

## **SPECIFICATIONS FOR BRUSH CHIPPER, TRAILER MOUNTED**

**ACCEPTABLE BRANDS/MODELS: VERMEER BC1000XL, RAYCO RC1220, MORBARK BEEVER M12D OR EQUAL.**

**ALL SPECIFICATIONS ARE CONSIDERED MINIMUM UNLESS OTHERWISE NOTED.**

1. Lockable fuel cap and battery boxes
2. Fuel tank capacity – 24 gallons
3. Discharge Chute – Rotatable, 270 deg. Locking w/o tools
4. Discharge Height – 96”
5. Deflector – Adjustable – No Tools
6. Engine – 66 HP (Minimum), diesel
7. Feed Table – No. 10 gauge, hinged foldable, 66” from outer edge of table to feed roller(s)
8. In-Feed Opening – 12” x 17”
9. Feed Roller Control Lever – A shut-off bar located on the three sides of the in-feed chute allows actuation of in-feed forward/off/reverse.
10. Cutting Disc or Drum – Disc: 37” dia. X 1.5” thick; Drum: 20” x 20”, .38” thick
11. Cutting Disc or Drum RPM – Disc: 905 RPM; Drum: 2000 RPM
12. Auto-Feed System – Feed roller(s) Start/Stop depending on engine load
13. Feed Roller(s) – One (1) hydraulically powered drum or two (2) hydraulically powered drums. Units shall be required to pull at a preset variable speed, material up to 12” dia. 0-100 FPM infinitely variable or fixed.
14. Number of Knives – Minimum of two (2) hardened tool steel and/or 4 useable edge shear bar.
15. Hydraulic Pump – Runs live off engine; allows power reversing of in-feed with disc/drum disengaged.
16. Hydraulic System – 7 gal. reservoir with drain and vented lockable filler cap. Filter to be 10 micron spin-on type.
17. Chassis – 6” or 7” channel frame main center beam, rectangular tubing or “Z” channel (4.25” x 7”).

18. Axle Capacity – 5,200 lbs., minimum
19. Suspension – Torflex or torsional type suspension of sufficient capacity to meet axle GVWR.
20. Tire Size – Must be of sufficient size, type and ply to meet or exceed GVWR of trailer and chipper, fully serviced and fueled.
21. Brakes – Electric
22. Fenders – Heavy-duty required
23. Hitch – 2 ½” lunette ring with adjustable height.
24. Tongue – Tongue to be adjustable
25. Safety Chains – Two (2) 3/8” each, with hooks to meet Federal DOT Standard.
26. Jack Stand (Tongue) – 2,000 lb. capacity, adjustable for height with stationary foot pad.
27. Lighting – Must include: Run, Stop, and Turn Modes. Must meet Federal specifications and ICC regulations.
28. License Plate Bracket – Required
29. Paint Color – Mfg’s standard
30. Service – Unit shall be fully assembled, serviced and ready for operation upon delivery.
31. Manuals – One (1) operator’s
32. Warranty – 12 months, 100% parts and labor on complete unit. Warranty repairs shall be performed at mfg’s dealer representative location if within two (2) hours of FOB delivery location. If transportation is required outside the regional area, it shall be at vendor’s expense. Warranties and guarantees by suppliers of various components in lieu of a single source responsibility by the mfg. will not be accepted. The mfg. shall be solely responsible for the complete unit. Warranty document to be delivered with the unit.
33. Safety and Operational Orientation – A factory authorized representative must provide adequate safety and operational training for state employees at FOB delivery location within ten (10) working days of delivery. If available a safety video is requested.

34. Safety Design – Unit shall comply with all federal and state vehicle codes and OSHA requirements.