



Powermix Service Schedule

Machine: Powermix	Model:	Serial #:
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SERVICE (Initial service 100 hours & yearly thereafter)

Change oil in planetary gearbox(es). Note: Oil will need to be pumped in with a hand pump.	
Check Planetary gearbox(es) for external damage or leaks	
Check gearbox oil reservoir for damage, leaks and oil level is correct (Middle of gauge)	
Change oil in 2 speed gearbox (If fitted)	
Check 2 speed for external damage or leaks	
Check operation of 2 speed gear change	
Grease all PTO shafts	
Check drive shafts for damage or wear	
Check shearbolt correct and tight.	

CHASSIS & DRAWBAR

Check chassis for general wear and tear	
Check towing eye for wear and fixings are tight. Grease towing eye	
Check drawbar for damage and fixings are tight	

AXLE AND WHEELS

Check axle and U bolts for damage, Grease all pivots and adjusters	
Check all tyres are to the correct pressure (See Ops Manual)	
Check wheel nuts are to the correct torque setting (See Ops Manual)	
Check brake adjustment	
Check handbrake is functioning correctly	
Check air brakes function correctly & free from leaks (If fitted)	
Check fixings on the tandem axle and examine for damage or wear	
Check the steering axle operates correctly and examine for damage or wear	

MIXING TUB AND AUGER

Check mixing auger(s) for wear on legs or flighting	
Check mixing auger tube for damage or wear	
Check anti rotation knives for damage or wear and operation	
Check main mixing tub for damage or wear	
Check door for wear or damage including runners and keep plates	
Check anti rotation knives for damage or wear and operation	

CONVEYOR SYSTEM

Check belt and rollers for damage or wear	
Check belt tension and adjust if required	
Check spring tensioner is free from damage and operating correctly	
Check belt drive motor for leaks and fixings are tight	
Check drive sprockets and chain for damage or wear	
Grease all rollers and bearings	

WEIGHING SYSTEM

Check weigh display for damage and test for correct function	
Check junction box, junction box cable and power cable for damage	
Check load cells fixings, mount fixings & cable for damage	

HYDRAULIC SYSTEM

Check system is fitted to a free flow return (Valve block fitment only)	
Check the operation of the Conveyor Drive both left & right	
Check the operation of the Conveyor Shuttle both left & right	
Check the operation of the Door both up and down	
Check the valve block for leaks or damage and all hoses are tight	
Check operation of hydraulic brake rams, for leaks and all hoses are tight	

ELECTRICAL SYSTEM

Check system is powered correctly from tractor and all connections are good	
Check electric control cables for damage or wear & all functions are operational	
Check wireless or wired hand controller is fully operational	
Check electric gear change is operational in both high & low gears (If fitted)	
Check light system is operational & all lights are working correctly	

REPORTED DEFECTS REQUIRING ATTENTION

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SIGNED:

PRINT:

DATE: