

MORBARK® HT1042 SHREDDER

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, ect.), 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

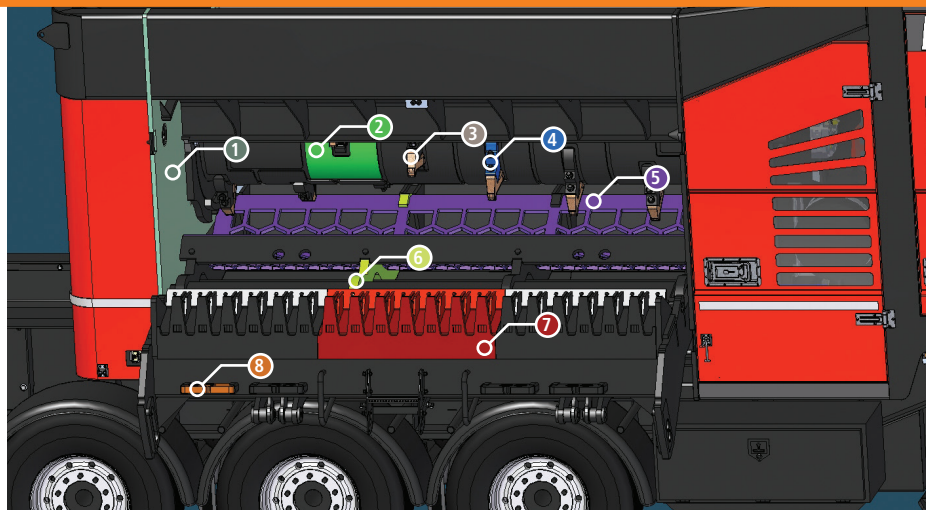
Belly Conveyor

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.

SPECIFICATIONS MAY VARY WITH EQUIPMENT OPTIONS 4/7/16



1 Base End Wall

1" thick A572 GR 50 steel used for supporting the Rotor Drives and as the foundation for the base.

2 Rotor Surface Wear Plates

3/8" AR400 steel welded onto Rotor Drum for added strength and durability.

3 Inserts

Forged steel with tungsten carbide applied for extended wear.

4 Hammer/Insert Holder

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

5 Grate

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

6 Pivoting Grate Support/Cradle

2" thick A572 GR 50 steel used for supporting and easy access to grates for changing.

7 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.

8 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.



MORBARK®
 BUILDING EQUIPMENT THAT CREATES OPPORTUNITIES

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