

Benefits of a Tack Distributor

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Purpose

This document is intended to highlight LeeBoy's enhanced designs and added features over the previous model. This should aid sales personnel in speaking to customers and performing walkarounds or start ups.

LeeBoy is committed to producing the highest quality machines for the paving professional. With that said, LeeBoy reserves the right to make changes to these features during production.

Core Benefits of a TD600

- The Tack Distributor provides precise spraying application rate control while driving.
- Advanced wireless in cab controller controlling the spray bar, pump and engine functions.
- Ability to heat material to around 300 degrees Fahrenheit. Giving users the ability to use AC or trackless tack.
- Nozzles are located every 4" with individual spray bar valve levers to control spray width.
- 150 gpm Viking asphalt pump for maximum application rates.



Specification Overview

Tack Distributor	Machine	Tack Tank
24.8 hp	Engine	4.8 hp
Standard	Electric Start	Optional
150 gpm	Asphalt Pump	7 gpm
Diesel	Burner	Propane
Electronically Controlled	Spray Rate Control	N/A
Standard	Temperature Set Point	N/A
Optional	Hand Wand	Standard
Standard (14')	Spray Bar	Optional (12')
	Spray bar width	
Every 4"	Control	Every 2'
Standard	Insulated Tank	Optional
Standard	Wireless Cab Controls	Optional
Up to AC	Emulsion Type	Water Based
Optional	Spray Down	N/A
Optional	Overnight Heat	Optional

Engine and Pump

Tack Distributor

24.8 hp engine mounted to a variable hydraulic pump which powers the asphalt pump.

Hydraulically driven 150 gpm Viking asphalt pump.



Engine and Pump

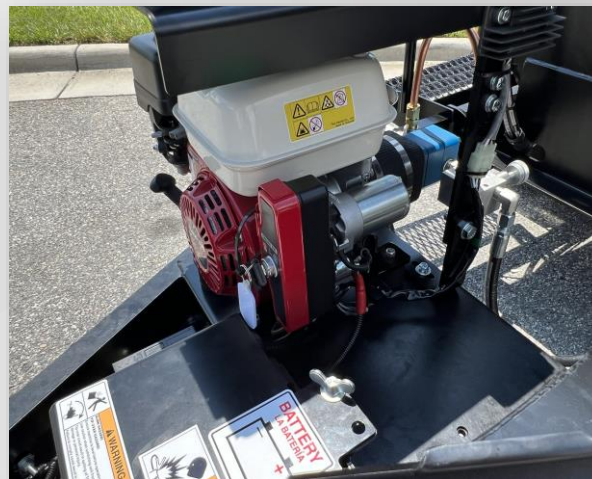
Engine

Pump

Tack Tank

4.8 hp engine supplies power to the asphalt pump.

7 gpm asphalt pump coupled to the engine.



Spray Bar

Tack Distributor	Spray Bar	Tack Tank
Standard 14' spray bar.	Width	Optional 12' spray pattern bar.
8' main spray bar with dual 3' folding outer sections.	Bar Sections	Dual folding spray bar.
Nozzles are located every 4" with individual spray bar valve levers to control spray width.	Spray Valves	6 manual ball valves controls the spray width every 2'.
4 pneumatic actuators controlling spray on or off.	Control	Single manifold with manual valves control spray on or off.
Manual trailer jack for precise height adjustments.	Raise and Lower	Through holes to raise and lower the spray bar.



Controls

Tack Distributor	Controls	Tack Tank
Standard in-cab controller. Display controls engine rpm, application rate, spray width, material temperature, and mode selection. Auto or manual asphalt pump speed along with pump dial.	Controller	Optional in cab controller.
	Display	N/A
Bar circulate, on, or off controlled through a selection switch on the controller.	Pump Fuction	Manually controlled through an adjustable relief valve.
	Bar Functions	Manual valves control circulation and spray on or off. Optional in cab controller controls spray on or off.
4 spray bar section control switches for left wing, left center, right center, and right wing.	Bar Controls	Manual spray bar valves.



Heating System

Tack Distributor	Heating System	Tack Tank
Five pass flue system.	Flue	Five pass flue system.
One 300K BTU diesel burner.	Burner	One 300K BTU propane burner.
Adjustable material temperature shutoff.	Shut off Control	Manual shutoff.
Around 300 degrees Fahrenheit.	Maximum Heat	Around 180 degrees Fahrenheit.



Additional Features

Tack Distributor	Additional Features	Tack Tank
Ground speed sensor controlling application rate for precise gal/sqyd.	Spray Rate	Manual Application
Electronic	Reverse Suction Procedure	Manual
Electronic	Cleanout Procedure	Manual
Standard	Insulated Tank	Optional

