NEEDHAM
Ag Technologies, LLC.

LIPA

Please click the QR code to the left to see a YouTube Video of the Lipa TLE-FS forestry heads in action!

TLE-FS

Forestry Head For Ideally 12,000-20,000 lb Mini Excavators





Case Drain Is Required



TLE-FS 90 Shown With Optional Hydraulic Hoses



The High-Inertia TLE-FS forestry heads are specifically designed to mount on large mini excavators, which ideally weigh 12,000-20,000 lb, plus have sufficient auxiliary oil flow (see oil requirements in the chart below).

The TLE-FS is perfect for trimming back limbs and clearing/mulching brush and trees. The TLE-FS series will mulch around 4-6" diameter hard wood, and 8-10", soft wood (but larger trees can be mulched with slow and careful operation).

The TLE-FS features a hydraulically adjustable front shield to help with shredding denser brush (when raised) and minimizing the throw of material (when lowered) which is important from a safety perspective. Watch the YouTube video above for more information.

To operate the front shield, the excavator either requires a second auxiliary circuit, or the optional solenoid block (see options in chart below).

Model	Overall Width (inches)	Cutting Width (inches)	Weight (lb)*	Rotor Speed (RPM)	Required Oil Flow (gal/min)	Ideal Oil Pressure (PSI)	# Of Fixed Blades	Number Of Drive Belts	Price $
TLE-FS 70	39	28	990	2200	20-25	3200-3600	30	3	15,590
TLE-FS 90	45	34	1220	2200	20-25	3200-3600	36	3	16,790

* Approximate weight, with typical mounting bracket and optional hydraulic hoses.

Standard Equipment

- Excavator Coupler (not including pins).
- Heavy Duty Parker Piston Motor (displacement sized according to excavator AUX flow rate).
- Internal Counter-Frame Made Of Highly Wear Resistant Steel (Hardox).
- Electronically Balanced, Heavy Duty 13.4" Diameter Rotor With Fixed Tooth Hammers.
- Lateral Skids With Wear Resistant Steel

Options

1 x Pair Of Pins To mount mulcher to excavator.	**210**
Hydraulically Adjustable Front Door. The standard option is a manual adjust front door, but if you have a mini excavator with a 2nd set of auxiliary lines, then you can order the TLE-FS mulchers with a hydraulic cylinder on the front door. This allows you to raise and	**325**

For the most current prices and specifications, please visit our website at needhamag.com