

# Medical Waste Shredders

## Safer & Easier Waste Disposal

The medical waste shredder uses a dual process to convert medical waste into non-category, ordinary waste which can then be disposed using the regular waste disposal system. LuxMed® shredder grinds the waste to fine particles before sterilization using Steam Sterilizer technology.

Medical waste shredders are used to reduce the volume and size of medical waste, making it safer and easier to handle, store, and dispose of, while also preventing potential reuse of sharps and other contaminated materials.

Here's a more detailed explanation of their usage:

**Volume Reduction:** Shredders physically break down medical waste into smaller, more manageable pieces, significantly reducing its overall volume.

**Safety:** Shredded waste is less likely to cause injuries or spills, and it is easier to transport and store.

**Preventing Reuse:** Shredding renders sharps and other medical items unrecognizable and unusable, preventing potential reuse and the spread of infections.

**Disposal:** After shredding, the waste can be disposed of using regular waste disposal methods, reducing the need for specialized handling and transportation.

**Types of Waste:** Medical waste shredders can handle a variety of materials, including sharps, plastics, fabrics, and other contaminated materials.

**Disinfection:** Some shredders are integrated with disinfection systems to further reduce the risk of infection.

**Cost Reduction:** Shredding can reduce the overall cost of medical waste management by lowering transportation and disposal costs.



The medical waste shredder uses a dual process to convert medical waste into non-category, ordinary waste which can then be disposed using the regular waste disposal system. LuxMed® shredder grinds the waste to fine particles before sterilization using Steam Sterilizer technology.

### Common medical waste that needs to be shredded are:

Ampoule	Glucose bottle	Bloody bags
Blister packaging	Used needles	Syringe
Scalpel	Lancet	Catheter
Salt water pipe	Salt water bottles	Bandage
Dressing	Cotton swabs	The red bag
Expired or unused medicines	Abandoned gloves	Teat glass
Other medical waste		

### Medical Waste Shredders - Model and Sizes

Model	Shredder Motor Power (HP)	Shredding Chamber Size (mm)
LM-SS-300-MS	5.5	510×300
LM-SS-400-MS	7.5	510×400
LM-SS-600-MS	7.5+7.5	510×600
LM-SS-800-MS	11+11	600×800
LM-SS-1000-MS	18.5+18.5	800×1000
LM-SS-300-SS	5.5	510×300
LM-SS-400-SS	7.5	510×400
LM-SS-600-SS	7.5+7.5	510×600
LM-SS-800-SS	11+11	600×800
LM-SS-1000-SS	18.5+18.5	800×1000

