

Service Programme

EW160E, EW180E, EW200E MH, EW220E, EW240E
MH, EWR150E, EWR170E

SERVICE PROGRAMME

Machine Model	Serial No.	Operating hours	Delivery Date	page 1(6)
Owner	Date	Dealer	Sign	

Valid for option / configuration

Option	Configuration
Engine	D4J EU Stage V, 8302891, 8302892
Engine	D4J US Tier 4 final, 8302895, 8302896
Engine	D4J US Tier 4 final, 8300934, 8301036
Engine	D4J EU Stage IV, 8295716, 8301035
Engine	D6J US Tier 4 final MY2017, 8300932, 8300933
Engine	D6J EU Stage V, 8302893, 8302894, 8306087
Engine	D6J EU Stage IV, 8294626, 8294627
Engine	D6J US Tier 4 final, 8302897, 8302898, 8306088
Engine	D6J US Tier 4 final, 8295755, 8297092

Valid for serial numbers

Model version	Serial number start	Serial number stop
EW160E	Konz 320015	Konz 321999
EW160E	Konz 322001	Konz 323564
EW180E	Konz 320014	Konz 321999
EW180E	Konz 322001	Konz 323269
EW200E MH	Konz 323011	Konz 323016
EW220E	Konz 320001	Konz 323078
EW240E MH	Konz 320001	Konz 323081
EWR150E	Konz 320016	Konz 321999
EWR150E	Konz 322001	Konz 323932
EWR170E	Konz 320001	Konz 323562



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Foreword

The Service Programme is a checklist of all scheduled maintenance intervals for a specific range of models under normal operating conditions. The scheduled maintenance intervals must be performed as specified in order to maintain the machine for maximum reliability and performance.

For any warranty to be valid, the machine has to be maintained according to this Service Programme. The completed Service Programmes must be kept on file.

Some maintenance steps may be performed by an operator unless otherwise specified in the Operator's Manual. All other maintenance steps must be performed by a qualified service technician.

Machines require initial one-time "First" maintenance. After this initial phase, the standard maintenance intervals listed must be followed.

The intervals are based on machine operating hours, and must be performed throughout the life of the machine. For example, the 1000 hour maintenance interval steps must be performed every 1000 operating hours.

At every maintenance interval, the previous applicable maintenance intervals must also be performed. For example, while performing the 1000 hour maintenance interval steps, the 500, 250, 50 and 10 hour maintenance steps must also be performed.

* Maintenance steps with varying intervals are marked with *. Refer to function group 160 of the Service Manual for more information.

NOTE!

Read and understand the safety instructions in the Operator's Manual and Service Information for the machine.

Maintenance steps	Intervals (hours)	Performed interval (hours)	Performed interval (months/years)
First maintenance		First	
Swing gearbox oil, changing (EW180E, EW220E, EW240E MH)	500	<input type="checkbox"/>	
Hydraulic oil return filter, replacing	500	<input type="checkbox"/>	
Hydraulic oil servo filter, replacing	500	<input type="checkbox"/>	
In-line hydraulic oil filter, cleaning	500	<input type="checkbox"/>	
Hydraulic oil drain filter, replacing	500	<input type="checkbox"/>	
Service history (included in the respective Operator's manual), fill in.	500	<input type="checkbox"/>	
Standard maintenance		Every	
Test running and checking	10	<input type="checkbox"/>	
Leakage, checking	10	<input type="checkbox"/>	
Hydraulic oil level, checking ^(a)	50	<input type="checkbox"/>	
Tyre wear and air pressure, checking	50	<input type="checkbox"/>	
Lubrication, every 50 hours	50	<input type="checkbox"/>	

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Maintenance steps	Intervals (hours)	Performed interval (hours)	Performed interval (months/years)
		<input type="checkbox"/>	<input type="checkbox"/>
Lubrication, every 100 hours	100	<input type="checkbox"/>	
Engine oil level, checking ^(a)	250	<input type="checkbox"/>	
Coolant level, checking ^(a)	250	<input type="checkbox"/>	
Drive axles and hubs oil level, checking ^(a)	250	<input type="checkbox"/>	
Travel gearbox oil level, checking ^(a)	250	<input type="checkbox"/>	
Swing gearbox oil level, checking ^(a) (EW180E, EW220E, EW240E MH)	250	<input type="checkbox"/>	
Cab prefilter, cleaning ^(a)	250	<input type="checkbox"/>	
Cab main filter, cleaning * ^(a)	500	<input type="checkbox"/>	
Lubrication, every 500 hours	500	<input type="checkbox"/>	
Swing ring gear lubrication, checking	500	<input type="checkbox"/>	
Trailer hitch, checking (optional equipment)	500	<input type="checkbox"/>	
Universal quick coupler, checking (optional equipment)	500	<input type="checkbox"/>	
Exhaust aftertreatment system regeneration status, checking	500	<input type="checkbox"/>	
Engine oil and filter, changing *	500	<input type="checkbox"/>	
Fuel filters, replacing	500	<input type="checkbox"/>	
Battery, checking	500	<input type="checkbox"/>	
Radiator, cleaning	500	<input type="checkbox"/>	
Air conditioner compressor belt, checking	500	<input type="checkbox"/>	
Service history (included in the respective Operator's manual), fill in.	500	<input type="checkbox"/>	
Engine belt tension, checking	1000	<input type="checkbox"/>	
Wheel nuts torque, checking	1000	<input type="checkbox"/>	
Brake pressure and function, checking	1000	<input type="checkbox"/>	
Brake disc wear, measuring <i>At least once a year.</i>	1000	<input type="checkbox"/>	<input type="checkbox"/>
Swing gearbox oil, changing (EW180E, EW220E, EW240E MH)	1000	<input type="checkbox"/>	
MATRIS and Tech Tool, reading	1000	<input type="checkbox"/>	
Software update, checking <i>At least once a year.</i>	1000	<input type="checkbox"/>	<input type="checkbox"/>

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Maintenance steps	Intervals (hours)	Performed interval (hours)	Performed interval (months/years)
		<input type="checkbox"/>	<input type="checkbox"/>
Service history (included in the respective Operator's manual), fill in.	1000	<input type="checkbox"/>	
Drive axles and hubs oil, changing *	2000	<input type="checkbox"/>	
Travel gearbox oil, changing <i>At least once a year.</i>	2000	<input type="checkbox"/>	<input type="checkbox"/>
Cab prefilter, replacing	2000	<input type="checkbox"/>	
Cab main filter, replacing *	2000	<input type="checkbox"/>	
Fuel tank breather filter, replacing	2000	<input type="checkbox"/>	
Hydraulic oil tank breather filter, replacing	2000	<input type="checkbox"/>	
Hydraulic oil return filter, replacing	2000	<input type="checkbox"/>	
Hydraulic oil servo filter, replacing	2000	<input type="checkbox"/>	
In-line hydraulic oil filter, cleaning	2000	<input type="checkbox"/>	
Hydraulic oil drain filter, replacing	2000	<input type="checkbox"/>	
Coolant mixture, checking <i>At least once a year.</i>	2000	<input type="checkbox"/>	<input type="checkbox"/>
Valves, adjusting	2000	<input type="checkbox"/>	
Boom suspension accumulator, checking (optional equipment) <i>At least once a year.</i> (EWR150E, EWR170E, EW160E, EW180E, EW220E)	2000	<input type="checkbox"/>	<input type="checkbox"/>
Boom dampening accumulator, checking <i>At least once a year.</i> (EW200E MH, EW240E MH)	2000	<input type="checkbox"/>	<input type="checkbox"/>
Engine air cleaner primary filter, replacing <i>At least once a year or when indicated.</i>	2000	<input type="checkbox"/>	<input type="checkbox"/>
Service history (included in the respective Operator's manual), fill in.	2000	<input type="checkbox"/>	
Engine air cleaner secondary filter, replacing <i>Replacing every third main filter is replaced or every 2 year.</i>	4000	<input type="checkbox"/>	<input type="checkbox"/>
AdBlue®/DEF tank breather filter, replacing <i>At least every 4th year.</i>	4000	<input type="checkbox"/>	<input type="checkbox"/>
Service history (included in the respective Operator's manual), fill in.	4000	<input type="checkbox"/>	
Hydraulic oil, changing *	5000	<input type="checkbox"/>	
Service history (included in the respective Operator's manual), fill in.	5000	<input type="checkbox"/>	

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Maintenance steps	Intervals (hours)	Performed interval (hours)	Performed interval (months/ years)
		<input type="checkbox"/>	<input type="checkbox"/>
AdBlue®/DEF pump unit filter, replacing	6000	<input type="checkbox"/>	
Coolant, changing <i>At least every 4th year.</i>	6000	<input type="checkbox"/>	<input type="checkbox"/>
Service history (included in the respective Operator's manual), fill in.	6000	<input type="checkbox"/>	
Diesel particulate filter, replacing	8000	<input type="checkbox"/>	
Service history (included in the respective Operator's manual), fill in.	8000	<input type="checkbox"/>	

a) Not necessary when performing changing/replacing.

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