 psi)		
System Operating Pressure			
Circuits			
Implement	34 336 kPa (4,980 psi)		
Travel	34 336 kPa (4,980 psi)		
Swing	34 336 kPa (4,980 psi)		
Power Boost	36 335 kPa (5,270 psi)		
Auxiliary Hydraulic-Flow Adjustable Through Monitor			
Cylinders			
Heat treated, chrome-plated, polished cylinder rods, hardened steel (replaceable bushings) pivot pins			
	Bore	Rod Diameter	Stroke
Boom (2)	120 mm (4.7 in.)	85 mm (3.35 in.)	1260 mm (49.6 in.)
Arm (1)	135 mm (5.3 in.)	95 mm (3.74 in.)	1475 mm (58.1 in.)
Electrical			
Voltage	24 volt		
Number of Batteries (12 volt)	2		
Battery Capacity	440 minutes		
Alternator Rating	80 amp		
Work Lights	None		
Undercarriage			
Rollers (each side)			
Carrier	2		
Track	8		
Shoes (each side)	48		
Drawbar Pull	22 634 kg (49,900 lb.)		
Track			
Adjustment	Hydraulic		
Guides	Center		
Chain	Sealed and lubricated		

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Upperstructure	ZX210F-3
Counterweight, Standard	4000 kg (8,818 lb.)
Ground Pressure	
700-mm (28 in.) Double-Grouser Shoes	49 kPa (7.16 psi)
Swing Mechanism	
Swing Speed	12.6 rpm
Swing Torque	74 606 Nm (54,857 lb.-ft.)
Serviceability	
Side by side coolers with external debris protection, Centralized Lube Banks, and "O" Ring Face Seal Connectors on most hydraulic hoses, Diagnostics Machine Information Center (MIC), Computerized In-Cab Monitor Information, and Fluid Sampling Ports.	
Fluid Change Interval	
Engine Oil	500 hours
Hydraulic Oil	5,000 hours
Filters	
Vertically mounted (except Return)	
Engine Oil Filter, Remote Mounted	500 hours
Fuel Filter, Remote Mounted	500 hours
Hydraulic Filter	2,000 hours
Return Oil Filter, Filtration	10 microns
Sight Gauges: Hydraulic Reservoir, Engine-Oil Sampling Valve	
Refill Capacities	
Fuel Tank	1049 L (277 gal.)
Cooling System	26 L (6.9 gal.)
Engine Oil with Filter	23 L (6 gal.)
Hydraulic Tank	136 L (36 gal.)
Hydraulic System	244 L (64.5 gal.)
Gearbox	
Swing	6 L (6.5 qt.)
Travel (each)	7 L (7.5 qt.)
Pump Drive	1 L (1.1 qt.)