

Fiber Laser - Tube Cutting

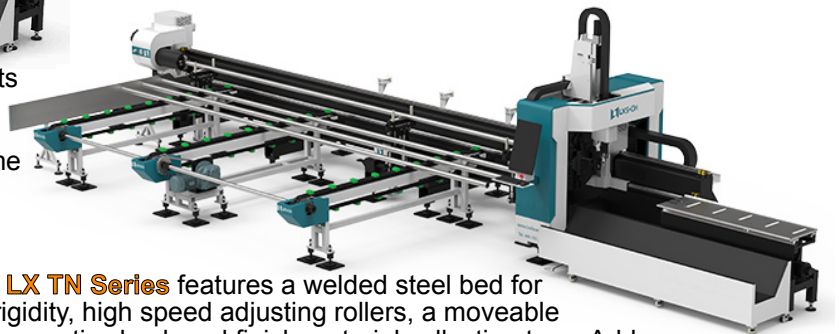
Fall/Winter 2023

LX62TN

TN Series



The **Anvil LX TE Series** tube cutting machine represents our most capable, state-of-the-art Fiber Laser cutting technology. With available power from **1Kw to 6Kw** the TN series machines are designed to service large volume operations with continuous duty cycles.



The **Anvil LX TN Series** features a welded steel bed for excellent rigidity, high speed adjusting rollers, a moveable Kandini pneumatic chuck and finish material collection tray. Add optional automatic material loading to make a fully hands-free high capacity operation. Custom working sizes available.

Product Information Sheet

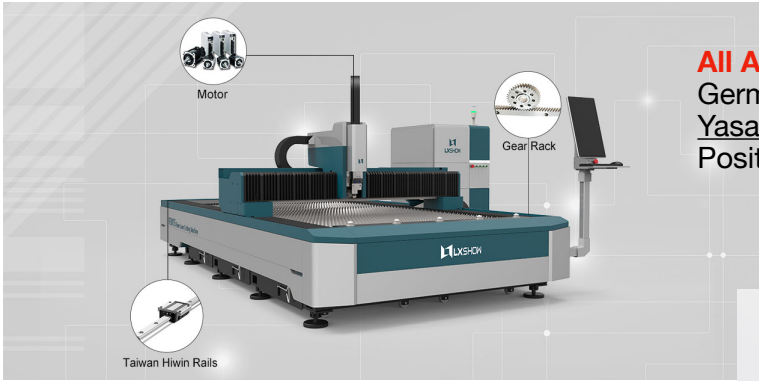
Standard working size: 6000mm (240 inches) stock length	Chuck capacity: 20-220mm ● or ■
Standard duty machine frame - 4000kg working load	Chuck working load - 200Kg
Italy Wkte/PEK linear square rails	German SDIBORG/J&T Taiwan Gears
Inovance/Delta Servo Motors	X=850w; Y=3000w; Z=750w; W1=1800w; W2=1300w
Controller	Au3Tech MCC3723
DESBOER reducer	Water cooled: S&A/HanliTongei
Schneider Electrical components	Nest software
Au3Tech Controller MCC3723	Au3Tech A200MS laser head
Optional - Raytools Laserhead	Bochu 3000S controller

ANVIL LX
LASER TECHNOLOGIES



Specifications are accurate at time of publishing. Prices quoted in US dollars and include estimates for shipping and import tariffs FOB in Long Beach, California. Duties, local use/sales taxes (if applicable) and transportation to other destinations in the USA or elsewhere will be quoted upon request. We cannot guarantee tariffs and shipping costs as those are subject to change without notice. ANVIL LX will provide a firm price quote upon contract.

ENGINEERING EXCELLENCE
SINCE 2004



All Anvil Lx Fiber Laser Machines are available with German made Atlanta Gear Rack Systems, Japanese Yasakawa Motors and Hiwin Rails from Taiwan. Positioning accuracy of 0.02mm and cutting acceleration

All **LXShow** Fiber Laser Machines include an Intelligent **Auto Focus Cutting Head**. Software calibration: **10X faster** than manual operation. Cuts **25mm Carbon Steel in <3s @ 3000W** Collimating and focusing mirrors are **water cooled** to prolong service life.



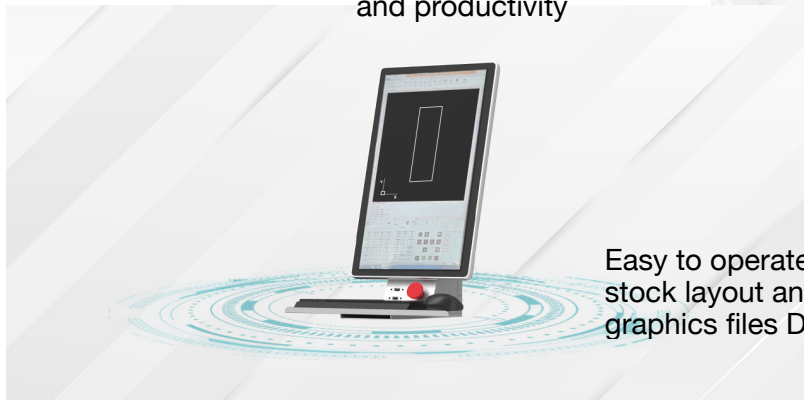
Safety & Environment

The full Protection Cover is the choice for manufacturers with smaller industrial workspaces. Featuring 220mm Ø extraction ducts and CE approved laser protection glass in the observation window for smoke/dust free work area with less noise

Monitor Camera included with enclosed units

Dual Exchange Tables

Optional automatic exchange table allows rapid transfer (10s-15s) between finished work and raw materials greatly increases efficiency and productivity



Bochu Control System

Easy to operate with intuitive command structure and GUI - Improves stock layout and material utilization by 20%. Supports all popular graphics files DXF, DWG, PLT, etc. Multiple user language options

Control Cabinet

Electrical components and laser source are built-in to the Independent Control Cabinet with dust proof and climate control to prolong service life



