

TANA

TANA MULTI WASTE BUCKETS

TANA MWB | PRE-SHREDDING BUCKETS

TANA FROM WASTE TO VALUE®

Changing the narrative of pre-shredding



Pre-shredding is the first step in efficient waste processing, where bulky, mixed, or unsorted materials are reduced into smaller, manageable pieces to improve downstream sorting, screening, recycling, and energy recovery.

The TANA Multi Waste Bucket (MWB) is a pre-shredding bucket for wheel loaders, material handlers, and excavators. It brings pre-shredding directly to the loading stage, enabling crushing, mixing, and bag opening without a separate shredder.

With the TANA MWB, you can reduce transport volumes, lower operating costs, improve material recovery, and achieve a safer, more efficient waste processing operation.

A large industrial shredder machine, the TANA MWB17, is shown in a dark, industrial setting. The machine is black with yellow accents and the TANA logo. The MWB17 model number is visible on a circular plate on the left side. The shredder's internal components, including the rotating shafts and shredding discs, are visible through a transparent section of the machine's housing. The lighting is dramatic, highlighting the machine's robust construction and the intricate details of its shredding mechanism.

TANA
MWB17

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Better flow, better results

- ▶ **Operational flexibility** – Pre-shredding can be done directly at the loading stage, adapting easily to different waste types.
- ▶ **Improved material recovery** – Better preparation of waste streams enables more accurate sorting and higher-value output fractions.
- ▶ **Improved safety** – Less manual handling and safer working conditions in waste yards and processing facilities.

Lower costs, smarter investments

- ▶ **Lower investment costs** – Pre-shredding with TANA MWB buckets reduces or eliminates the need for a separate pre-shredder.
- ▶ **Reduced transport and storage costs** – Smaller, denser material means fewer loads and better use of available space.
- ▶ **Lower operating and maintenance costs** – Reduced wear on downstream equipment and fewer processing bottlenecks.

Special features of TANA MWB

Three-axle design to enable efficient shredding

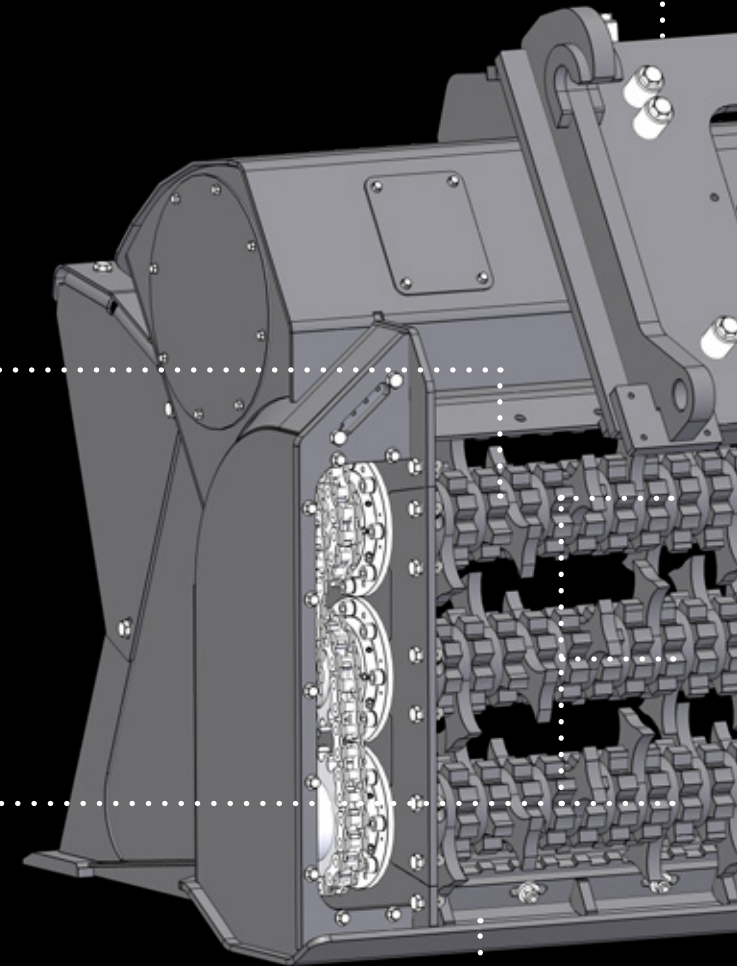
The upper and lower axles deliver 27% higher torque than the middle axle, enabling efficient cutting against fixed counter blades.

The middle axle runs 27% faster than the upper and lower axles, increasing capacity and creating a coincidental cutting pattern that prevents material wrapping.

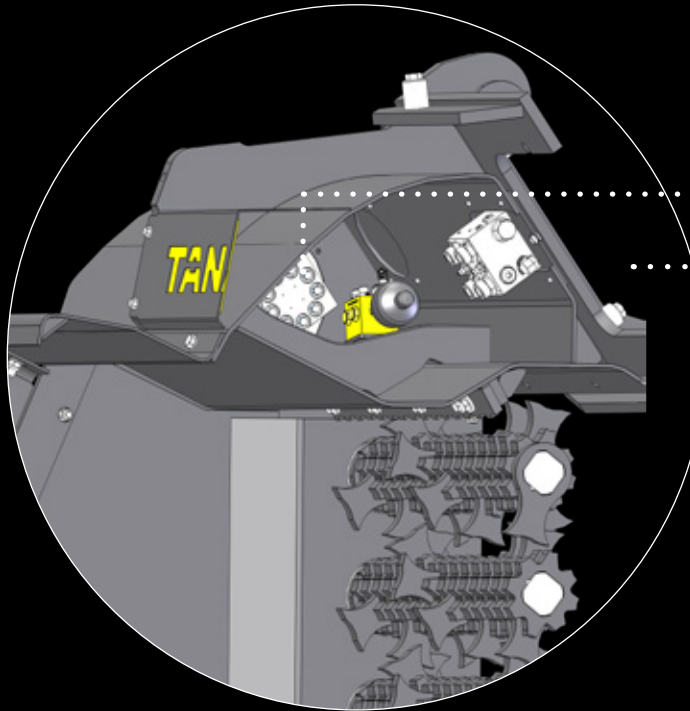
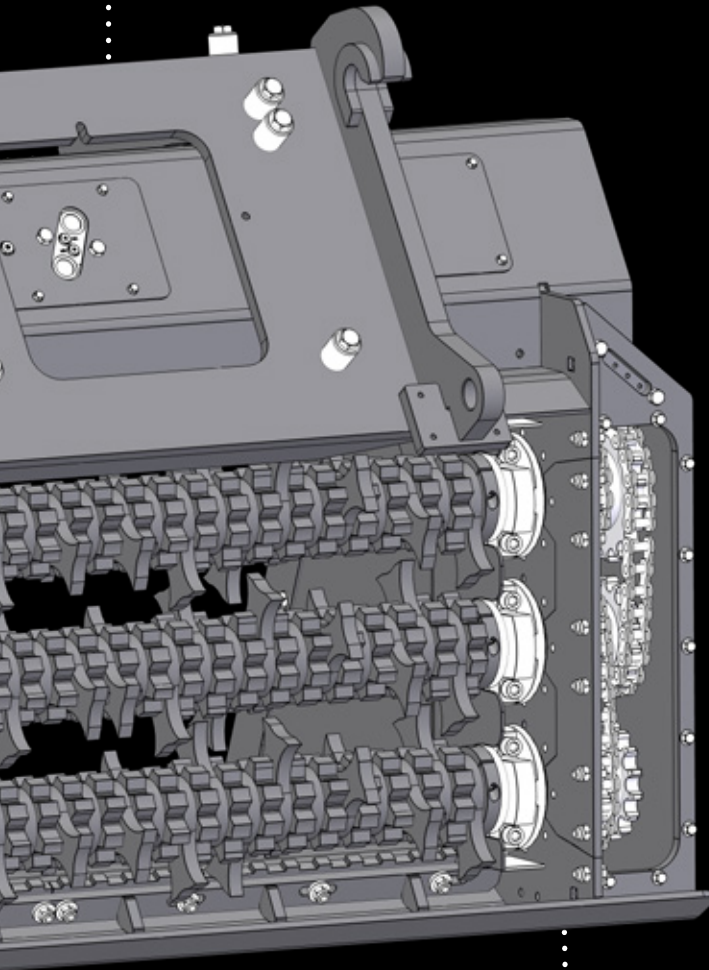
Main process direction enables material bed to turn constantly inside the bucket, maximizing the capacity.

Open structure allows fast, safe cleaning and reduced downtime.

Adapter plates are available to enable use with any wheel loader or material handler.



Drain line not needed – plug and play with any wheel loader.



Dual motors with heavy-duty double chain transmission maximize component lifetime and reliability.

Bi-directional axles enable continuous operation and high throughput.

Each axe blade works against a knuckled sleeve on the opposite axle, acting as a rotating counter blade. The low and high knuckles reduce wrapping and promote self-cleaning.

Axe-shaped blades enable safe manual sharpening without removing the rotors, minimizing maintenance time.

Patented bearing protection fender protects bearings from wrapping and contamination, extending service intervals.

Quick-change axle design with freely sliding blades and sleeves makes wear parts fast and easy to replace.

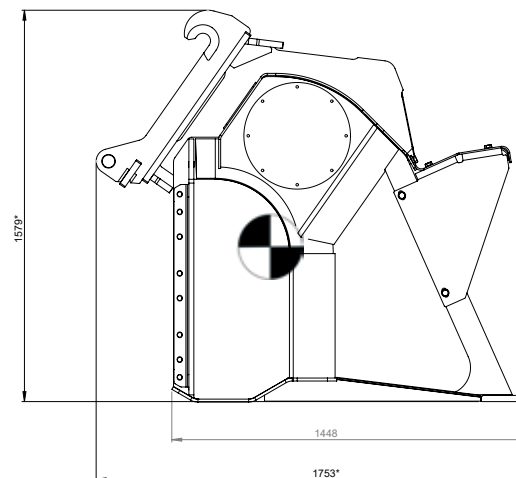
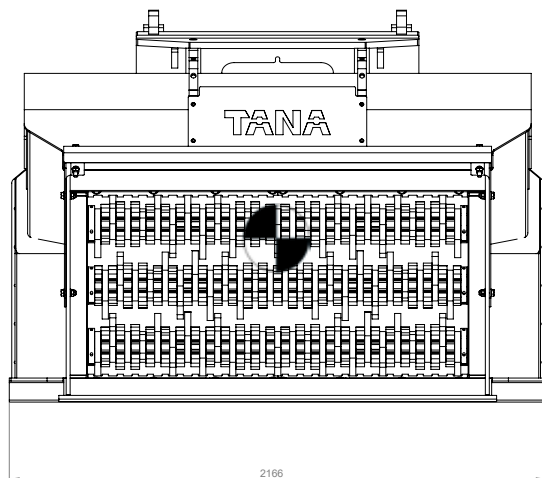
Technical features



- ▶ 25 mm axe blades with toothed ring sleeves
- ▶ Blades can be sharpened with an angle grinder
- ▶ Shafts and blades can be easily replaced
- ▶ A hydraulic attachment that gets its power from the base machine's auxiliary hydraulics
- ▶ Compatible with most waste yard machines (wheel loaders, material handlers, excavators)

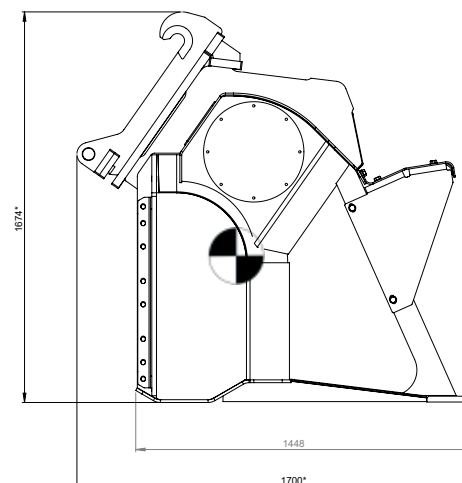
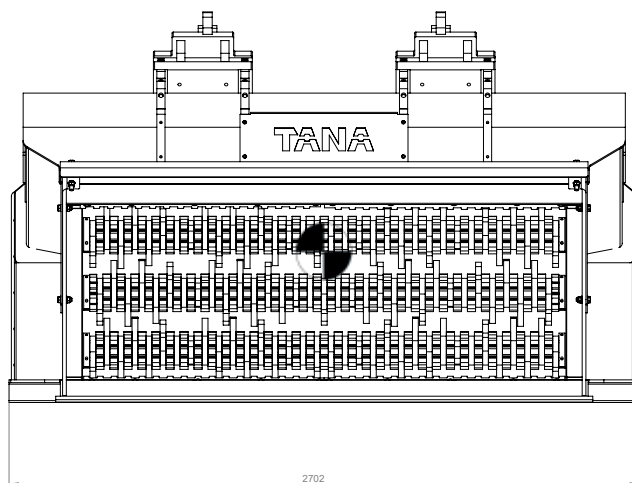
	TANA MWB17	TANA MWB23
Wheel loader range	10–15 tn	12–22 tn
Loading volume	1,2–1,6 m ³	1,6–2,1 m ³
Weight	2000 kg	2400 kg
Oil flow range	150–250 l/min	180–300 l/min
Max. inlet pressure	300 bar	300 bar
Axle revs	120–200 rpm	120–200 rpm
Motors	2 x MAV630	2 x MAV800

Produced particle size: 300-400 mm (2D)
Processing capacity: up to 90 m³/h



TANA MWB17

NOTE: Dimensions marked with '*' may vary between different adapter types



TANA MWB23

The TANA logo is positioned at the top left of the page. It consists of the word "TANA" in a bold, white, sans-serif font. The letter "A" is stylized with a small orange triangle pointing upwards from its center. The entire logo is set against a background of a dark blue, textured surface that resembles a metal grate or a series of raised rectangular blocks. An orange border frames the main content area of the page.

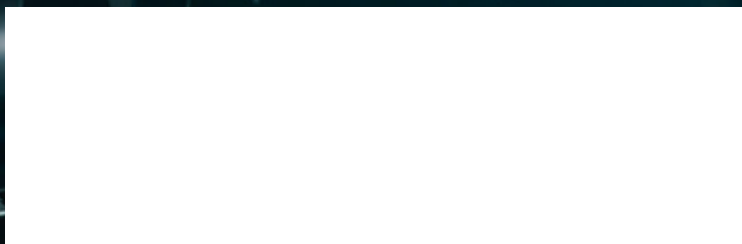
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