DRAW THE LINE
If you are looking to hide and protect water, gas, power, or communication lines and have a tractor, skid steer or excavator then a trencher attachment might be something for you. A trencher is designed to carve a safe haven for cables and lines, to keep them protected and hidden from sight. Baumalight trenchers are all built with planetary drives, and are available with a range of chain sizes. The side auger keeps the dirt out of the trenching action but close by for back filling.
Pump Up the Tension
Let Your Nose Run Free

Adjust the chain tension with a couple of pumps. The grease cylinder tensioner allows you to adjust the tension of the chain quickly with only a grease gun. By applying grease to an internal cylinder the roller nose is pushed forward taking the slack out of the chain. What could be a long frustrating process is now a few quick pumps. Baumalight recommends using a manual grease gun only.

Trench Axe’s heavy duty nose is precision machined from a piece of solid steel. It runs freely on dual tapered roller bearings to deal with the extreme forces of trenching. A precision machined washer protects the bearings from rocks and dirt. This initial barricade is reinforced by the rubber seal on the bearings, finishing the job is the easily accessible grease fitting which keeps the bearings lubricated and protected from moisture.

Planetary Drive System

The sealed drive keeps the dirt out and the trencher going. The compact and strong planetary drive unit delivers the hydraulic power directly to the sprocket of the digging chain for good digging performance.

- No roller chains that jump or stretch
- Maximum torque transfer
- Motor mounted direct in-line with main sprocket

No Crumbs Left Behind

The Trench Axe has a crumb scraper bar as standard equipment, this helps to scrape and sweep extra dirt and debris into the chain where it is lifted out of the trench. The heavy construction and hinged design mean that the scraper performs no matter what depth of trench you are digging.

The hydraulically powered planetary gearbox provides the power to drive the teeth 4-6 feet deep, while the large drive gear prevents the chain from getting clogged.
Chain Options

The standard Cup Tooth chain is equipped with hardened and reinforced cup style cutting teeth. Optional and replacement chains are available in 6", 8" and 10" widths. Depending on your trenching needs, a bullet style tooth is also available for rocky soil conditions. For help choosing your chain size and teeth configuration contact us.

Mounting Options

3 Point Hitch or Skidsteer

The Trench Axe is mountable on either a standard skidsteer plate or with an optional 3 point hitch mount*. Optional 3 point hitch mount has a cylinder that provides angle and depth control. Valve kit available for tractors with only one set of external hydraulic connections. See 3-Point Hitch StumpBlaster section.

D001393
See the Wheel Loader to Skid Steer Mounting Option in the Nomad mounting section.

*3-point hitch adapter must have hydrostatic drive tractor
### Specifications

#### TN236
- **Trench Depth**: 36”
- **Trench Width**: 4” to 6”
- **Chain Speed**: Depends on GPM
- **Drive Type**: Planetary
- **Main Shaft Size**: 2-9/16” solid hardened steel
- **Over torque protection**: Hydraulic relief
- **Carrier Type**: Mini Skidsteer
- **Attachment**: Mini Plate
- **Carrier weight (lb)**: 1,500-4,000
- **Min / Max GPM**: 8 to 20
- **Weight**: 810 lb

#### TN336
- **Trench Depth**: 36”
- **Trench Width**: 4”
- **Chain Speed**: Depends on GPM
- **Drive Type**: Planetary
- **Main Shaft Size**: 2-9/16” solid hardened steel
- **Over torque protection**: Hydraulic relief
- **Carrier Type**: Standard Skidsteer
- **Attachment**: Universal Skidsteer Plate
- **Carrier weight (lb)**: 2,000-5,000
- **Min / Max GPM**: 8 to 20
- **Weight**: 850 lb

#### TN548
- **Trench Depth**: 48”
- **Trench Width**: 6” to 10”
- **Chain Speed**: Depends on GPM
- **Drive Type**: Planetary
- **Main Shaft Size**: 2-9/16” solid hardened steel
- **Over torque protection**: Hydraulic relief
- **Carrier Type**: Standard Skidsteer
- **Attachment**: Universal Skidsteer Plate
- **Carrier weight (lb)**: 3000-7000
- **Min / Max GPM**: 12 to 25
- **Weight**: 1,250 lb

#### TN560
- **Trench Depth**: 60”
- **Trench Width**: 6” to 10”
- **Chain Speed**: Depends on GPM
- **Drive Type**: Planetary
- **Main Shaft Size**: 2-9/16” solid hardened steel
- **Over torque protection**: Hydraulic relief
- **Carrier Type**: Standard Skidsteer
- **Attachment**: Universal Skidsteer Plate
- **Carrier weight (lb)**: 3000-7000
- **Min / Max GPM**: 12 to 25
- **Weight**: 1,250 lb

* **High Torque / Low Speed**
### Specifications

**TN760**
- **Trench Depth**: 60"
- **Trench Width**: 6" to 10"
- **Chain Speed**: Depends on GPM
- **Drive Type**: Planetary
- **Main Shaft Size**: Hex solid hardened steel
- **Over torque protection**: Hydraulic relief
- **Carrier Type**: High Flow Skidsteer
- **Attachment**: Universal Skidsteer Plate
- **Carrier weight (lb)**: 4000-10,000
- **Min / Max GPM**: 20-42
- **Weight**: 1,800 lb

- **Drive Type**: Planetary
- **Main Shaft Size**: 2-9/16" solid hardened steel
- **Over torque protection**: Hydraulic relief
- **Carrier Type**: Mini Excavator
- **Attachment**: Bolt On
- **Carrier weight (lb)**: 3-6 ton
- **Min / Max GPM**: 20 to 28
- **Weight**: 1,250 lb

* High Torque / Low Speed

### Spare Chain

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<thead>
<tr>
<th>MODEL</th>
<th>DESCRIPTION</th>
<th>WEIGHT (Lbs.)</th>
<th>CHAIN OPTION</th>
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<td>36X4&quot; Standard cup tooth replacement chain</td>
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<td>S6006</td>
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### Turn to our excavator adapter section for excavator adapter options

**TNX548**
- **Trench Depth**: 48"
- **Trench Width**: 6" to 10"
- **Chain Speed**: Depends on GPM
- **Drive Type**: Planetary
- **Main Shaft Size**: 2-9/16" solid hardened steel
- **Over torque protection**: Hydraulic relief
- **Carrier Type**: Mini Excavator
- **Attachment**: Bolt On
- **Carrier weight (lb)**: 3-6 ton
- **Min / Max GPM**: 20 to 28
- **Weight**: 1,250 lb

* High Torque / Low Speed