

Battery In Device Shredding (BIDS23) - Process Line

Process line will deliver in single 40' container

Setup and commissioning will be 1 week

Required 2" water line & 150 amp service on site

Designed and built in the USA

Process line can be easily altered depending on country of operation to meet specific requirements

ROI of 12-24 months, depending on feedstock

1. Self Feeding Hopper can hold 1000kg of material
2. Wet shredding of electronics (electronics smaller than a laptop base)
3. Metals, plastics, and battery material will be separated using technology (liquid density separation) used in multiple industries currently
4. Steel, plastics, circuit boards/copper, and battery black mass will be separated immediately following shredding
5. Any emissions from shredding will be collected by wet venturi scrubber to ensure no emissions are vented into atmosphere and all liquid is contained inside the process line

