

## Solid Equipment Electric Motor Recycling Machine [Inventory ID #1408229]



### Solid Equipment Electric Motor Recycling Machine

- Make: Solid Equipment
- Model: YW80811
- Type: Electric Motor Recycling Machine
- Style: Single Platform
- Year: 2021
- Condition: Used, Reported in Good Condition
- Electrical Requirements:
  - Voltage: 240 Volts
  - Frequency: 60Hz
  - Phase: 3-Phase
- Description: The industrial electric motor recycler from Solid Equipment Company employs a three-stage process to harvest the valuable material within.
  - Stage One: The operator initiates the separation and removal of the outer casing to expose the elements of the electric motor. With extreme high pressure exerted by the splitting apparatus, the cast iron or aluminum housing is cut on opposing sides to separate and peeled away to expose the inner workings. The anchor/rotor is then removed.
  - Stage Two: The second stage is the cleaving of the stator or transformer block into two equal pieces. By opening these up, copper coils are now exposed and ready for separation from the remaining parts and materials.
  - Stage Three: The third stage of the process involves pulling the copper wiring

away from the surrounding metal through which it had been threaded by means of a complex hydraulic system. The housing is literally pulled away, leaving the copper wiring fully exposed and unattached.

- Location: Eastern Canada

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