

## MEMORANDUM

TO: ERIC HANSON, CITY ADMINISTRATOR

FROM: JIM LINK, SUPERINTENDENT OF STREETS

DATE: July 17th, 2018

SUBJECT: Tack Sprayer

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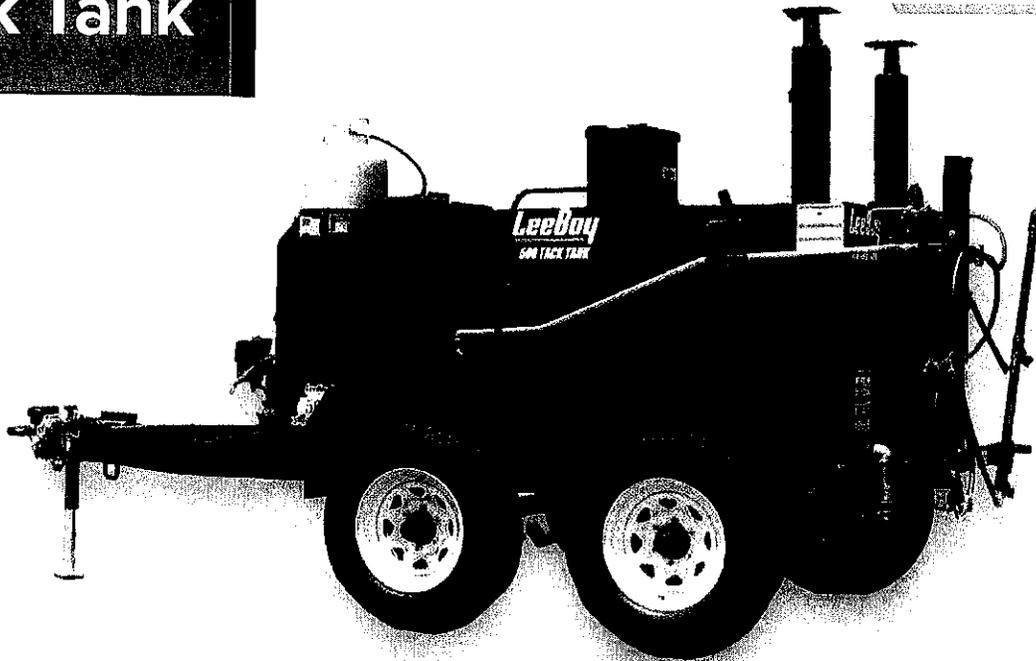
**RECOMMENDATION:** We recommend accepting Roland Machinery's Quote through Sourcewell (Formerly National Joint Powers Alliance) contract # 052417-VTL for **\$21,768.00**

**EXPLANATION:** The 2018 budget provides for the addition of a Tack Sprayer for use with Asphalt paving. SS1 otherwise known as Primer is a tack solution or glue for bonding asphalt to different kinds of pavements. This unit is a 500 gallon capacity tank with an option of a spray bar designed for continuous paving. We budgeted \$14,000 in anticipation of a 250 gallon tank in addition to our current 200 gallon tank. After paving several streets this year we found that 700 gallons would be more beneficial to the operation and the spray bar attachment would also take this process to a 1 man operation with in truck controls instead of a 2 man operation when applying the material. Account 01-02-22-222999 currently has a balance of **\$23,805.00** due to favorable trailer and stump grinder prices. We would like to purchase the bigger tank with a spray bar and In-Truck controls for **\$21,768.00** which is an additional **\$7,768.00** over what we originally budgeted.

# 500 Tack Tank

# LeeBoy

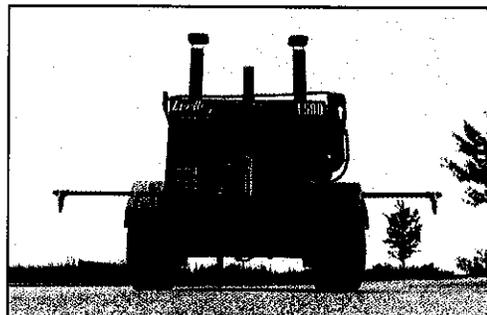
MANUFACTURED BY FOSTER WHEELER INDUSTRIES, INC.



## Performance Features:

Contractors who want to embrace both small and large-scale projects demand the practicality of the 500 Tack Tank. Proven reliable and easy-to-use, operators are given trouble-free Honda power and safety-designed electric brakes at both axles with emergency brakes away reassurance. Trailer or skid-mounted configurations allow commercial pavers with an efficient yet adequate method for tack coating on job sites. To make this offering even more spectacular, it can be customized using numerous options to fit your exact needs.

- 500 Gallon (1,892 l) Capacity Tank
- 4.8 hp (3.6 kw) Honda Engine
- 6' (1.8 m) Wand with On/Off Valve
- 40' (12.19 m) Heavy-Duty Recoil Hose Reel
- 7,270 lbs (3,298 kg) Loaded Weight
- Rear Tank Sampling Valve
- Two 54,000 BTU Propane Burners
- Trailer or Skid-Mount Configurations
- Electric brakes
- Emergency Brake-Away System
- Optional Accessories Available



# 500 Tack Distributor Specifications

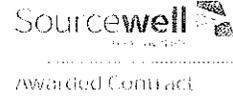
Tank Size	500 gallons (1,892 l)	Hose and Reel	- .5" x 40' (13 mm x 12.19 m) heavy-duty recoil hose reel
Dimensions (Trailer Configuration)	- Length: 14' 6" (4.42 m) - Width: 6' 6" (1.98 m) - Height: 6' 4" (1.93 m) - Shipping Weight: 3,050 lbs (1,370 kg)	Wand	- 6' (1.829 m) wand with cold handles - On/off valve - Removable spray tip
Dimensions (Skid Mount Configuration)	- Length: 9' 9" (2.97 m) - Width: 4' 6" (1.37 m) - Height: 5' 6" (1.68 m) - Shipping Weight: 2,300 lbs (1,043 kg)	Fill Spout	10" x 10" (254 x 254 mm) with splash plate
Engine	Honda – 4.8 hp (3.6 kw)	Clean Out	- 4" (102 mm)
Capacities	- Fuel: 1 gallon (3.79 l)	Access Valve	- 1" (25 mm)
Tank Dimensions	- Length: 7' (2.13 m) - Width: 48.5" (1.23 m) - Height: 32.5" (.825 m)	Optional Equipment	- Electric start (available on Honda-Gas and Hatz-Diesel engine) - 5 hp Hatz diesel engine (pull start) - Insulated tank - Auto ignition burners (only available with electric start engine) - Auto ignition burners with outfire protection (only available with electric start engines) - 8' (2.4 m) spray bar - Spray bar lift (only available on skid-mounted unit) - In-truck controls (requires 8' spray bar option) - Overnight heater - Surge brakes (only available on trailer mounted unit)
Asphalt Pump	- Specially designed 7 gallons per minute (26.5 lpm) pump		
Heat System	- Two 54,000 BTU propane burners - One starter burner - 30 lbs (13.6 kg) propane fuel tank		
Temperature Gauge	- 50 - 300° F (10 - 149° C)		
Flush Tank	- 7 gallons (26.5 l) tank with suck back valve		

VT LeeBoy, Inc. ■ 500 Lincoln County Parkway Extension ■ Lincolnton, NC 28092 ■ 704.966.3300  
For additional products or information, visit our website: [www.LeeBoy.com](http://www.LeeBoy.com)

BR-4003.1-EN This document contains information applicable for the U.S. and U.S. Territories. For international product availability, specifications and support, please contact your authorized LeeBoy representative. The technical data contained herein is subject to change due to continuous engineering and development. Accordingly, LeeBoy Group reserves the right to modify at any time.



Member # 103894



Quoted For: City of Ballwin, MO

Dealer: Roland Machinery

Date: 17 July 2018

NJPA Contract #: **052417-VTL**

### Tack Distributor

Tack Distributors include: Single nozzle 6-ft handspray wand, with 40-ft hose reel, and 2 propane burners. All trailer-mounted units include safety chains and 2-inch ball hitch (pintle eye standard on L500T) and are pre-wired for towing. The L250T is equipped with single axle electric brakes and emergency break-away switches; the L500 is equipped with electric brakes on both axles & emergency break away switches.

TOTAL LIST PRICE BASE UNIT:	<b>500 Trailer</b>	\$	16,250.00
Options:	8-ft Spray Bar	\$	1,575.00
Electric Start <i>(Available on Honda-Gas and Hatz-Diesel engine)</i>		\$	1,325.00
TOTAL:		\$	19,150.00
NJPA DISCOUNT (8%)		- \$	1,532.00
TOTAL NJPA LIST PRICE:		\$	17,618.00
FREIGHT SPECIAL ONE TIME PRICING (good for 10 days from the date quoted):		\$	2,200.00
<b>TOTAL PRICING DELIVERED TO AGENCY:</b>		<b>\$</b>	<b>19,818.00</b>

### POSSIBLE OPTIONS, MANUFACTURE LIST PRICE:

(Options do qualify for the NJPA Discount with machine order)

150 Skid	\$	9,750.00
150 Trailer	\$	10,750.00
250 Skid	\$	11,500.00
250 Trailer	\$	12,750.00
500 Skid	\$	14,500.00
5 HP Hatz Diesel Engine <i>(pull start)</i>	\$	2,750.00
Insulated Tank	\$	7,750.00
Auto Ignition Burners <i>*only with Electric Start Engine</i>	\$	1,525.00
Auto Ignition Burners with Safety Shutdown <i>*only with Electric Start Engine</i>	\$	2,250.00
Spray Bar Lift <i>*only available on Skid Mounted Unit</i>	\$	3,550.00
In-Truck Controls <i>**requires 8-ft Spray Bar option</i>	\$	1,950.00
Overnight Heater	\$	1,775.00
Surge Brakes for 500 Gallon Tank <i>**Only Available on Trailer Mounted Unit</i>	\$	3,750.00
Surge Brakes for 150 or 250 Gallon Tank <i>**Only Available on Trailer Mounted Unit</i>	\$	3,250.00
Pintle Eye <i>(standard on L500T)</i>	\$	65.00