

# 6090 Automobile Shredder



The 6090 Shredder by **WENDT** offers an efficient design with a small footprint and low cost of ownership. With over 25 installations, the **WENDT** 6090 Shredder is the new global standard for smaller scale auto shredders.

- **Estimated Capacity:**  
3,200–9,600 input net tons per month  
\*Based on 8 hours x 21 days
- **Standard Drive Packages:** 1,250–2,500 HP
- Typical Feedstock: **Whole Automobiles**, Light Iron, White Goods, Aluminum

- **Precision-engineered Bowe low maintenance DISC Rotor** for performance and increased durability
- **Optimized shredder geometry** for maximum throughput for the available HP
- Top and bottom discharge to maximize open area for **optimal shredding efficiency**
- Designed to operate at the **lowest cost per ton** in its class size
- **Advanced hydraulic system** with IoT Sensors for remote diagnostics, tracking and smart water injection
- **State-of-the-art control system** with **WENDT AutoDriver** for automatically controlling infeed conveyor and feed rolls and maintaining maximum performance
- **Designed for shipping** – Minimize total project cost with the ability to choose final assembly methods to minimize shipping and/or on-site assembly costs



## MATERIALS



Auto Shred



Low Copper Shred



Clip

**WENDT's** leading 6090 shredder design is now available in three different installation configurations: **Stationary, Modular, and Tracked.** Designed to provide our customers with the ultimate flexibility to fit any business model, the 6090 Shredder delivers the same level of quality and performance that **WENDT** is known for.





# 6090 Automobile Shredder Installation Configurations



**WENDT CORPORATION** is a world leading provider of completely integrated scrap processing systems. Beyond our extensive equipment portfolio, **WENDT's** in-house team of engineers, project management, sales and service help us deliver unique value and a competitive advantage to our customers. The combination of our proven equipment, processes and innovative technologies are what make **WENDT** a world-class recycling equipment provider.

**WENDT offers a wide range of installation configurations that are tailored to meet the needs of our customers and their specific markets.**

## 6090 (Stationary)



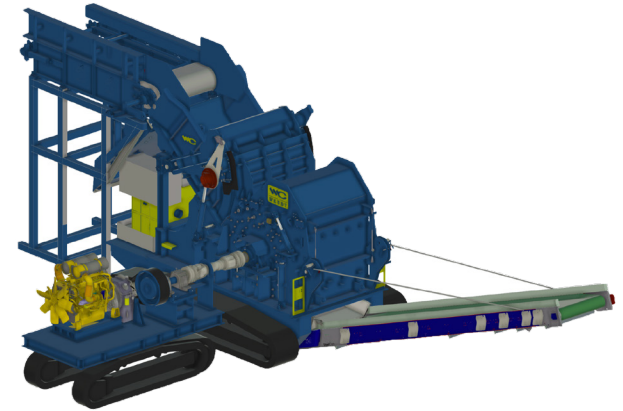
- Static Configuration
- Designed for 30–60 input TPH  
\*based on selected drive
- Requires permanent building for installation & protection of critical equipment
- Requires above-grade concrete piers for support of shredder
- Lowest capital equipment cost with higher total installed cost
- Ideal for existing shredders looking to upgrade

## M6090 (Modular)



- Modular Configuration
- Designed for 30–60 input TPH  
\*based on selected drive
- Includes pre-wired & plumbed components for faster installation
- Modular houses protect critical components, eliminating need for permanent buildings
- Structural steel supports replace the need for above-grade concrete piers
- Higher capital equipment cost with lower total installed cost (market dependent)

## T6090 (Tracked)



- Tracked Configuration
- Designed for 20–35 input TPH  
\*based on selected drive
- Components delivered on mobile track units
- Diesel power options eliminate the need for on-site electricity
- Can be classified as “mobile equipment” for permitting
- Requires compacted gravel, eliminating the cost of concrete/foundation
- Lowest total installed cost

# 6090 Automobile Shredder Specifications

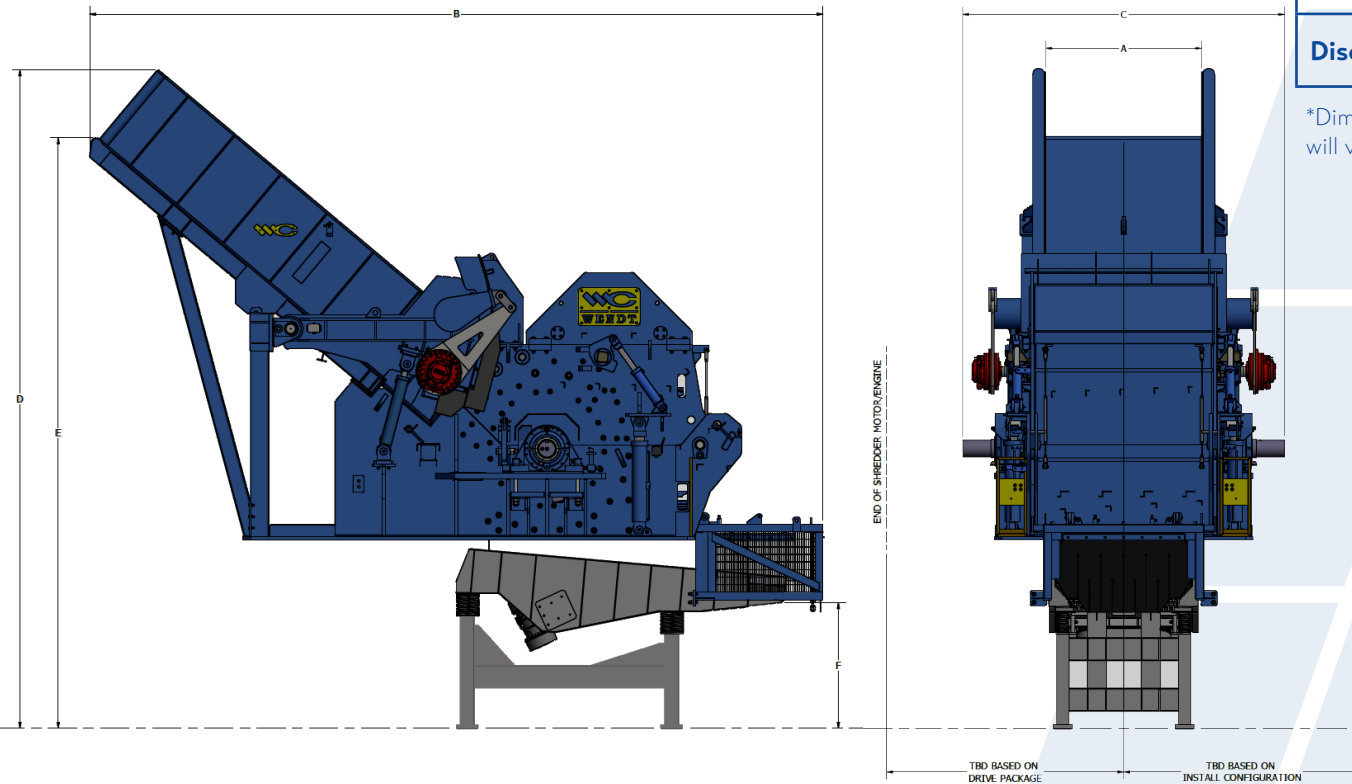


SPECIFICATIONS	
<b>Rotor Type:</b>	DISC
<b>Rotor RPM:</b>	675 RPM
<b>Hammer Swing:</b>	62 <sup>3/4</sup> in (1,594 mm)
<b>Hammer Weight:</b>	232 lbs (105 kg)
<b>Bearings:</b>	260 mm
<b>Installed Fluid Power:</b>	175 HP
<b>Single Feed Roll:</b>	Dual CA-140

PRIMARY DRIVE OPTIONS				
	1,500 HP ELECTRIC	2,500 HP ELECTRIC	1,250 HP DIESEL	2,100 HP DIESEL
<b>Input TPH</b>	30	60	20	35
<b>Input TPM (160 HRS)</b>	4,800	9,600	3,200	5,600
<b>Output Scrap Density</b>	75-95 lbs/ft <sup>3</sup> (1.2-1.5 T/m <sup>3</sup> )			

DIMENSIONS			
	Stationary	Modular	Tracked
<b>Working Width (A):</b>	82 in (2,083 mm)		82 in (2,083 mm)
<b>Overall Length (B):</b>	386 in (9,804 mm)		280 in (7,112 mm)
<b>Overall Width (C):</b>	170 in (4,318 mm)		170 in (4,318 mm)
<b>Overall Height (D):</b>	348 in (8,839 mm)		244 in (6,198 mm)
<b>Feed Height (E):</b>	308 in (7,823 mm)		210 in (5,334 mm)
<b>Discharge Height (F):</b>	68 in (1,727 mm)		37 in (940 mm)

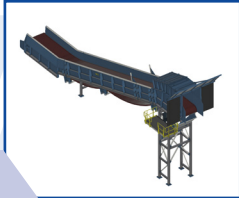
\*Dimensions do not include drive components or pin puller as these will vary based upon final selection.



## INFEED CONVEYOR OPTIONS

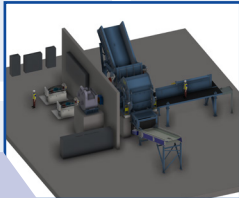


Inclined Load Only



20' Horizontal Load

## INSTALLATION OPTIONS



Stationary



Modular

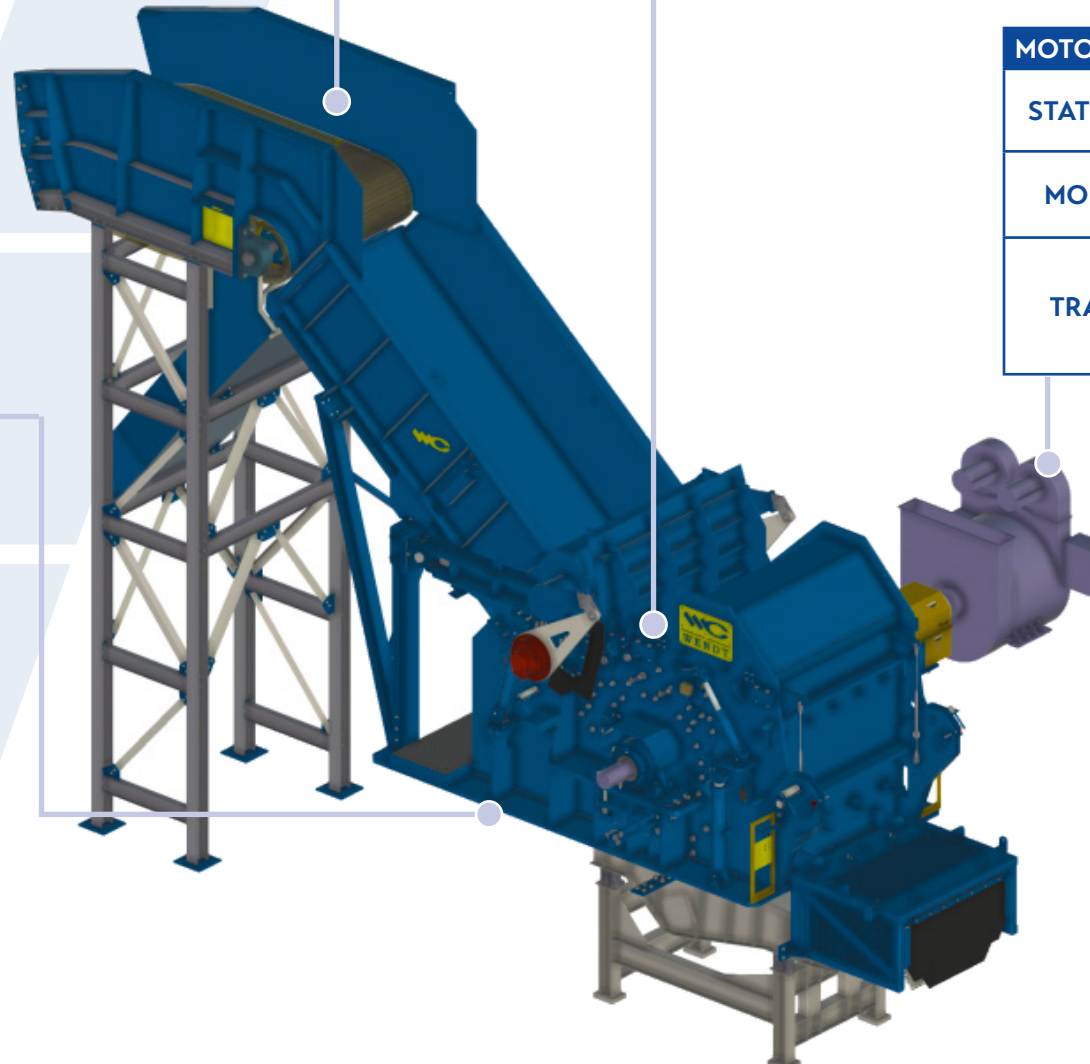


Tracked

# 6090 Automobile Shredder

## STANDARD CONFIGURATION

- Feed Chute
- Feed Roll
- Shredder Box
- DISC Rotor
- Castings
- Pin Puller
- Springs
- Auto Driver Control System
- Hydraulic Power Units
- Undermill Oscillator
- Commissioning and Training



## MOTOR OPTIONS

### STATIONARY

- 1,250 HP Diesel Engine
- 2,100 HP Diesel Engine
- 2,500 HP DC Motor

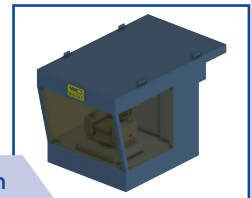
### MODULAR

- 1,500 HP AC Motor
- 2,500 HP AC Motor

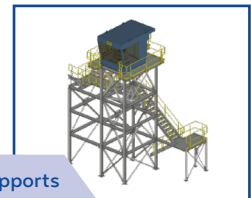
### TRACKED

- 1,250 HP Diesel (Mobile)
- 2,100 HP Diesel (Mobile)
- 1,250 HP Diesel (Skidded)
- 2,100 HP Diesel (Skidded)

## MISC. OPTIONS



Control Cabin



Control Cabin Supports