**BASES**

- **Base End Wall**
  1" thick A572 GR 50 steel used for supporting the Rotor Drives and as the foundation for the base.

- **Rotor Surface Wear Plates**
  3/8" AR400 steel welded onto Rotor Drum for added strength and durability.

- **Inserts**
  Forged steel with tungsten carbide applied for extended wear.

- **Hammer/Insert Holder**
  2-1/2" thick AR400 steel welded to the rotor tube for secure bolting of inserts.

- **Grate**
  1" thick made from AR400 steel. Grates are available in various sizes for the final sizing of material.

- **Pivoting Grate Support/Cradle**
  2" thick A572 GR 50 steel used for supporting and easy access to grates for changing.

**BENEFITS**

- The HT1042 is an aggressive, versatile slow-speed shredder that can be used to pre-shred or make the required end product size.
- Designed as a universal machine for reducing wood (demolition wood, green waste, etc.), industrial waste (construction, demolition, tires, plastic, etc.) and other waste streams.
- Like all Morbark equipment, the HT1042 slow-speed shredder is a long-lasting, durable machine backed by a world-class parts and service support team.

**SPECIFICATIONS**

**General**
- Machine weight: 70,547 lbs.
- Length (transport): 32'5"
- Length (operating): 51'7"
- Height (transport): 13'
- Height (operating): 11'1"
- Width: 8'4"
- Discharge Height: 15'
- Gross weight: 70,547 lbs.
- Engine: CAT or Scania
- Horsepower: 440 – 600 HP
- Fuel capacity (tank): 184 gallons
- Hydraulic oil capacity: 200 gallons
- Rotor Chamber: 3'6" x 9'8"
- Rotor Length: 9'10"
- Rotor Diameter: 3'5"
- Rotor Weight: 9,500 lbs.
- Rotor speed variable: 0 to 40 RPM
- Rotor torque: 2.2 million inch pounds

**Belly Conveyor**
- 17'10" x 40", pan support with Dura-lite™ slides, EP 400/3 smooth belting.

**Stacking Conveyor**
- 25'6" x 48", pan support with Dura-lite™ slides, 3-ply aggregate belt with chevron cleats.

**COUNTER KNIFE/ANVIL TOOTH ASSEMBLY**
- 1-1/4" AR400 steel welded to 1" A572 GR 50 steel. This assembly is where the hammer passes through to make the initial cut/breakdown of the material.

**COUNTER KNIFE/ANVIL DOOR LOCATION ADAPTERS**
- Made with 1-1/2" A572 GR 50 steel, the Anvil/Counter Knife door can be arranged in 6 different positions. This changes the opening between the hammers and counter knives for ease of altering the size of the end product.