



Please click the QR code to the left, or enter "Needham Lipa TLBE-S" into YouTube to see a video of the Lipa TLBE-S mower in action!

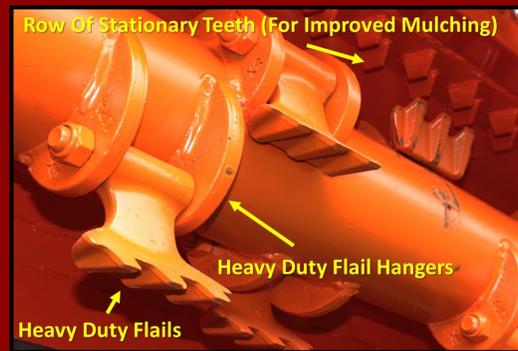
TLBE-S

Heavy Duty Flail Mower

For 10,000 - 20,000 lb Mini Excavators



Optional hydraulic hoses are available from Needham Ag



The TLBE-S heavy duty flail mower is perfect for mowing and shredding grass, brush and small trees (up to 2-3" in diameter with the smaller models, and up to 4" with the larger models, or mini excavators with more oil flow). These mowers are designed to work in areas too steep or too unsafe to mow with tractors or skid-steer loaders. The TLBE-S range is designed for larger mini excavators which weigh between around 10,000 and 20,000 lb and those which have sufficient oil flow (see auxiliary oil flow requirements below).

Model	Overall Width (inches)	Cutting Width (inches)	Weight (lb) *	Rotor Speed (RPM)	Required Oil Flow (gal/min)	Ideal Oil Pressure (PSI)	Number Of Flails	Number Of Drive Belts	Price \$
TLBE-S 90	41	37	760	2300	18-22	3000-3500	10	3	7790
TLBE-S 100	45	41	820	2300	21-26	3000-3500	10	3	8390
TLBE-S 120	53	49	880	2300	24-28	3000-3500	12	3	9190

* Approximate weight, with typical mounting bracket.

Standard Equipment

- Excavator hookup linkage for most excavators (please contact us to confirm availability). Pins are not included.
- High torque group 3 hydraulic gear motor.
- Electronically balanced, heavy duty rotor with toothed steel flails for chopping larger material up to 3 inches in diameter.
- Heavy duty, adjustable rear steel roller with mud scraper.
- Heavy duty lateral skids.
- Chains across the front and rubber flaps front and back to help control flying debris.



Options

TLBE-S Oscillating Saddle

The oscillating saddle is a heavy duty parallel linkage which allows the mower to follow the ground much better, on the rear roller. Its purchased by around 75% of customers and recommended if you plan to mow a lot of undulating ground. It adds around 120 lb to the mower, so its only recommended for larger mini excavators with sufficient counter weight/stability.

1190



TLBE-S Flow Regulator

The flow regulator is required for mini excavators which have higher auxiliary flow than what the mower is designed for (and they don't have the ability to reduce the auxiliary flow on the excavator). The flow regulator allows precise auxiliary flow adjustment, to set the rotor speed to around 2300 rpm,

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