

# Maintenance Solutions for DOT & Road Work



Ballast Tools  
Equipment

Mobility • Productivity • Versatility



**Ballast Tools  
Equipment**

## **BTE Culvert Cleaner Systems**

Drainage issues causing flooding, washouts, or other highway, road, or driveway problems? BTE has designed a mechanical method to easily clean culverts without the use of water or vacuum support. Culverts more than 150 feet long can be cleared!

The BTE Culvert Cleaner uses multiple auger sections to clear clogged culverts. The drive box has a high torque, low speed sealed drive that can operate in tough conditions, even underwater if necessary. The stick mounted Rototilt system provides 360 degrees of rotation and 40 degrees of tilt for precision work. The excavator mounted system gives great mobility and access to difficult culvert locations.

Available in two sizes, for a mini or standard sized excavator, the BTE Culvert Cleaner System is an effective way for road departments to mechanically clear out small and large diameter culverts.

### **BTE-290 Mini Excavator Culvert Cleaner**

- Great for smaller diameter culverts
- Compact solution for working in tight areas
- Mini excavator solution for driveways and roads

### **BTE-313 Standard Excavator Culvert Cleaner**

- Handles large diameter culverts and longer runs
- Larger auger size with more powerful drive
- Standard sized excavator solution for highways





## BTE Mulcher System

Quickly and effectively remove nuisance vegetation from the right of way with the BTE Mulcher System.

The BTE Mulcher can clear land and control brush even in the most difficult terrain. The excavator-mounted BTE Mulcher has the ability to grind and clear trees up to six inches in diameter, and it can also safely mince dense brush and briar patches.

BTE can modify the hydraulics on your machine to efficiently power the BTE Mulcher System, or supply the complete machine and attachments for a turnkey solution. The BTE Mulcher System is perfect for high-production mulching along right of ways and medians.

- F:** Excavator-mounted mulcher with long cutting reach
- B:** Clear brush on difficult embankments and medians
- F:** Operator and machine in safe position for cutting
- B:** Easily eliminates vegetation, enhancing visibility and safety
- F:** Horizontal 53-inch cutting width with fixed carbide teeth
- B:** Wide and safe cutting and mulching capability



## Z-Skids™

Skids on brush hogs and rotary mower decks are in constant sliding contact with the ground, grinding away the steel wear skids. Gravel, rock, sand, and dirt are extremely rough on the deck skids, especially on the leading edge, and the wear causes maintenance issues and downtime.

Z-Skids™ feature amazing wear protection with solid Tungsten Carbide, proven to withstand the sliding abuse and abrasion on rotary mowers and brush hog decks. The results are significant improvements in skid life and performance with reduced costs.

**F:** Solid Tungsten Carbide is one of the most abrasion-resistant materials available.

**B:** Extended wear improves wear life many times that of standard skids.

**F:** We build Carbide Z-Skids for many manufacturers and deck sizes.

**B:** Z-Skids last significantly longer and require less maintenance.



## Rototilt™ System

The tiltrotator from Rototilt turns excavators and backhoes into multi-functional construction machines.

BTE can customize your heavy equipment to make it Rototilt ready!

The Rototilt System enhances backhoes and excavator functionality with 360 degree rotation and 40 degrees of tilt to allow precision placement, rotation, and tilt on all attachments. The unique tiltrotator attachment features a hydraulic quick coupler for fast change out of attachments, and center swivel hydraulics for under coupler hydraulic tool functions.

Increase productivity by positioning the machine's bucket or attachment in any direction without having to move the machine, spending more time working in safer conditions.

**F:** Rotate and tilt attachment at the same time

**B:** Operate in tight work areas and approach the job from any angle

**F:** Minimize machine movements

**B:** Increased safety, efficiency, and fuel savings

**F:** Rapid and easy switching between different hydraulic tools

**B:** Accomplish more work with one machine



Ballast Tools  
Equipment

Ballast Tools Equipment  
100 Industrial Drive  
Festus, MO 63028 USA

Phone: +1 636.937.0505  
Fax: +1 636.937.3386  
[www.BTEDOT.com](http://www.BTEDOT.com)