



RENEWING THE ROUGHEST ROADS

Rugged, American-Made Asphalt Patchers



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OUR LEGACY

For nearly five decades, Thermo-Lay has equipped road crews to achieve exceptional results when fixing failed asphalt and patching utility cuts.

Designed for durability, our machines maximize your uptime and keep your cost-of-ownership low. Responsive regional support ensures parts, service and training are never far away. And with hundreds of units hard at work daily, you can be confident Thermo-Lay will keep your team safe and productive—whether you run a single crew or a full fleet.

47 YEARS
in business

60-90 DAYS
delivery time

560+ UNITS
built to date

OUR CUSTOMERS

Organizations of all kinds trust Thermo-Lay to maintain roadways, parking lots, and other asphalt surfaces:

- **Government**
 - Departments of Public Works (*Muni*)
 - Streets Departments (*Muni*)
 - Roads & Bridges (*County*)
 - Highway Departments (*Rural*)
 - Departments of Transportation (*State*)
 - Water Departments (*Muni*)
- **Utility Contractors**
- **Paving Contractors**



OUR PASSION

At Thermo-Lay, we believe the best way to fix asphalt is with asphalt.

Our machines give you full capability to:

- Maintain optimum asphalt temperature
- Cut away and dispose of dead asphalt
- Clear debris and weeds
- Prep road bedding
- Dispense, spread, and compact asphalt
- Seal repaired areas
- Clean work sites and tools when done



OUR VALUES

With every Thermo-Lay machine we build, our guiding principles are:

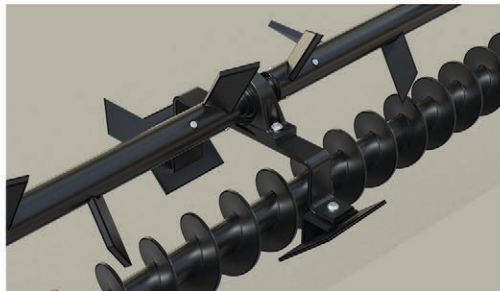
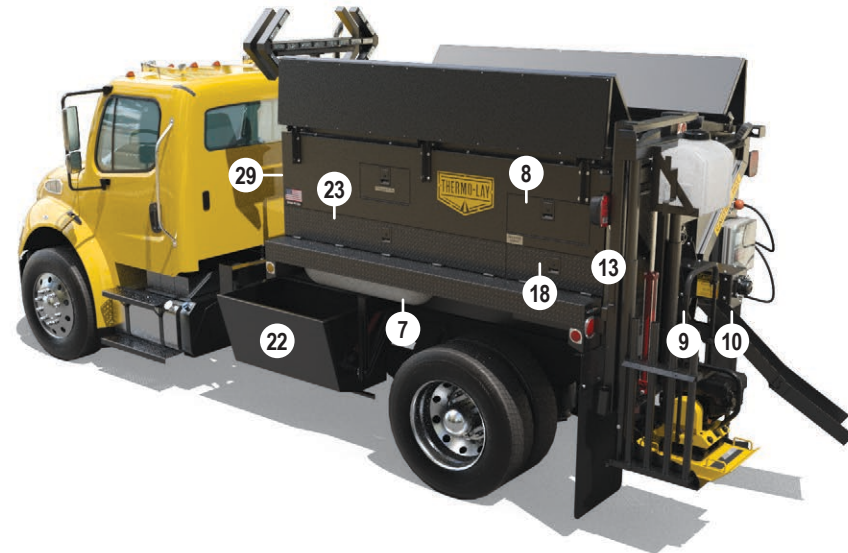
- **Safety:** We take every precaution to protect the crews that maintain our critical transportation infrastructure.
- **Simplicity:** We make it easy for crews to stay productive and efficient.
- **Durability:** We strive to minimize downtime and cost-of-ownership.



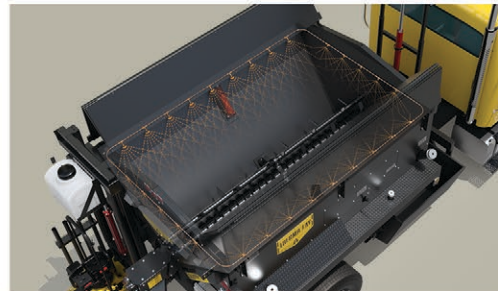
WHAT MAKES A THERMO-LAY?

With a design that's been refined over nearly half a century to meet the industry's evolving needs, Thermo-Lay machines are perfectly equipped to empower your crews out in the field.

A full complement of safety and productivity features means you get more done with less worry. State-of-the-art CAN bus controls grant access to every function and enhance reliability. And with a range of options and customizations, you can be confident your Thermo-Lay machine will streamline your processes and workflows starting on day one.



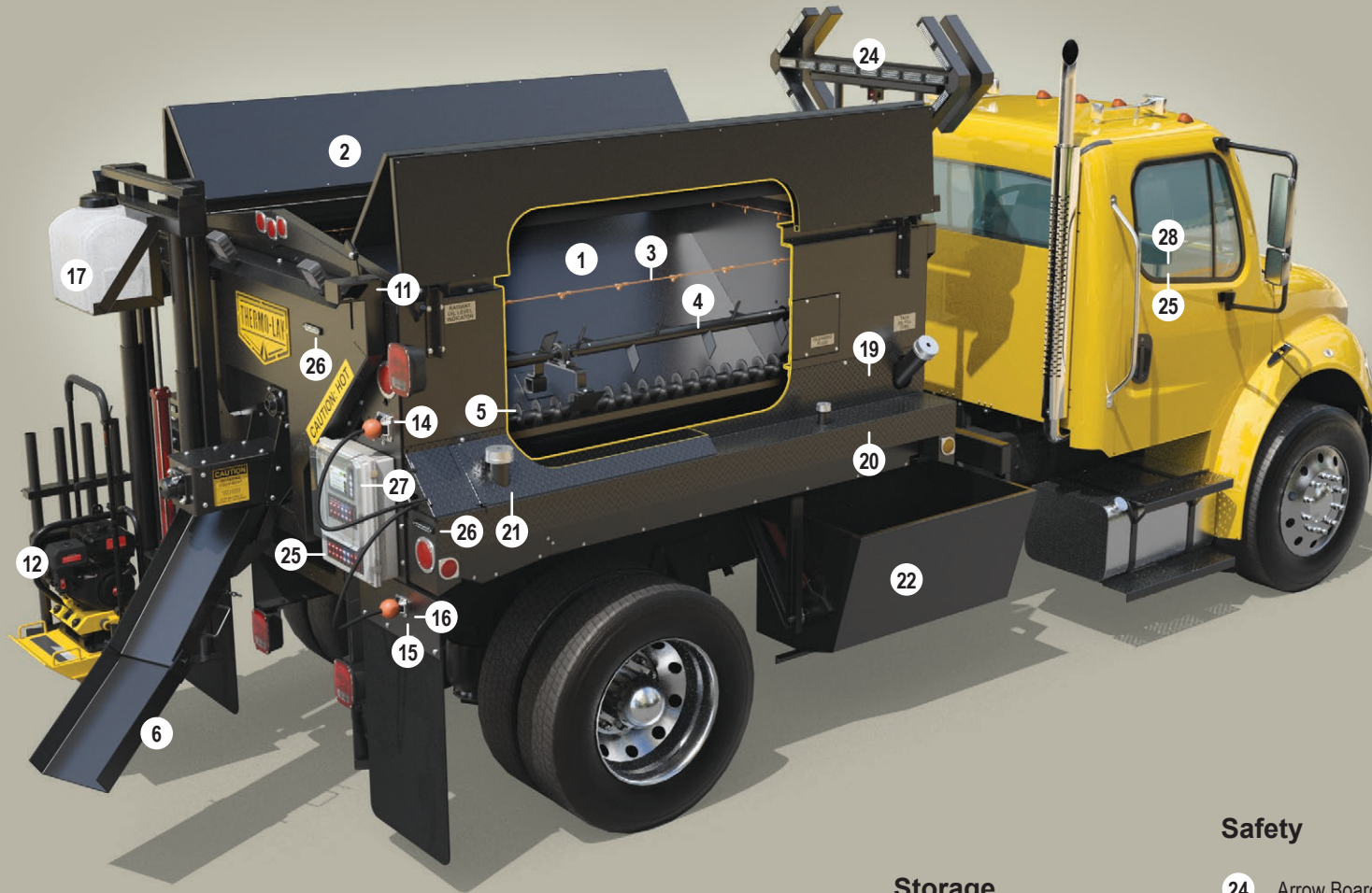
Steel auger (bottom) and anti-bridge bar (top) ensure clog-free asphalt conveyance and consistent heating.



Release agent spray bar coats hopper to prevent asphalt from sticking, so crews don't have to climb truck or enter hopper.



Radiant oil heating maintains asphalt and tack tank temperature with superior consistency and uniformity.



Conveyance

- 1 Hopper
- 2 Hydraulic Hopper Door
- 3 Hopper Spray Bar
- 4 Anti-bridge Bar
- 5 HD Steel Auger
- 6 Swivel Chute

Heating

- 7 Propane Tank
- 8 Propane Regulator
- 9 Propane Burner
- 10 Overnight Heater
- 11 Burner Exhaust

Tools

- 12 Compactor on Lift
- 13 Weed Burner
- 14 Tack Gun
- 15 Cleaning Wand
- 16 Hydraulic Tool Connection

Storage

- 17 Water Tank
- 18 Release Agent Tank
- 19 Tack Oil Tank
- 20 Cleaning Fluid Tank
- 21 Waste Tank
- 22 Spoils Bin
- 23 Storage Cabinet

Safety

- 24 Arrow Board
- 25 Emergency Stops
- 26 Safety Flashers

Controls

- 27 Rear Controls (CAN bus)
- 28 Cab Controls (CAN bus)
- 29 Valve Bank & Cooling Fan

TRUCKS

A Thermo-Lay truck is ideal for a dedicated asphalt repair crew with a demanding daily workload.

With a precision weight balance, touchscreen controls in the cab and at the tailgate, and seamless integration of the hydraulics using the truck PTO, your crews will enjoy unrivaled ease-of-use and capability.



Standard Features

- Touchscreen CAN bus controls
- Hydraulically operated spoils bins
- Insulated hopper doors and end walls
- Hopper door safety lockout
- Safety beacons and arrow board
- Multiple e-stops
- Steel auger with anti-bridge bar
- Release agent spray bar system
- 1-year parts/labor warranty

Options

- Compressor
- Hydraulic tool circuit
- Load scales
- AR steel auger
- Auger trough liner
- Folding 24" chute extension
- Compactor
- Extended warranty

| hopper size | 2 yard | 4 1/4 yard | 6 1/4 yard |
|---------------------------------------|----------------------------|-----------------------------------|-----------------------------------|
| hopper capacity | 7,830 lb | 16,000 lb | 24,500 lb |
| burner / overnight heater | 350,000 BTU / 4.4 kW | 350,000 BTU / 9 kW | 350,000 BTU / 9 kW |
| propane tank | 30 gal | 30 gal | 30 gal |
| heat transfer fluid | 55 gal | 110 gal | 165 gal |
| hydraulic fluid | 10 gal | 10 gal | 10 gal |
| tack / solvent / water / waste | 40 / 30 / 8 / 10 gal | 120 / 30 / 8 / 10 gal | 120 / 30 / 8 / 10 gal |
| compactor lift | rear | rear or side | rear or side |
| auger dimensions / pitch | 64"x6" / 4" | 118"x6" / 4" | 152"x6" / 3" |
| unit dimensions / weight ‡ | 24 1/2"x78"x63" / 4,500 lb | 108 1/2"x78"x63" / 9,000 lb | 142 1/2"x78"x63" / 11,250 lb |
| min. chassis required | 17,500 GVWR single-axle | 19,500-33,000 GVWR single-axle | 33,001-80,000 GVWR double-axle |

‡ weight and dimensions subject to variance based on final configuration



ELECTRIC

When zero chassis emissions is needed, we're proud to offer the market's only EV asphalt patching truck. Built on an American-made Battle Motors LNT chassis, this truck gives you optimal weight distribution and full-shift operation.

- Compliance with CARB ACF and other regs
- 500 peak horsepower
- Range up to 130 miles per charge
- Recharge times as low as 3.2 hours
- Start from standstill fully loaded on grades as steep as 30%

NON-CDL



If you need more flexibility regarding who operates your asphalt repair truck, our 2-yard non-CDL option can be driven by anyone with a standard driver's license.



SMART CONTROLS

Every Thermo-Lay machine has a state-of-the-art CAN bus control system that gives fingertip access to all functions. The technology reduces wiring, boosts reliability, and has onboard diagnostics to streamline remote troubleshooting.

Best of all, the controls prioritize safety, with interlocks and e-stops to protect your crew.

HOOK-LIFTS

With a Thermo-Lay hook-lift machine, you can maximize fleet versatility and avoid the chassis procurement delays.

A built-in hydraulic power system makes this machine completely self-contained. Just mount the unit on your existing hook-lift chassis whenever you need to make road repairs. Thermo-Lay offers compatibility with all hook-lift brands.



Standard Features

- Touchscreen CAN bus controls
- Insulated hopper doors and end walls
- Hydraulic power unit
- Hopper door safety lockout
- Safety beacons and arrow board
- E-stop
- Steel auger with anti-bridge bar
- Release agent spray bar system
- 1-year parts/labor warranty

Options

- Compressor
- Hydraulic tool circuit
- Load scales
- AR steel auger
- Auger trough liner
- Folding 24" chute extension
- Compactor
- Extended warranty

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| hydraulic fluid | 10 gal | 10 gal | 10 gal |
| tack / solvent / water / waste | 40 / 30 / 8 / 10 gal | 120 / 30 / 8 / 10 gal | 120 / 30 / 8 / 10 gal |
| compactor lift | rear or side | rear or side | rear or side |
| auger dimensions / pitch | 64"x6" / 4" | 118"x6" / 4" | 152"x6" / 3" |
| unit dimensions / weight ‡ | 24 1/2"x78"x63" / 4500 lb | 108 1/2"x78"x63" / 9000 lb | 142 1/2"x78"x63" / 11,250 lb |
| min. chassis required | 17,500 GVWR single-axle | 19,500-33,000 GVWR single-axle | 33,001-80,000 GVWR double-axle |

‡ weight and dimensions subject to variance based on final configuration

SLIDE-INS

With a slide-in machine from Thermo-Lay, you can easily repurpose your dump truck or plow truck. Place the unit in the truck's dump body with a fork truck, then latch the corners to secure it in place.

As with the hook-lift unit, our slide-in has an integral hydraulic power system, making it completely self-contained.



Standard Features

- Touchscreen CAN bus controls
- Insulated hopper doors and end walls
- Hydraulic power unit
- Hopper door safety lockout
- Safety beacons and arrow board
- E-stop
- Steel auger with anti-bridge bar
- Release agent spray bar system
- 1-year parts/labor warranty

Options

- Compressor
- Hydraulic tool circuit
- Load scales
- AR steel auger
- Auger trough liner
- Folding 24" chute extension
- Compactor
- Extended warranty

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| propane tank | 30 gal | 30 gal | 30 gal |
| heat transfer fluid | 55 gal | 110 gal | 165 gal |
| hydraulic fluid | 10 gal | 10 gal | 10 gal |
| tack / solvent / water / waste | 40 / 30 / 8 / 10 gal | 120 / 30 / 8 / 10 gal | 120 / 30 / 8 / 10 gal |
| compactor lift | rear | rear | rear |
| auger dimensions / pitch | 64"x6" / 4" | 118"x6" / 4" | 152"x6" / 3" |
| unit dimensions / weight ‡ | 24 1/2"x78"x63" / 4500 lb | 108 1/2"x78"x63" / 9000 lb | 142 1/2"x78"x63" / 11,250 lb |
| min. chassis required | 17,500 GVWR single-axle | 19,500-33,000 GVWR single-axle | 33,001-80,000 GVWR double-axle |

‡ weight and dimensions subject to variance based on final configuration

TRAILERS

A trailer offers maximum fleet flexibility. It attaches in minutes to a variety of truck chassis, and it occupies a small footprint in your yard when not in use.

Precise weight distribution makes towing safe and easy. An onboard hydraulic power unit and generator eliminate the need for any connections beyond brake and signal lights.



Standard Features

- Touchscreen CAN bus controls
- Insulated hopper doors and end walls
- Hydraulic power unit
- Hopper door safety lockout
- Safety beacons and arrow board
- E-stop
- Steel auger with anti-bridge bar
- Release agent spray bar system
- 1-year parts/labor warranty

Options

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| hydraulic fluid | 10 gal | 10 gal |
| tack / solvent / water / waste | 40 / 30 / 8 / 10 gal | 120 / 30 / 8 / 10 gal |
| compactor lift | rear or side | rear or side |
| auger dimensions / pitch | 64"x6" / 4" | 118"x6" / 4" |
| unit dimensions / weight ‡ | 24½"x78"x63" / 4,500 lb | 108½"x78"x63" / 9,000 lb |

‡ weight and dimensions subject to variance based on final configuration

MORE THAN A MACHINE

Asphalt patching equipment is only as good as the people, resources, and support infrastructure that stand behind it. Trust the Thermo-Lay team and dealer network to be partners in your success—for as long as you own your machine.



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CUSTOMIZATION

Every asphalt repair crew is different. Whatever your special requirements, rest assured Thermo-Lay will go the extra mile to deliver a machine that maximizes your capabilities, productivity, and safety.



PARTS & SERVICE

When it comes to asphalt repair, success is a ground game. Thermo-Lay's regional parts, service, support, and training network ensures help is close at hand when you need it.



EXPERTISE & ADVICE

Technical knowledge, industry insight, and applications expertise—the Thermo-Lay team has it all. When your team needs guidance and training, we're here to help.



Thermo-Lay Manufacturing

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