



STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
TECHNICAL SPECIFICATIONS FOR
ROAD WIDENER, SELF PROPELLED

SERIES NO. 221-800
EQUIPMENT SPECIFICATION 221-800G

REV. 2/27/2024

GENERAL

This specification sets forth the minimum requirements for a self-propelled wheel mounted shoulder paving machine equipped to place aggregate or bituminous material in variable widths.

Equipment shall be new, a production model of current manufacture, and must meet all state and Federal safety and emission standards in effect at time of order.

REPRESENTATIVE SPECIFICATIONS

A Weiler W530B, with appropriate options and standard features, was used to develop these specifications and establish equivalency evaluation criteria.

Equipment of similar style, type, character, quality, features, and purpose conforming to the following detailed requirements/specifications will be considered. For evaluation purposes, bidders proposing an exception/equivalent option/feature to those specified herein, may be required to provide manufacturer/product information (catalogue sheets, detailed specifications, pictures, etc.). This information will be evaluated against the minimum requirements of this specification. Proposed submittals that are determined not to be equivalent to the established criteria will be rejected.

LOUISIANA AUTHORIZED DEALER(S)

Proposed item(s) must be from a manufacturer who has at least one (1) authorized dealer within the State of Louisiana where parts and service can be obtained. Authorized dealer(s) must have properly trained technicians plus all other resources necessary to perform warranty and repair services in complete accordance with the manufacturer's requirements. A letter certifying the ability to meet this requirement, inclusive of the company name(s) and address(es) of the Louisiana authorized dealer(s), should be supplied with the bid submittal and may be required prior to award.

DELIVERY & ACCEPTANCE

Vendor shall perform a test run of each unit to verify that all features and capabilities are operating properly at time of delivery. Documentation of testing may be required prior to acceptance by the Department.

Unit(s) must be delivered completely assembled (including all components, accessories, etc.) and ready for operation without any additional preparation including, but not limited to, ensuring all fluid levels are at their full mark, fuel tank(s) is full, all necessary lubrication has been performed, etc.

Any unit delivered under this specification is subject to rejection if there is evidence of poor workmanship, by either the vendor or the original manufacturer. Noted defects and/or nonconformance findings may be corrected by the vendor. Corrections must be completed and approved by the Equipment Engineer or his representative prior to final acceptance.



Unit(s) shall be delivered “**on the ground;**” DOTD will not unload nor provide any unloading equipment to the vendor/delivery driver in order to offload the unit(s).

NOTE: The Department will have space available for equipment to be unloaded.

EACH UNIT MUST BE SUPPLIED WITH THE FOLLOWING DOCUMENTATION AT TIME OF DELIVERY:

1. Notarized Bill of Sale
2. Original Certificate of Origin (MSO), (no photocopy)
3. Dealer's Service Policy
4. Owner's/Operator's Manual(s)
 - a. One (1) Hardcopy
 - b. One (1) Digital Copy
 - i. Acceptable Formats: PDF delivered via USB “Flash Drive”, or E-mail
5. Service Manual(s)
 - a. One (1) Hardcopy
 - b. One (1) Digital Copy
 - i. Acceptable Formats: PDF delivered via USB “Flash Drive”, or E-mail
6. Build Sheet(s) – as applicable
 - a. One (1) Hardcopy
 - b. Build sheets should be written in plain language (not company specific codes) and include, at a minimum, all standard & optional features of the delivered unit.

NOTE: Invoices will not be processed for payment until the unit(s) have been inspected by the Equipment Engineer or their representative and deemed in compliance with the specifications.

BID SUBMITTALS

Any additions, deletions, or variations from the specifications should be noted in the "Bidder's Exceptions" page of this specification. Exceptions that are noted to be less than a minimum requirement will not be accepted.

Any additions, deletions or variations from the manufacturer's standard published specifications should be noted on the "Bidder's Exceptions" page of this specification. Unless otherwise noted, any items appearing in the manufacturer's standard published specifications furnished by the Bidder are assumed to be included in the Bidder's submittal.

Bidder should note on their submittal any installation(s) to the equipment that will be performed by the vendor instead of the manufacturer.

Failure to note any specification exceptions, manufacturer specification alterations, and/or vendor installations prior to award may result in rejection of the equipment at the time of delivery.

THE NUMBER OF DELIVERY DAYS AFTER RECEIPT OF ORDER (ARO) MAY BE USED AS A FACTOR IN THE AWARD.



EQUIPMENT SPECIFICATIONS

NOTICE TO BIDDERS

Bidder should review the detailed "Equipment Specification" completely and respond to the compliance question at the end of each section by marking "X", in the space provided, for "Yes" or "No". Mark "Yes" to indicate that the equipment bid meets the section exactly as specified. Mark "No" if there are exceptions to any part of that section. Exceptions/deviations to any part of the specification are to be detailed on the "Bidder's Exceptions" page of this specification.

IN ORDER TO BE CONSIDERED FOR AWARD, BIDDER SHOULD RETURN THIS SPECIFICATION, COMPLETED IN FULL, WITH THEIR BID SUBMITTAL.

Note: All values listed below are minimums unless noted otherwise.

1. Design, Construction, Features

1.1. Engine

- 1.1.1. 137 HP
- 1.1.2. Diesel, liquid cooled
- 1.1.3. 74 gallon fuel tank

Comply: ___ Yes ___ No

1.2. Traction Drive

- 1.2.1. Hydrostatic powershift drive system
- 1.2.2. 4 Wheel steer/ 4 wheel drive
- 1.2.3. 2-Speed gearbox
- 1.2.4. 12 mph transport speed

1.3. Controls

- 1.3.1. Control station configured such that the operator can control machine from either left or right side
- 1.3.2. Include all control devices for proper machine operation as well as monitors for all essential machine functions

Comply: ___ Yes ___ No

1.4. Brakes

- 1.4.1. Primary braking accomplished through hydrostatic traction drive system
- 1.4.2. Foot actuated, hydraulically applied secondary brakes

Comply: ___ Yes ___ No

1.5. Hopper

- 1.5.1. Hydraulically raise and lower
- 1.5.2. 3.5 CY capacity
- 1.5.3. 9' 4" Hopper opening



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1.5.4. 24" Belt width

1.5.5. 400 FPM belt speed

Comply: ___ Yes ___ No

1.6. Conveyor

1.6.1. High temperature service belt

1.6.2. 10' length, 24" width

1.6.3. 6" Shift in either direction

1.6.4. Capable of discharge from either side of machine

1.6.5. Wide chain-driven

1.6.6. Foot pedal control

Comply: ___ Yes ___ No

1.7. Strike-Off

1.7.1. 25" tall strike-off tools

1.7.2. Widening widths from 1' - 10'

1.7.3. Capable of placing material up to 12" above and below grade

1.7.4. Hydraulically adjustable tools for precise strike-off

1.7.4.1. Exact grade and slope

1.7.5. 1', 2', 3' strike-off tool groups

1.7.6. 2' - 3' telescoping strike-off

Comply: ___ Yes ___ No

1.8. Push Roller

1.8.1. Two (2) bearing rollers mounted on adjustable beam

1.8.2. Hydraulically adjustable

Comply: ___ Yes ___ No

1.9. Hydraulic System

1.9.1. 60 gallon capacity

1.9.2. Five micron filters in the inlet side of both the traction drive and conveyor side

Comply: ___ Yes ___ No

1.10. Lighting System

1.10.1. LED strobe light

1.10.2. Premium LED work lights

1.10.3. DC blade lights

Comply: ___ Yes ___ No



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1.11. Additional Equipment

1.11.1. 12 kW generator

1.11.2. Pressurized wash down system

1.11.2.1. 25' hose, hose reel and spray valve/nozzle

1.11.3. Truck hitch if available

1.11.4. 2300 lb. Weight kit

1.11.5. Standard tool tray

1.11.6. All mounting hardware for umbrella attachment either side of machine

Comply: Yes No

1.12. Paint: Manufacturer's standard

Comply: Yes No

1.13. Warranty: 12 month standard warranty

Comply: Yes No

