

THE ULTIMATE PRECISION ROBOTIC PAVEMENT MARKING SYSTEM

ROADPRINTZ



MEET ELECTRA

Built around a standard industrial grade IP67-rated robot arm mounted on a Ford F-550 Super-Duty chassis, Electra uses a familiar double-acting spray head with standard tips. The industrial grade airless paint compressor with Bluetooth-enabled data logger handles nominal paint pressures of up to 3,000 psi.

Electra accurately and precisely marks standard intersections, turn pockets, crosswalks, stop bars, arrows, and ONLYs.

Electra makes light work of:

- Bike markings, bike lanes, bike boxes, and sharrows,
- Handicap parking symbols,
- Custom words, and
- Adjustable SCHOOL legends



“ELECTRA CAN EASILY HANDLE YOUR TRANSVERSE PAVEMENT MARKING JOBS”



PRECISION TECHNOLOGY



Precise geo-location capabilities allow you to quickly find and mark centerline positions and record exact locations of existing markings.



Rugged on-board control computer preloaded with RoadPrintz custom software with updates included for the first 3 years.



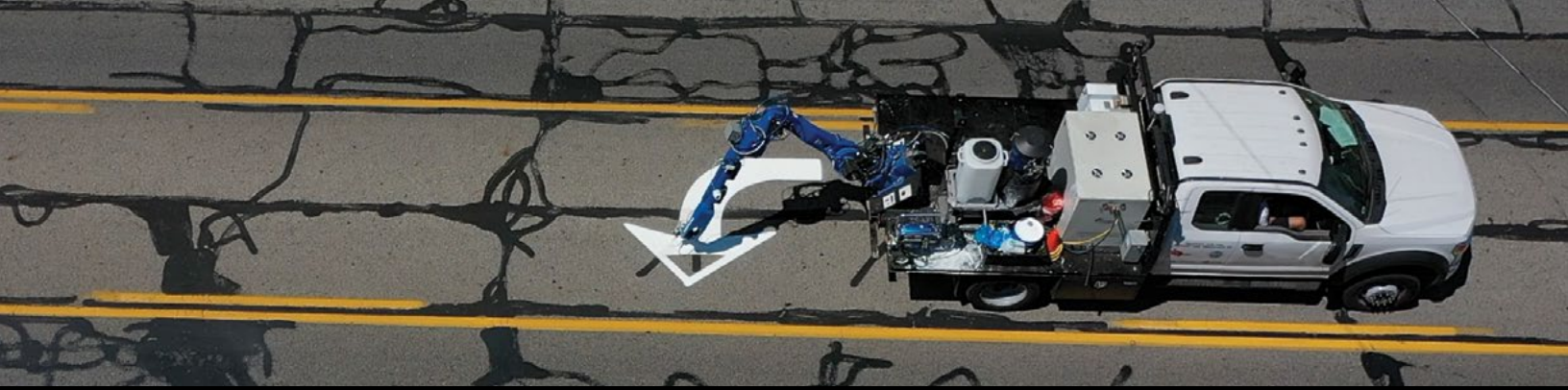
Easy, intuitive 15-inch - IP65, high brightness touchscreen control interface and monitor. Includes optional keyboard and joystick or mouse.



Automatic cloud storage inventories and records all applied markings including precision geo-location coordinates. Easily add existing markings and locations. The On-Board Library includes all standard markings.



Material logging automatically keeps track of your paint and bead usage.



ON-BOARD EQUIPMENT

The Ford F-550 Super Duty extended cab with Wi-Fi hotspot is fully equipped with:

- Custom 480 volts/3 phase AC on-board electrical system,
- Convenient standard 120 volt shore-power connection,
- Surveyor-grade GPS with NTRIP corrections,
- 3 convenient E-Stops, plus pendant,
- 30 cfm, 90 psi, ultra-quiet air compressor with automatic dryer,
- Paint tank, bead tank, water (cleaning) hopper,
- Additional tanks, hoppers, and tank heaters, optional, and
- On-board tool and storage cabinets.



SAFER STREETS

Our stencil-free legend painting and transverse markings keeps boots off the ground and road crews safely inside the vehicle.

“ELECTRA ELIMINATES THE NEED FOR STENCILS AND KEEPS BOOTS OFF THE PAVEMENT”

Safety features on-board include flashing LED safety arrows, beacon, and strobes for high visibility, plus multiple traffic and backup cameras and monitors.



MISSION & VISION

RoadPrintz’s mission is to increase the safety of all road users through making effective visual pavement markings more affordable and accessible.

RoadPrintz has developed an operator-driven, truck-mounted mobile robotic pavement marking system focused on:

- Increasing worker safety and efficiency;
- Clearly delineating appropriate user behaviors for shared roadways in a variety of settings;
- Providing and simplifying wayfinding and navigation; and
- Furthering the twin goals of Smart Cities and Vision Zero traffic fatalities.

