



# SHRED-FEED SYSTEMS

Assured Piece Size for Thermal Product Destruction

*innovative waste processing systems*

### MATERIALS PROCESSED:

- Special Waste
- Mixed Waste
- Contaminated Waste
- Infectious Waste
- Radioactive Waste
- Industrial Hazardous
- Plastics
- Cloth
- Wood Waste
- Polymers
- Rubber
- Boxes
- Loose Waste
- Bagged Waste
- Fiber Materials
- Electronics

### UTILIZATION BY:

- Plasma Technologies
- Energy Recovery Systems (Industrial, Utilities, etc.)
- Rotary Incineration Technologies
- Gasification Technologies
- Fluidized Bed
- Government Contracts (weapons destruction, low grade radioactive contaminated material reduction, site remediation)

### BENEFITS:

- Shred and Feed - One Machine
- Continuous Output
- Increased safety for operating personnel
- Simple, Self Contained System
- Containment of fugitive emissions due to fully enclosed system design
- Variable Feed Rate
- Controlled Product Size
- Hydraulic or Electric Drive
- Simplified maintenance due to the modular Design



Air-Lock chamber



*Hazardous Waste Shred/Feed System with water cooled extrusion tube, bulk and contaminated air lock in-feed.*



Bulk Feed Hopper with Rotary Air-lock Valve.



Recycling Shredder with screen allows desired piece size.



Feeder with continuous, variable feed rate producing air-sealed plug.



Extrusion Tube with material output.

### Optional Accessories

- |                                 |                                     |
|---------------------------------|-------------------------------------|
| • Service Platform              | • Water Cooled Alloy Extrusion Tube |
| • Fire Suppression System       | • Volumetric Flow Control           |
| • Custom Designed Support Stand | • Rotary Isolation Gate             |
| • Elevators                     | • Airlock Chambers                  |
| • Video Monitoring              | • Skip Hoist                        |
| • Electronic Oxygen Monitoring  | • Conveyors                         |
| • Nitrogen Purging              |                                     |

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U. S. and Foreign Patents Issued and Pending



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Or E-mail us at: [info@komarindustries.com](mailto:info@komarindustries.com)





Air-lock system available for medical waste.

- Proven Design
- Standard and custom sizes
- Containerized or bulk in-feed



Feeder for per-shred materials.



*Komar Hazardous waste Shred/Feed System with single drum air-lock and hydro-mechanical drive.*



Quad medical waste shredder with infeed ram & dumper.



Quad medical waste shredder with infeed ram & output conveyor.



Infectious Waste



Screen Sizes of  
.5" - 4"

Komar Industries, Inc. custom engineers, manufactures, installs, and services complete waste processing systems for virtually all types of solid, semi-solid, hazardous, and non-hazardous materials and waste streams.

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Video Demonstrations  
Available