

**SUBTILLER® II AND 4**  
IN-LINE DEEP-TILLAGE RIPPERS



- \\ SHATTER HARDPAN
- \\ INCREASE YIELDS
- \\ RETAIN RESIDUE

## SOLVE COMPACTION WITHOUT BREAKING THE BANK.



SUBTILLER 4

SUBTILLER II

Since the first SubTiller® model was introduced in the early 1980s, the Blu-Jet name has become synonymous with solving deep compaction issues while maintaining residue and the top soil structure. The SubTiller ripper fractures compaction up to 18" deep and across a 30" row with lower disturbance at the surface. This alleviates compaction for increased yield, leaves residue intact for increased moisture retention and maintains your topsoil structure for decreased erosion. Between the economical SubTiller II and the heavy-duty SubTiller 4 in-line rippers, you won't find a better year-round conservation tool to increase yields and maintain soil health on your farm.

### FRAME

Find the right model SubTiller in-line ripper to match your operation's needs. Select the strength and economy of the reliable SubTiller II in-line ripper, or upgrade to a larger, heavy-duty design for high-acreage use with the SubTiller 4 in-line ripper. All SubTiller subsoiler frames are powder-coated a durable Blu-Jet blue for a long-lasting finish.

### SubTiller II

- \\ Double 4"x6" frame constructed of 1/2" tubing.
- \\ 32" of under-frame clearance provides generous residue flow.
- \\ Frame widths are available to accommodate 3-, 5- or 7-shank sizes on 30" or 38" spacing.
- \\ Rigid frame features a CAT 2 or 3 three-point hitch.
- \\ Tool-free pin-adjust gauge wheels with 20.5x8-10 tires increase stability and permit easy depth adjustment.
- \\ Standard transport lights and reflective markings ensure safer road travel.



### SubTiller 4

- \\ Double 7"x7" frame constructed of 3/8" tubing.
- \\ Industry-leading 39" of under-frame clearance for maximum residue flow.
- \\ Frame widths are available to accommodate 3-, 5-, 7-, 9- or 11-shank sizes on 30" or 38" spacing.
- \\ Frames are available in a rigid or folding design with a 3-point or pull-type hitch depending on size.
  - 3- and 5-shank models are available with a rigid frame and 3-point hitch.
  - 7- and 9-shank models are available with a rigid or folding frame and 3-point or pull-type hitch.
  - 11-shank model is available with a folding frame and a pull-type hitch.
- \\ Tool-free, swing-adjust gauge wheels with 20.5x8-10 tires for added stability and quick depth adjustment.
- \\ CAT 2 or 3 three-point hitch, standard transport lights and reflective markings ensure safer road travel.



## Coulters both models

- ∥ The lead Super 1200 coulters system slices through residue to create a path for the shank.
  - Includes 20" fluted blades with 4-bolt hubs.
  - Features 1,200 lbs. of down force and 30° of swivel.



## SHANKS

Through countless hours of testing and research, Blu-Jet SubTiller shanks were designed at the optimal thickness and angle to fracture deep compaction with minimal soil surface disruption.

### All Models

- ∥ Shanks are 1 1/4" wide by 6" deep by 44" tall and are made of high-carbon steel for long-term use.
  - Penetrate from 14" to 18" deep and fracture all the way across a 30" row with limited surface disturbance.
  - Recommended horsepower requirements are 30–50 HP per shank, depending on soil type.
- ∥ Heat-treated, reversible vertical wear guard and 3" wide CAD1 (carbide austempered ductile iron) fall point for longevity.
- ∥ Soil probe is included with all models to help determine the hardpan depth.



### SubTiller 4

- ∥ Available with 2 different trip mechanisms.
  - The auto-reset spring tension mechanism features 3,000 lbs. of trip force to be used in tighter soils with rocks.
  - Shear-bolt trip mechanism features 9,000 lbs. of shear pressure and can be used in lighter, rock-free soils.



### SubTiller II

- ∥ Available with a shear-bolt trip mechanism that features 9,000 lbs. of shear pressure and can be used in lighter, rock-free soils.



## OPTIONS

Customize your Blu-Jet SubTiller in-line ripper to work for your operation and soil type.

### Both Models

- \\ Rolling basket attachment with 12"- or 24"-wide basket.
- \\ 2" wide CADi summer point for reduced soil disturbance under the surface.
- \\ Pull-type conversion kits hook to the 3-point hitch and feature a CAT 3 or CAT 4 hitch and single or dual tires depending on size.
  - Available on 5-, 7-shank models (SubTiller II).
  - Available on 5-, 7- and 9-shank models (SubTiller 4).



### SubTiller 4

- \\ Rolling basket attachment with 12" or 24" wide basket for enhanced field finishing.
  - Available for 5-shank sizes.
- \\ StalkSizer couler kit doubles the number of lead coulters and run at 15" or 10" spacing for added residue sizing.
  - Available on 5-, 7- and 9-shank sizes.



## Specifications

FEATURE	SUBTILLER II	SUBTILLER 4
Number of Shanks	7, 5, or 3	11, 9, 7, 5, or 3
H.P. Requirements	30–50 per shank	
Spacing(s)	30" or 38" 5-Shank	
Trip Mechanism	Shear Bolt	Auto-Reset or Shear Bolt
Frame Style	Rigid	Rigid or Folding (varies by size)
Frame Tubing	4"x6" with 1/2" Thickness	7"x7" with 3/8" Thickness
Underframe Clearance	32"	39"
Gauge Wheels	Pin-Adjust	Swing-Adjust
Hitch Style	3-Point	3-Point or Pull-Type (varies by size)

Due to continuing improvements in the design and manufacture of Unverferth products, all specifications contained herein are subject to change without notice. For relevant patent marking, please visit [unverferth.com/patents](http://unverferth.com/patents).

Visit your nearest Blu-Jet tillage dealer today for complete details about the SubTiller in-line deep-tillage rippers, or check our website at [www.blujetequip.com](http://www.blujetequip.com).