

# TEK TOPICS

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## WHAT MATERIALS CAN THE ALPHA 7400 SAFELY PROCESS?

Below are processing guidelines for the ALPHA 7400 powered by the ALPHA 2100. While this list is not complete, it is intended to show examples of the size and type of materials that can be processed and those that need to be avoided.



### CHARGE!

- » **COMPLETE AUTOS AND TRUCKS** — Including engines, axles, transmissions, wheels, leaf springs, torsion bars, etc.
- » **WHITE GOODS** — washers, dryers, refrigerators, hot water heaters, lawn mowers, bicycles, etc.
- » **MISCELLANEOUS STRUCTURAL SHAPES** — angle iron, channel, I-beams, and pipe with maximum material thickness not exceeding 3/8".
- » **PLATE** — up to 1/4" thick that has lots of holes cut in it can also be shredded. It is important that they are not "laminated" (multiple layers), and enter only one at a time with other loose scrap.
- » **REBAR** — smaller than 5/8" in diameter. Put into the shredder with other loose scrap.

#### PLEASE NOTE:

- » Combustible items must be removed from all inflowing materials.
- » Batteries, Mercury switches, Freon, all oils, asbestos, any hazardous material, etc. must be removed prior to entering the shredder. See the 3Tek Owning and Operating Manual for more information.
- » US Recycling Yards are required to document the procedures followed to ensure proper removal and containment of hazardous materials.



### HALT!

- » **PLATE** — of any size thicker than 1".
- » **SOLID STEEL SHAFTING** — larger than 3" in diameter and longer than 24".
- » **FABRICATED ITEMS** — built like a box, may need to be crushed or collapsed so they can be fed under the feed rolls and fit through the shredder opening of 32".
- » **STRINGY MATERIAL** — wire rope or cables longer than 10 feet should absolutely not be fed into the shredder. There is significant risk of long material entering the shredder, wrapping around the rotor and being pulled in at a very high speed, possibly causing death or injury to anyone near the shredder.

At 3TEK, we think differently. We believe the scrap industry is ready for a change in where it processes scrap. Everything we do is aimed at providing affordable, reliable processing and sorting equipment to the smaller yard.



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