



KOMPTECH
AMERICAS

TERMINATOR

LOW-SPEED HIGH TORQUE, SINGLE SHAFT SHREDDER
UNIVERSAL APPLICATION
FLEXIBLE PARTICLE SIZE





HIGHLIGHTS



- » Full access to all maintenance points and the shredding chamber
- » Numerous options for more functionality and ease of use
- » Shredding the most difficult materials such as tires, heavy C&D, mattresses and carpeting
- » U.S. designed high clearance chassis protects the belt and prevents blockages



TERMINATOR MOBILE

The Terminator is a low speed, single-shaft shredder for all types of waste. The continuous cutting gap adjustment allows for precise setting of the particle size for subsequent process steps. There are three different shredding unit configurations available which are designed for specific applications. A redesigned control panel offers greater flexibility and efficiency, with fine tuned shredding. The mobile Terminator gives you the choice between hook, three-

axle trailer or tracked versions. Complete maintenance access is standard on all versions. Large doors grant access to all maintenance points, while the hydraulically movable counter comb enables problem-free access to the shredding chamber. Options such as the overbelt magnet or magnetic head pulley, remote control, central lubrication and much more provide additional functionality and convenience.



**U (Universal) -
for coarse shredding**



**F (Fine) -
for a wide range of uses**



**XXF (Extra Extra Fine) -
for the finest shredding**

The drum has two spiral rows of triangular teeth, 30 in all. The spiral arrangement ensures proper movement and even shredding. The 16 teeth on the counter comb are a perfect fit for the geometry of the drum teeth.

- Ideal for initial breakup
- Very contaminant-resistant
- Triple-use drum teeth
- Cutting gap adjustable from 1/4"-3"/5-80 mm
- For bulky waste, municipal waste, white goods, waste wood, railroad ties, mixed construction waste, etc.

The drum has two spiral rows of left and right cutting rectangular teeth, 16 per row. The degree of shredding can be set by adjusting the radial cutting gap. The fixed axial cutting gap provides a defined shred. The mounting system on the counter comb keeps teeth firmly in place while allowing easy tooth replacement.

- Perfect as a pre-shredder for treatment systems
- Large profile teeth for aggressive feed
- Radial cutting gap adjustable from 0-2"/0-45 mm
- Double-use drum teeth
- For municipal waste, bulky waste, commercial waste, waste wood, etc.

The XXF drum has 22 F drum teeth. The teeth are arranged in a chevron pattern that moves the material flow to the middle of the drum. The axial cutting gap is just 2 mm, while the radial cutting gap is hydraulically adjustable from 0-2"/0 to 45 mm.

- Ideal for preparing tire and refuse-derived fuel
- Full shredding force concentrated on one tooth
- For commercial waste, bulky waste, waste wood, tires, etc.

SHREDS ANYTHING



Tires



Mattresses & Bulky Waste



Carpet



MSW



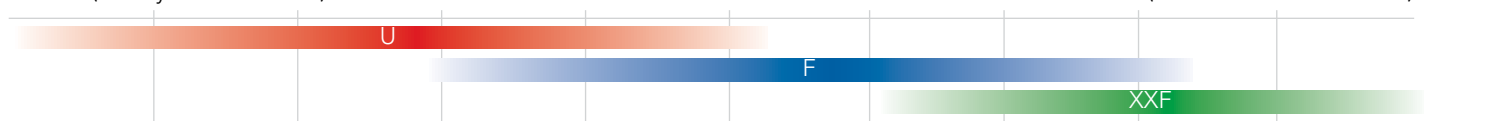
Heavy C&D



White Goods

Coarse (mostly > 9"/250 mm)

Fine (almost all < 4"/100 mm)



INSIDE THE MACHINE

The Komptech brand stands for quality, reliability and value retention. Only top quality components are used in the Terminator, from the engine to the discharge conveyor.

The power plant of the mobile Terminator is a modern Caterpillar® engine. The complete enclosure of the engine compartment reduces noise emissions to a minimum. The hydraulic drum drive with load-dependent speed control develops the maximum shredding force. The drum can reverse at any time to prevent blockages, redistribute material, and clean the drum. If a massive contaminant gets into the shredding chamber, the overload protection feature prevents tooth or machine damage.

The organization of the function keys makes operation simple and user friendly. Electronic controls constantly monitor the operating status and intervene to protect the machine if there is a fault.

01

Folding hopper for large loading area

02

Drum with spiral tooth arrangement

03

Powerful Caterpillar® diesel engine with latest emission controls

04

Adjustable counter comb

05

Hydraulically extended overbelt magnet





Engine

- » CAT engine up to 600 HP Tier 4 Final emission standard
- » Powerful cooling system for engine and hydraulics
- » Easy access to all maintenance points



Hydraulics

- » Load-dependent speed control
- » Starting and reversing even under load
- » Variable speed, variable torque system



Operator console

- » User friendly operating console
- » Monitoring by on-board computer
- » Reversing program adapts to material and allows for self-cleaning of the drum



Loading/discharge

- » Wide discharge channel with excellent access to the discharge conveyor
- » Folding hopper for easy material feed
- » Infinitely adjustable discharge conveyor inclination



Adjustable counter comb

- » Easy adjustment of output particle size
- » Excellent access to the shredding chamber
- » Various tooth configurations



01

Accessibility

The engine compartment design allows for all maintenance to be performed from outside the machine. Easy access doors and fold-out platforms provide a safe and comfortable working environment.



02

High clearance chassis

A standard U.S. feature is the high clearance frame. The 16" extension added to the discharge channel allows coarsely broken and bulky items to easily clear the machine.



03

Metal removal

The overbelt magnet is now mounted in a specially designed, infinitely adjustable holder that gives parallel positioning of the magnet over the discharge conveyor regardless of the conveyor angle. This gives the best possible separation performance in all working positions.



04

Simple Controls

The new operating console with its large color display makes it easy for new users to work with the machine, and gives pros many ways to optimize operation. The operating panel clearly shows all functions and operating status with symbols and color coding.



05

Loading made easy

Load material into the big hopper - the machine does the rest. Hydraulic folding hopper sidewalls make the already generous shredding chamber even bigger, for a loading volume of up to 9 yd³ / 7 m³.

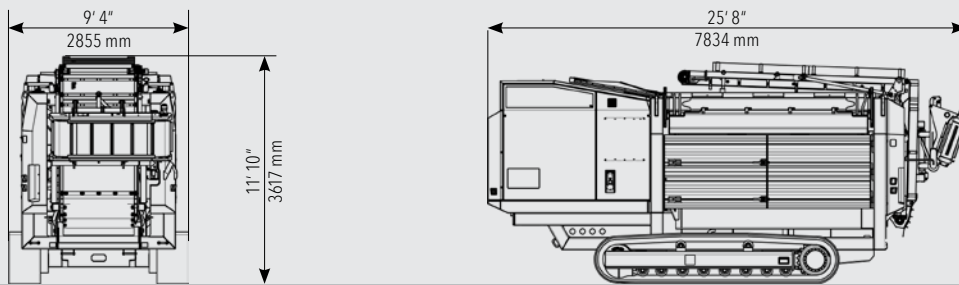


06

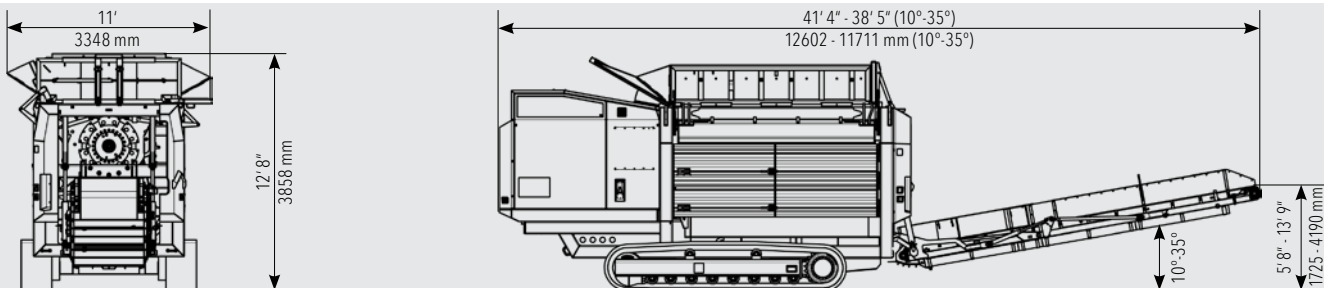
Customization

Optional accessories let users configure the Terminator for the exact task. Central lubrication simplifies maintenance. Wireless remote control gives push button control. A misting system minimizes dust, while an extended discharge conveyor allows for higher material piles.

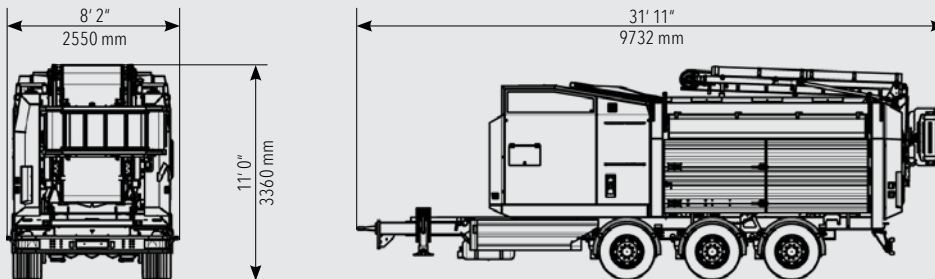
Track



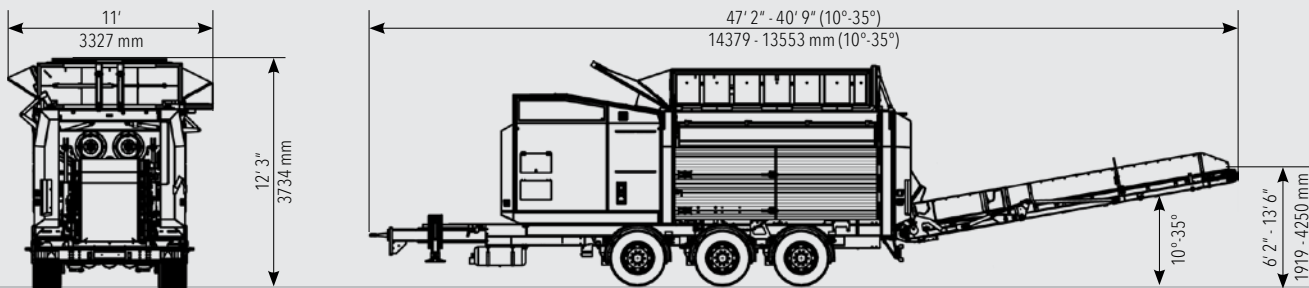
Track



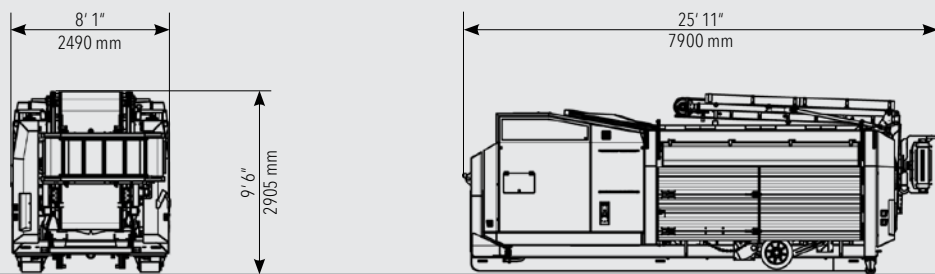
Trailer



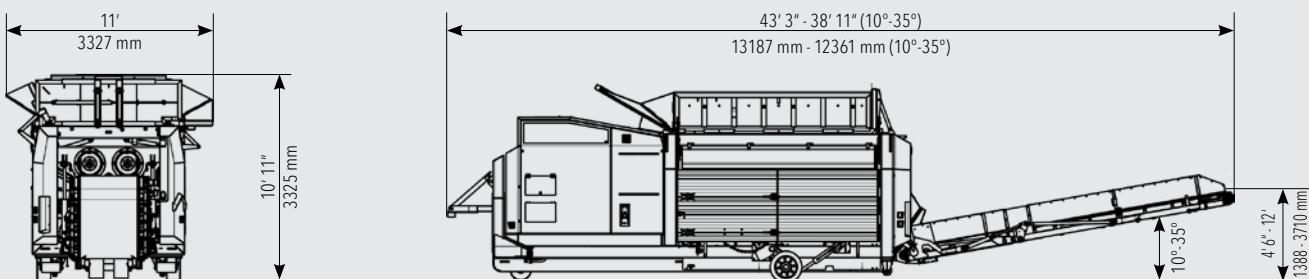
Trailer



Hook



Hook





	3400 S	5000 S	6000 S
Engine			
Diesel engine:	CAT @ C9	CAT @ C13	CAT @ C18
Power (kW / HP):	242 / 330 Drum drive on both sides	328 / 446 Drum drive on both sides	429 / 583 Drum drive on both sides
Shredding unit			
Drum rpm:	max 29	max 32	max 38
Drum length:	9' 10" / 3000 mm		
Drum diameter:	3' 5" / 1050 mm		
Loading heights			
Loading heights:	Track: 9' 6" / 2906 mm	Trailer: 9' 7" / 3005 mm	Hook: 8' 1" / 2596 mm
Discharge heights (10°-35°):	Track: 5' 8" - 13' 9" / 1725 - 4190 mm	Trailer: 6' 2" - 13' 6" / 1919 - 4250 mm	Hook: 4' 6" - 12' / 1388 - 3710 mm
Dimensions transport position/working position (Conveyor belt 35°)			
L x W x H Track:	25' 8" x 9' 4" x 11' 10" / 7834 x 2855 x 3617 mm 38' 5" x 11' 0" x 12' 8" / 11711 x 3348 x 3858 mm		
L x W x H Trailer:	31' 11" x 8' 2" x 11' 0" / 9732 x 2550 x 3360 mm 40' 9" x 11' 0" x 12' 3" / 13553 x 3327 x 3734 mm		
L x W x H Hook:	25' 11" x 8' 1" x 9' 6" / 7900 x 2490 x 2905 mm 38' 11" x 11' 0" x 10' 11" / 12361 x 3327 x 3325 mm		
Weight (dependent on equipment)			
Track:	~ 29.6 t.sh ~ 26.9 t	~ 29.8 t.sh ~ 27.1 t	~ 30.4 t.sh ~ 27.6 t
Trailer:	~ 27.2 t.sh ~ 24.7 t	~ 27.4 t.sh ~ 24.9 t	~ 28.1 t.sh ~ 25.5 t
Hook:	~ 24.1 t.sh ~ 21.9 t	~ 24.3 t.sh ~ 22.1 t	~ 24.9 t.sh ~ 22.6 t
Throughput (dependent on material)			
Performance:	up to 50 t.sh/h up to 45 t/h	up to 80 t.sh/h up to 71 t/h	up to 110 t.sh/h up to 100 t/h
Options			
Armoured drum teeth, forward movement device (Hook, Trailer), towing unit (Hook), remote control, central lubrication, over-belt magnet with swinging arm, magnetic pulley etc.			



10855 DOVER STREET, STE. 1000
WESTMINSTER, COLORADO 80021

[t] +1 (720) 890-9090
[f] +1 (720) 890-5907
[e] info@komptechamericas.com
[w] www.komptechamericas.com

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