



Pre-Delivery Inspection



Customer / End-user:	Machine Model:
Address:	Machine S/N:
Distributor / Dealer	Screed (Model & S/N):
Performed by :	Date:
	Warranty Start Date:

General	Check	Comments	Lubrication Check list	Check	Comments
Paint Damages			Check for leakages		
Damaged Components			Engine Oil Level		
Missing Components			Hydraulic Oil Level		
Topcon Leveling System			Pump Drive Gearbox Oil Level		
Moba Leveling System			Left Conveyor Gearbox - Oil Level		
CD Operation Manual			Right Conveyor Gearbox - Oil Level		
Other optional equipment			Left Planetary Drive Gear Oil Level		
			Right Planetary Drive Gear Oil Level		
			Left Auger Gearbox Oil Level		
			Right Auger Gearbox Oil Level		
			Fuel Tank / Diesel Level		
			Engine Coolant Level		
Functionality	Check	Comments	DC Box / Frame Function Tests	Check	Comments
Start Engine			Warning Beacon		
Stop Engine			Road Lights		
Check for hydraulic leaks			Wash Down system Function		
Check for coolant leaks			24V Outlets Works		
Check for fuel leaks			Conveyor Tension Alignment		
Start Engine and allow it to run			Check that the left conveyor tension is correct		
Complete walk around to check for leaks			Check that the right conveyor tension is		
Check for faults on Console display			Locks / Shutdowns		
Confirm Left & Right console selection Works			Emergency shutdown functions - left console		
Confirm ON/OFF & auto/manual			Emergency shutdown functions - right console		
Confirm screed has manual locks engaged			Emergency shutdown functions - screed left		
Confirm screed locks switch is lit			Emergency shutdown functions - screed right		
LEFT CONSOLE FUNCTION TEST	Check	Comments	RIGHT CONSOLE FUNCTION TEST	Check	Comments
Hopper raise functions			Hopper raise functions		
Hopper lower functions			Hopper lower functions		
Auger raise functions			Auger raise functions		
Auger lower functions			Auger lower functions		
Screed raise functions			Screed raise functions		
Screed lower functions			Screed lower functions		
Screed float functions			Screed float functions		
Screed hydraulic lock functions			Screed hydraulic lock functions		
Tow point left raise functions					
Tow point left lower functions					
Tow point right raise functions					
Tow point right lower functions					
Auger left manual override functions			Auger left manual override functions		
Auger right manual override functions			Auger right manual override functions		
Conveyor left manual override functions			Conveyor left manual override functions		
Conveyor right manual override functions			Conveyor right manual override functions		
Screed extend left functions			Screed extend left functions		
Screed retract left functions			Screed retract left functions		
Screed extend right functions			Screed extend right functions		
Screed retract right functions			Screed retract left functions		
Vibration switch functions					
Work light switch functions					
Turn signal switch functions			Turn signal switch functions		
Truck hitch switch functions			Truck hitch switch functions		
Horn switch functions			Horn switch functions		
Parking Brake Switch Functions			Parking Brake Switch Functions		
Parking Brake LED Functions			Parking Brake LED Functions		
Left/Right Console Shift Switch/LED Functions					
FWA Switch Functions (W)			FWA Switch Functions (W)		



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Auger / Conveyor Automatics	Check	Comments		
Attach auger / conveyor sonic sensors & Calibrate as per procedure			Auger left manual override - right console	
Position all four speed dials to zero position			Auger left stop override - right console	
Auger/Conveyor ON/OFF Switch/LED			Auger right manual override - right console	
Automatic switch left console functions			Auger right stop override - right console	
Automatic switch right console functions			Conveyor left manual override - right console	
Auger left - Screed Box Dial - functions			Conveyor left stop override - right console	
Auger right - Screed Box Dial - functions			Conveyor right manual override - right console	
Conveyor left - Screed Box Dial - functions			Conveyor right stop override - right console	
Conveyor right - Screed Box Dial - functions			Auger left manual override - screed left Box &	
Auger left manual override - left console			Auger left stop override - screed left Box & Extension Box	
Auger left stop override - left console			Conveyor left manual override - screed left	
Auger right manual override - left console			Conveyor left stop override - screed left	
Auger right stop override - left console			Auger Right manual override - screed Right	
Conveyor left manual override - left console			Auger Right stop override - screed Right Box &	
Conveyor left stop override - left console			Conveyor right manual override - screed right	
Conveyor right manual override - left console			Conveyor right stop override - screed right	
Conveyor right stop override - left console				
Left Screed Console Function Tests			Right Screed Console Function Tests	
Auger left reverse			Auger right reverse	
Auger left reverse with automatics on			Auger right reverse with automatics on	
Moba manual/Auger & Conveyor Max speed			Moba manual/Auger & Conveyor Max speed	
Tow Point Raise/Lower Works			Tow Point Raise/Lower Works	
Horn Switch Functions			Horn Switch Functions	
Emergency Stop Switch Works			Emergency Stop Switch Works	
LH Extension Extends/Retracts switch functions			RH Extension Extends/Retracts switch	
LH Extension Height Raise/Lower works			RH Extension Height Raise/Lower works	
LH Extension Slope Raise/Lower Works			RH Extension Slope Raise/Lower Works	
			Screed Crown Switch Functions	
Left Screed Extension Control Box			Right Screed Extension Control Box	
Tow Point Raise/Lower Functions			Tow Point Raise/Lower Functions	
Auger manual Override/Stop Switch Functions			Auger manual Override/Stop Switch Functions	
Screed Extensions Functions			Screed Extensions Functions	
Right Screed Extension Control Box			Electric Screed Heat	
Tow Point Raise/Lower Functions			Screed heat switch functions	
Auger manual Override/Stop Switch Functions			Screed heater elements function	
Screed Extensions Functions			Check for Main AC Box GUCCI Breaker's	
Display Functions (LH & RH Display)			Gear Selection Tests (Off the Ground)	
Paver Model - 10' Track Paver			LH Console	
Display the Software Version while switch ON			Zero Gear Position FWD/REV	
No engine error messages while switching ON			1st Gear Position FWD/REV	
Language - English			2nd Gear Position FWD/REV	
Date Set properly			3rd Gear Position FWD	
Units Should be Imperial for all parameters			3rd Gear Position REV	
Fuel Gauge Displays			Counter Rotate Gear Position	
Engine RPM, Ground Speed, Engine Temp				
Hid Oil Temp and Engine Oil Level Displays.			RH Console	
Hour meter and Engine Torque Displays			Zero Gear Position FWD/REV	
No Notifications on the Warnings Page			1st Gear Position FWD/REV	
No Active Faults on the active Faults Page			2nd Gear Position FWD/REV	
			3rd Gear Position FWD	
			3rd Gear Position REV	
			Counter Rotate Gear Position	



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General Information			
Alternator Charging limits	Voltage	Time / Speed	Standard
Battery Voltage - Engine OFF	24 V	Hopper fully raise time (sec)	4 - 4.5
Bat. Voltage - Engine @ Idle, 1st, 2nd Gear	28 +/- 1 V	Hopper fully lower time (sec)	4.5 - 5
		Auger raise time (sec)	2.5 - 3.5
Pressures (Conduct the Test in 1st Gear)		Auger lower time (sec)	4 - 5
		Screed raise time (with screed attached) (sec)	5.5 - 6
Work Pump Stand by Pressure	430 +/- 10	Screed lower time (with screed attached) (sec)	3 - 4
Work Pump Compensator Pressure	3900 +/- 50	Tow point left raise time (sec)	9 - 10
Work Functions Pressure Test. (Conv. stall)	3000 +/-50	Tow point left lower time (sec)	11 - 12
LH Propel Pump Charge Pressure (neutral)	350 +/- 10	Tow point right raise time (sec)	9 - 10
RH Propel Pump Charge Pressure (neutral)	350 +/- 10	Tow point right lower time (sec)	11 - 12
LH Auger Pump Charge Pressure	300 +/- 10	Auger manual override speed (rpm) - left	155 +/- 5
RH Auger Pump Charge Pressure	300 +/- 10	Auger manual override speed (rpm) - right	155 +/- 5
Generator Pump Charge Pressure (when generator is not Loaded)	500 +/- 25	Conveyor manual override speed (Chain rev/min) - left	3
FWA/Steering Standby Pressure (W)		Conveyor manual override speed (Chain rev/min) - right	3
FWA/Steering Compensator Pressure (W)	3000 +/- 50	Screed LH Extension Time (Sec)	12 - 13
Left Rubber Tire Pressure (W)	32 +/- 1	Screed LH Retraction Time (Sec)	10 - 11
Right Rubber Tire Pressure (W)	32 +/- 1	Screed RH Extension Time (Sec)	12 - 13
		Screed RH Retraction Time (Sec)	10 - 11
Gear Selection Information		Screed temperature measurement. Keep	Standard Temp (F)
LH Console	Engine Paver Speed RPM	EZ-IV Screed Temperature - Wait 45 Min after switching ON the heaters	300 +/-30
Zero Gear Position FWD/REV	1200 0-85 fpm	EZ-R Screed Temperature - Wait 55 Min after switch ON the heaters	300 +/-30
1st Gear Position FWD/REV	1800 0-128 fpm		
2nd Gear Position FWD/REV	2000 0-280 fpm	Generator	Standard
3rd Gear Position FWD	1800 0-12.4 mph	Low idle - Generator speed (rpm)	1800 +/- 90
3rd Gear Position REV	1800 0-6.2 mph	Low idle Frequency (Hz)	60 +/- 3
Counter Rotate Gear Position	1800 0-75 fpm	Low idle voltage (V)	240 +/- 15
		1800 Engine RPM - Generator Speed (rpm)	1800 +/- 90
		1800 Engine RPM - Frequency (Hz)	
RH Console	Engine Paver Speed RPM		60 +/- 3
Zero Gear Position FWD/REV	1200 0-85 fpm	1800 Engine RPM - Voltage (V)	240 +/- 15
1st Gear Position FWD/REV	1800 0-128 fpm	2000 Engine RPM - Generator Speed (rpm)	1800 +/- 90
2nd Gear Position FWD/REV	2000 0-280 fpm	2000 Engine RPM - Frequency (Hz)	60 +/- 3
3rd Gear Position FWD	1800 0-12.4 mph	2000 Engine RPM - Voltage (V)	240 +/- 15
3rd Gear Position REV	1800 0-6.2 mph		
Counter Rotate Gear Position	1800 0-75 fpm		
Component	Volumes	Lubrication type	
Engine Oil	18.5 qt (17.5 L)	Engine Oil 15W-40 (API CI-4)	
Hydraulic Oil	50 gal (189.21 L)	Hydraulic oil multigrade ISO 46-68	
Pump Drive Gearbox Oil	1.4 gal (5.3 L)	Full synthetic oil 80W-140	
Conveyor Gearbox - Oil	1.58 qt (1.5 L)	Full synthetic oil 80W-140	
Planetary Drive Gear Oil	0.8 gal (3.0 L)	Full synthetic oil 80W-140	
Auger Gearbox Oil	2.64 qt (2.5 L)	Full synthetic oil 80W-140	
Fuel Tank	49 gal (185.43 L) Each	Diesel Fuel	
Engine Coolant Liquid	6.5 gal (24.6 L)	Engine Coolant 50:50 Mix	
Comments			