

BTE DOT SOLUTIONS

Machines and Attachments



Mobility • Productivity • Versatility

BTE Mini Excavator System



The BTE Mini Excavator System brings an innovative and highly productive solution to roadway maintenance. Utilizing a lightweight yet powerful Mini Excavator, BTE is capable of tackling the most challenging of roadway tasks. The increased versatility of this system is made possible by our full suite of innovative DOT specific attachments. These attachments include our Mini Culvert Cleaner, Mulcher, Power Grip Bucket, Boom Mower, Rock Scaler, and our newest tool, the Guard Rail Cleaner. Combined with our integrated Rototilt system that provides 360 degree rotation and 40 degrees of tilt for all attachments, you truly have a Swiss Army knife that will provide you with production every day of the year.

Attachment Features

Mini Culvert Cleaner - Keep culverts clean to improve water flow and increase public safety.

Guard Rail Cleaner - Clean under guard rails to prevent erosion and increase sheet flow.

Mulcher - Clear vegetation to prevent storm damage and improve sight lines for drivers.

Rock Scaler - Grind away loose hanging rock to avoid falls and slides.

Boom Mower - Mow areas that are inaccessible by conventional tractor mowers.

Power Grip Bucket - Clean up debris and ditches fast and efficiently.



BTE VERSATILE ATTACHMENTS

POWER!
PERFORMANCE!

BTE

INNOVATION!
VERSATILITY!

17 Boom Mower
16 Plate Compactor
15 Rock Scaler
14 Fixed Tooth Mulcher
13 Concrete Buster
12 Culvert Cleaner
11 Mini Culvert Cleaner
10 Magnet
9 High-Performance Undercutter
8 Cribbing Bucket
7 Power Grip Bucket
6 Digging Bucket
5 Ditching Bucket
4 Grapple
3 Cold Air Blower
2 Grading Beam
1 Guard Rail Cleaner

BTE Solutions for Machine Versatility

Culvert Cleaner

The BTE Culvert Cleaner is a mechanical augering system that can open a blocked culvert quickly and efficiently. The BTE Culvert Cleaner System can easily handle culverts with diameters from 12 inches to larger than 6 feet. The process is fast and completely dry; it does not require water or vacuuming. Material can be removed from either end of the culvert. Setup is easy, operations are simple and straightforward, and visibility is good with the cab-mounted camera system.

- Clean up to 140 feet of clogged culvert pipe
- Access difficult to reach culvert openings
- Clean multiple culverts in one day



Mulcher

Quickly and effectively remove nuisance vegetation from the right of way with the BTE Mulcher System. The excavator-mounted BTE Mulcher can clear land and control brush even in the most difficult terrain. 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.

- Grind and clear trees up to six inches in diameter
- Safely mulch dense brush and briar patches
- Carbide-protected teeth quickly clear vegetation



Rototilt

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.

- Rotate and tilt attachment at the same time
- Minimize machine movements
- Rapid and easy switching between different hydraulic tools



BTE Solutions for Safety

BTE Solutions for Highway Maintenance

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.

- Abrasion resistance with solid Tungsten Carbide
- Fit many manufacturers and deck sizes
- Z-Skids last for several seasons, reducing downtime



BTE Upfitting Capabilities

BTE offers complete upfitting of our innovative systems onto your existing fleet of equipment. BTE has worked extensively with Caterpillar, John Deere, Volvo, Bobcat, Takeuchi, etc. to implement our solutions on their machines. We can provide complete installation of Rototilts, Joystick Upgrades, PLC Control, Attachment Recognition, Priority Valving and a full suite of attachments to work with your existing excavators and backhoes. This allows you to significantly increase the versatility of the machines in your existing fleet.

- Increase versatility of existing fleet machines
- Access BTE's extensive line of attachments
- Rototilts, upgrades, Priority Valving



YOUR SOLUTIONS PROVIDER

BTE provides innovative maintenance solutions with performance machines and attachments. Increase equipment utilization and safety with our extensive lineup of excavators and backhoes. The BTE lineup provides flexibility, mobility, and productivity with many specialty attachments available, including guard rail cleaners, mulchers, undercutters, and the exclusive Culvert Cleaner and Mini Culvert Cleaner. The BTE Customer Service Teams provide service after the sale, on-site start up, and operator training.

- Powerful excavators, backhoes, and attachments
- On-site installation and operator training
- Purchase and lease options available



BTE CRAWLER AND WHEELED MACHINES

The BTE machine fleet of excavators and backhoes features innovative attachments – mulchers, culvert cleaners, snow blowers, guard rail cleaners, and more – to maximize production. The machines are versatile, and the extensive line of attachments helps keep the machines productive every day of the year. BTE machines are heavily engineered and field-proven to help ensure reliable and effective operations.

BTE Mini Excavators



1 2 4 5 6 7 8 11 14 15 16 17

- Machine size makes it nimble and easy to transport
- Compact radius, lightweight, productive
- Guard Rail Cleaner, Mini Culvert Cleaner

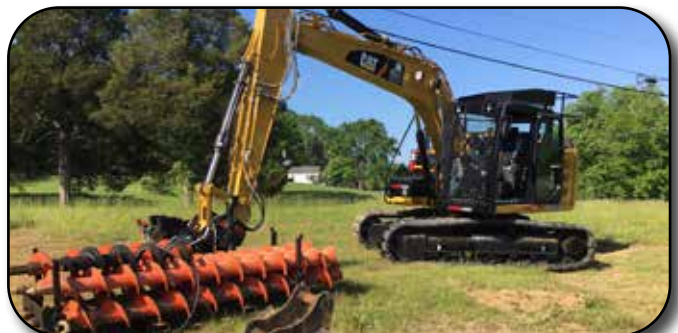
BTE-420



1 2 5 6 7 8 11 15 16

- Extend-a-hoe long reach, fast, mobile
- Easy to transport, maneuver at jobsite
- Mini Culvert Cleaner, Guard Rail Cleaner

BTE-312/313



1 2 3 4 5 6 7 8 9 10 12 13 14 15 16

- Flexible machine for challenging conditions
- Strength and power in a smaller excavator
- Culvert Cleaner, Mulcher

BTE-M318



1 2 3 4 5 6 7 8 9 10 12 13 14 15 16

- Great mobility for working at jobsite
- Strong and powerful
- Culvert Cleaner, Cold Air Blower

BTE-325



2 3 4 5 6 7 8 9 10 12 14 15 16

- Zero tail swing versatile excavator
- Powerful machine for tougher jobs
- Mulcher, Power Grip Bucket

Many innovative features and options are available on all machines. Features, specifications, and descriptions are for general reference and will change. Please call BTE for current and available machine information and specifications.