

## TECHNICAL SPECIFICATION WASTE SHREDDER FOR BMW

1. Capacity: 15-20 Kgs / Hr. (Approx.)
2. Should be made by heavy duty frame with powder coated M.S. Sheet /angles.
3. The hopper, Cutting Chamber and collection Trolley or bucket of the shredder should be made by SS sheet
4. The Hopper should be designed to accommodate the waste bag full of Biomedical waste. Loading Hopper Size: minimum 260 mm x 280 mm for Continuous feeding,
5. Equipment should design permits easy and safe loading of material through sturdy hopper and collection of shredded material in container avoiding spill over and prevent flying particles and aerosols. The shredding process being in closed system.
6. Cutter should have movement in forward and reverse direction to avoid clogging of material.
7. Motor capacity: Minimum 1 HP, 440 VAC, 3 ph.
8. Power supply: 440 VAC, 3 ph 50 Hz supply.
9. The Shredder Blade shall be non corrosive & Hardened Steel.
10. Type of Material can be shred: All Bio Medical waste like I.V. sets, Syringes, Blood/Urine bags & Plastic bottles etc.
11. Its Motor should have overload protection.
12. Equipment should be easy to clean and easy maintenance.
13. Equipment should be shock proof and insulated as per safety norms.
14. Equipment should be ISI/CE approved product,
15. Manufacturer should be ISO 9001 certified for quality standards.
16. User manual with trouble-shooting guidelines should be provided by supplier.
17. **Guarantee:** Two years on equipment from the date of installation.
18. **CMC:** CMC will be given @ 5 % (of net rate - inclusive of Excise Duty & exclusive of VAT / CST etc.) plus service tax (as applicable) and yearly escalation of 5 % on last year's CMC price. The CMC may be awarded for five years (on yearly basis) after completion of Guarantee period of two years.
19. User manual with trouble-shooting guidelines should be provided by supplier.
20. Supplier has to install the shredder, free of cost, make it functional and provided training to the concerned staff for its functioning.
21. The service engineer should be based in Rajasthan.
22. Demonstration of equipment is must for technical approval.
23. The company should mention the make & model name / number of the quoted equipment and submit the technical brochure of the quoted model in the Technical bid along with compliance sheet as per technical specifications.
24. Gear Box Covers should be powder coated.
25. Both Fan belts should have equal tension.

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**Executive Director (EPM)**  
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**Jaipur**