

SPECIFICATION

025100, 025200, 025300

Manufacturers standard ride on roller shall be supplied utilizing the following code/s.

All codes shall provide 100 percent coverage in a single pass. Un ballast weight minimum 9,000 pound, maximum 13,500 pound. Fully ballast weight minimum 24,000 pound, maximum 30,800 pound.

025100 – Roller, Rubber tire, Self propelled, 9 wheel, Articulation. Ref. Bomag BW11RH, Roscoe Tru-Pac 915.

025200 – Roller, Rubber tire, Self propelled, 9 wheel, Articulation asphalt. Roller shall be equipped with non-stick tires. Ref: Michelin XLC7.5R. Factory installed skirting to maintain maximum heat at the tires.
Ref. Bomag BW11RH, Roscoe Tru-Pac 915

025300 – Roller, Rubber tire, Self propelled, 9 wheel, Straight frame. Ref. Cat PS150C, Volvo PT125, Dynapac CP142,

The following additional items shall be supplied

Accepted

1. A color chip of the factory color shall be provided.

Mandatory : Bidder must provide option pricing for having unit bid to be painted PENNDOT yellow. Reference DUPONT F9885, PPG 85246, Sherwin Williams 73266 or Napa 73266 shade only.

Comments

2. Supplied equipment shall comply with current EPA regulations for model year supplied. Non-compliant equipment will be rejected.

Comments

3. Grab Handles and Platform (Area designed to be walked upon) shall be coated with anti-skid paint. (tape is not acceptable)

Comments

4. Rollers shall be equipped with scrapers and cocoa mats.

Comments

5. Rollers shall be equipped with a manufacturer's standard water sprinkling system with a lockable cap for the tank.

Comments

6. Hour meter – hour meter shall record only when the engine is running.

Comments

7. FLOCS system per EQN-351A.

Comments

8. Turn signals / 4 way flashers front & rear (all lighting LED) and a rearview mirror shall be installed. Rearview mirror must be able to be utilized from the seating position.

Comments

9. A ROPS system and a high visibility orange operators seatbelt shall be supplied and installed.

Comments

10. Backup alarm. ECCO 450 shock mounted. (No substitute, standardization). Alarm shall not be mounted on the machine's roll bar or in close proximity to the operator's ear.

Comments

11. Amber LED warning light shall be a Whelen L31HAF – 360 degree visibility. 4-6 week lead time is needed for ordering this light. Contact Brad Walker 740-325-6727

Comments

12. All lighting will be L.E.D and include front and rear work lighting.

Comments

13. Fire extinguisher, 5 LB. 3A40BC type rechargeable with vehicle mount and weatherproof cover shall be mounted within reach of operator.

Comments

14. Install slow moving sign with a quick release bracket. **Stickers or decals will not be accepted**

Comments

15. There shall be a "Three Point of Contact" sticker applied at all climbing locations Ref. EQN-552-1 drawing

Comments

16. Instrument panel shall have a lockable cover and all fill caps such as fuel, engine oil, hydraulic oil, radiator etc. shall be lockable or located inside a lockable housing or cabinet. All locks shall be keyed alike.

Comments

17. Training there shall be 5.0 hrs combined operator and mechanic training done at the final county location per unit.

Comments

18. Warranty period shall be for 2 years, 100% parts & labor. Warranty and delivery per PCID 1075. The warranty start up date shall be defined as the date of transfer from the PennDOT Fleet Management Division to the designated county location. This will be considered the date of delivery to the county and NOT the date of delivery by the successful bidder to the department. The PennDOT Fleet Management will supply the actual start-up date, equipment number, and serial number of the machine, via email, to the successful bidder. It is the responsibility of the successful bidder to ensure that the equipment manufacturer recognizes and applies the Department's actual warranty start-up date in their database.

Comments

19. Paper work provided by manufacturer, vendor or carrier company at time of equipment delivery for signature will only be signed for verification of delivery. Signature will not endorse delivered equipment is free of defects or verification that equipment meets specification/quote. Acceptance of equipment is pending through inspection, with equipment meeting the specification/quote. Paper work will not be submitted for payment until all deficiencies are corrected, prior to purchase order delivery deadline.

Comments

20. There shall be paper Operator, Parts and Maintenance & Repair manuals along with an electronic form of each manual on a USB thumb drive in Adobe PDF format. The paper operators manual shall have a weather resistant holder attached to the unit.

Comments

The roller shall be equipped with means of adjusting the wheel load by ballasting, and the ply-rating of the tires shall be such that they will support the maximum operating wheel load at the specified maximum contact pressure.

WEIGHT DISTRIBUTION Must be submitted with the Bid and Pilot Model

This form meets the requirements as outlined for the weight distribution slip (all blanks must be filled in). Roller Light Weight, no ballast or permanent mounted solid weight or steel shaving boxes. (Bare unit).

Weigh slip requirements to be presented with the pilot model:

Barren Weight

Roller only _____ Front Axle

_____ Rear Axle

_____ Total

"Roller with ballasts", shall be total weighed by a certified weight master and signed and presented with pilot model.

With water ballast _____ gallon Total _____

With dry sand _____ cu. ft. Total _____

With wet sand _____ cu. ft. Total _____

Using total figures above (water ballast) = _____ LBS per wheel compaction

Using total figures above (dry sand ballast) = _____ LBS per wheel compaction

Using total figures above (wet sand ballast) = _____ LBS per wheel compaction

Then using from above lbs. per wheel

Water _____ GCP per tire

Dry Sand _____ GCP per tire

Wet Sand _____ GCP per tire

The manufacturer shall furnish a certified ground contact pressure chart in 100 LB increments between 2,000 and 3,000 LB wheel loads to reflect the closest 100 LB weight. Chart shall be a weather-resistant decal or metal tag attached to the roller.

Wet weight of sand (120 LBS approximately) per cubic ft. shall be used to calculate weights.