

SPECIFICATION CHARTS

The specifications provided in this section include weights, dimensions, performance, and torque values for both metric and standard inch fastener.

CAUTION Replace original equipment only with components approved by your LeeBoy dealer.

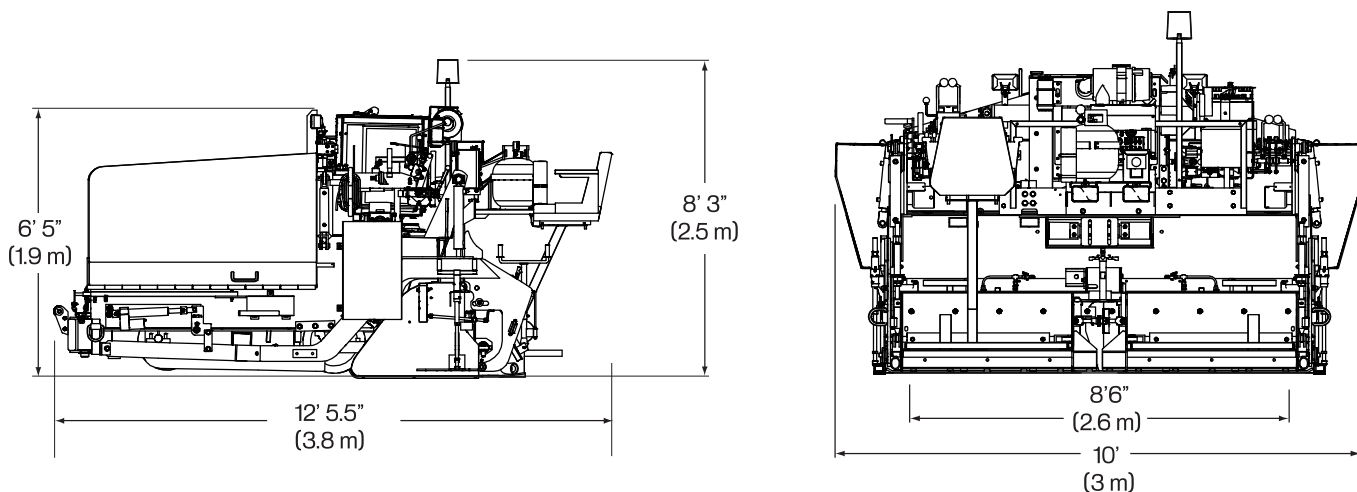


Table 2-1. Machine Dimensions

ITEM	SPECIFICATION
Overall Length	12 ft 5.5 in
Overall Height (with Beacon Light)	8 ft 3 in
Overall Height (without Beacon Light)	6 ft 5 in
Overall Width (Hopper Wings In)	8 ft 6 in
Overall Width (Hopper Wings Out)	10 ft
Overall Weight	15,800 lb
Paving Width	8 - 15 ft
Extensions Length	3 ft 6 in
Travel Speed	0 - 240 ft/min (FPM)
Paving Speed	0 - 140 FPM

Table 2-2. Engine Specifications

ITEM	SPECIFICATION
Manufacturer and Model	Kubota, V2607-CR-TE4B, Tier 4 Final
Engine Type	Vertical Liquid Cooled Diesel, 4-Cylinder
Bore, Stroke and Displacement	3.4 in; 4.3 in; 160 cu in
Power Rating	64 HP
Intake and Combustion Systems	Turbo-Charged, Direct-Injection
Maximum Speed	2400 RPMs

Table 2-3. Performance Specifications

ITEM	SPECIFICATION
Travel Speed	0 - 290 feet per minute (FPM)
Paving Speed	0 - 135 FPM
Recommended Paving RPMs	1800 RPMs
Maximum Paving Depth	6 in

Table 2-5. Electrical Specifications

ITEM	SPECIFICATION
Battery	12 Vdc Maintenance Free, 12 Volts
Cold Cranking Amps (CCA)	1260 CCA
Alternator	12-Volt, Negative-Ground, 60 Amps
Alternator Fan Belt Tension	Manual belt tension mechanism keeps serpentine belt under tension at all times.
Starter Voltage and Type	12-Volt, Negative-Ground

Table 2-6. Lubricant Specifications

ITEM	SPECIFICATION
Engine Oil	15W-40, API, CH-4, CI-4
Hydraulic Oil	All-Weather
Torque Hub	50 WT Gear Oil
Grease	Shell Avania EP Grease or Equivalent

Table 2-7. Machine System Capacity Specifications

ITEM	SPECIFICATION
Engine Lubrication Oil (Refill Capacity)	9.5 qts
Hydraulic Oil Tank	40 gal
Torque Hubs	32 oz each
Diesel Fuel	17 gal
Propane (Standard)	One (1) 20-lb Tank
Antifreeze	Glycol-Based, Extended Life; 1.9 gal

Table 2-8. Hydraulic Pressures Specifications

ITEM	SPECIFICATION
Drive Pump Pressure	3625 psi
Conveyors	2400 - 2600 psi
Augers and Cylinders	2000 - 2200 psi
Vibrator	2000 - 2200 psi
Track Tension Relief	1500 psi (102 Bar)
Charge Pressure	350-400 psi

Table 2-9. Hopper Specifications

ITEM	SPECIFICATION
Size	7.5 Tons
Height	23 in
Wings	3/8 in

Table 2-10. Screed Specifications

ITEM	SPECIFICATION
Screed Weight	2900 lbs
Extensions	Two (2) 44-inch Hydraulically-Operated
Vibration	One (1) hydraulic vibrators producing 3400 vpm.
Crown/Valley	Adjustable, 2-inch crown, 1-1/2 inch of valley
Propane Heat	Two (2) 54,000 BTU propane burners on main screed. One (1) 45,000 BTU propane burner on each extension.
Electric Heat (Option)	Two (2) 3412 BTU/hr electric heat elements on main screed. One (1) 3412 BTU/hr electric heat element on each extension.

Table 2-11. Generator Specifications

ITEM	SPECIFICATION
Power	6.5 kW
Voltage	240 Volts
Frequency	60 Hz