

RP-170e Paver Pre-Start Inspection Checklist



✔ Read and understand all operation and safety procedures in the operation manual.			
✔ Connect auger and conveyor wires to pump controls on new machine.			
✔ Remove parts kit from hopper area before starting a new machine.			
✔ Ensure paver decks are clear of tools and loose items.			
✔ Ensure steps and hand-holds are free of grease and oil.			
✔ Allow only trained personnel on the platforms and operator stations.			
✔ Perform a walk-around visual inspection for fluid leaks, excessive wear and damage.			
✔ Check fluid levels and check pressures using the checklist below.			
✔ Ensure the hydraulic tank is at 90% capacity.			
✔ Ensure all E-stops are set to RUN.			
✔ Ensure battery disconnect switches are ON.			
✔ Ensure both brake switches are ON.			
✔ Ensure all feeder switches are OFF.			
✔ Test operation of hopper sides, screed lift and hydraulic extensions.			
✔ Start engine and listen for unusual noises or vibrations.			
✔ Ensure total visibility. Check that mirrors are mounted and positioned properly.			
✔ Ensure all personnel are clear of machine and drive-off zone.			
✔ Operate machine in the ambient temperature range of 125 °F — -10 °F (51.6 °C - -23.3 °C). Operate machine fluids in the temperature range of 221 °F — -10 °F (104 °C - -23.3 °C).			
Fluid Requirements			
Engine Oil	18.5 qt.	17.5 liters	
Coolant	8.75 gal.	33 liters	
Hydraulic Tank	66 gal.	250 liters	
DEF Fluid	5 gal.	19 liters	
Fuel	81 gal.	307 liters	
Pressure Settings			
Tires			
Tire Pressure	32 psi	221 kPa	
Drive Pump			
Charge	350 psi	2413 kPa	
Relief	4700 psi	32,405 kPa	
Conveyor Pump			
Charge	320 psi	2206 kPa	
Relief	4600 psi	31,716 kPa	
Generator Pump			
Aux Pressure	2400 psi	16,547 kPa	
Aux with FWA	2500 psi	17,237 kPa	
Screed Boost/Assist.	400 psi	2758 kPa	
2 Speed & Park Brake	500 psi	3447 kPa	
Truck Hitch	800 psi	5516 kPa	