

STEELBRO SERVICE PROGRAM

SERIAL No;.....

DATE:.....

No	SERVICE INTERVAL SERVICE ITEM	MONTHS	3		NOTES
		HOURS	100		

ENGINE				
E2	Check / Change engine oil		I	
E3	Cleaning / Replace of air cleaner element		C	
E4	Cleaning / Replace fuel filter		C	
E5	Check battery electrolyte level		I	
E6	Check / Replace radiators hoses and clamp bands		I	
E7	Replace oil filter cartridge			
E8	Check / Replace intake air line			
E9	Clean sediment out of fuel tank			
E10	Check / Replace fuel line		I	
E11	Check / Change radiator coolant		I	
E12	Check / Replace fan belt		I	
E13	Check valve clearance			
E14	Check fuel injection nozzle injection pressure			
E15	Check injection pump			
E16	Replace battery			
E17	Check / Replace fuel pipes and clamp bands		I	
E18	Check exhaust and manifold bolts for security		T	
E19	Check engine throttle / stop		T	
E20	Check engine speed is set correctly			
E21	Check stop system is functions correctly		I	
E22	Check all engine mounting bolts			
HYDRAULIC SYSTEM				
H1	Change high pressure filter		I	
H2	Change hydraulic return filter		I	
H3	Check / Change hydraulic oil		I	
H4	Clean / Change hydraulic breather cap filter		C	
H5	Check hydraulic hose and tube fittings		T	
H6	Check all tube clamps are secure		I	
H7	Check / Record system pressures (Adjust if required)		lk	
H8	Check cylinder valves for leaks or replace O rings		I	
H9	Check / Replace overcenter check valve cap screws			
H10	Check Danfoss valves for oil leaks		I	
H11				
H12	Check overcenter cartridge lock nuts are tight		T	
H13	Record high speed times of top and bottom arms			
H14	Check hydraulic motors for leaks		I	
H15	Check for any damaged hydraulic tubes (Replace as required)		I	
H16	Check all hoses for wear or damage		I	
H17	Check cylinder case or rod for any damage or leaks		I	
H18	Check PTO mounting bolts and prop shaft		I	
H19	Check PTO mountings and couplings		I / C	
H20	Check pump drive coupling (Power pack)			

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STRUCTURE					
S1	Check G pins for wear and movement				
S2	Check all bushes for wear				
S3	Check all pin keepers		I		
S4	Check all crane base bash plates for damage		I		
S5	Check / Strengthen off side bash plate		I		
S6	Check all arm / legs and crane bases for cracks		I		
S7	Clean chassis top flange surface		C		
S8	Check load transfer clearance and torque bolts		T		
S9	Check all hose guide systems for damage and location		I		
S10	Check twistlocks		I		
S11	Check hammer locks and lifting lugs		I		
S12	Check all crane base lock position on chassis for damage o		I		
S13	Check center beam slides for foot clearance		I		
S14	Check center beam slide stops		I		
S15	Check center beam slide chains and eye bolts		I		
S16	Check crane base guide angles for bends and cracks		I		
S17	Check nylon track aluminum is torque to chassis		T		
S18	Check nylon track is tight / and not damaged		T		
S19	Check linklocks for damage or wear		I		
S20	Check chassis for cracks and distortion		I		
S21	Check king pin and rub plate		I		
S22	Grease crane base locks		G		
S23	Grease arms		Gi		
S24	Grease T/B locks		G		
S25	Grease landing legs		G		
SYSTEM TESTS AND ADJUSTMENTS					
A1	Check leg angle system		I		
A2	Check crane base locking system		I		
A3	Check timing and synchronization				
A4	Check radio remote settings				
A5	Check ignition stop for radio remote		I		
A6	Check safety system functions		I		
A7	Check optical sensor		I		
A8	Check system pressures		lo		
A9	Check E stops		I		
A10	Check rack and pinion adjustments		le		
A11	Check side guide clearance		I		
A12	Check load transfer clearance and wear pads		I		
A13	Check PVG 32 neutral points for coils				
A14	Check Sidelifter night light system		I		
A15	Check control cabinet gauges and lighting is working correc		I		
A16	Check all warning beepers		I		
A17	Check manual override system		I		
A18	Check steer axle system		I		
A19	Check lift axle system		I		
A20	Check lifting chains to be tested		I		
A21	Check T/B lock system		I		

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	ELECTRICAL SYSTEM				
EL1	Check case of remote box		I		
EL2	Check remote box leads and wire enters		I		
EL3	Check radio remote receiver for damage		I		
EL4	Check cables / plugs and Aerial connections for radio remote		I		
EL5	Check battery connection		I		
EL6	Check all relays and EHF's are fitting		I		
EL7	Check all terminal screws are tight				
EL8	Check all wiring terminations /plugs and connectors are secure and free of corrosion				
EL9	Check drain holes in junction boxes are clear of obstruction				
EL10	Check all junction boxes for seals and general condition		I		
EL11	Check all cable entrees		I		
EL12	Check all junction boxes are secure				
EL13	Check all cable for damage		I		
EL14	Check conduit for damage		I		
EL15	Check wiring is adequately secured		I		
EL16	Check fusible link on engine		I		
EL17	Check engine wiring for termination and condition				
EL18	Check engine earth wires to chassis		T		
	ABS SYSTEM CHECKS				
ABS1	Check brake chambers		I		
ABS2	Clean / Replace line filters		Cc		
ABS3	Check trailer air couplings		IC		
ABS4	Check test point are sealing correctly				
ABS5	Drain air tanks / clean drain plug		C		
ABS6	Check air tank mountings				
ABS7	Clean / Replace relay emergency valve filters in ports		S		
ABS8	Check all ABS wires are secure away from moving parts		I		
ABS9	Check all nylon air lines for damage		I		
ABS10	Check all brake hose for wear and tear		I		
ABS11	Check all hose clamps on brake hose		I		
ABS12	Check auto slacks for damage and all pins are located		I		
ABS13	Test for air leaks		I		
ABS14	System test				