HSG 20 2006/2026
WINNER'S CHOICE

TX3 PRO

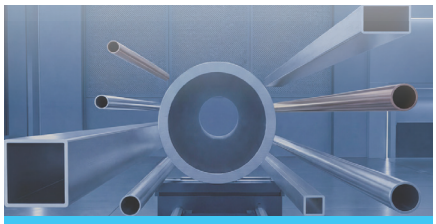
Full-Floating 3+1 High-Speed Heavy-Duty Laser Tube Cutting Machine

THE 3+1 HIGH-SPEED HEAVY-DUTY TUBE CUTTER KING

SUPERB PERFORMANCE ON HEAVY TUBES · SHARP ON SMALL ONES



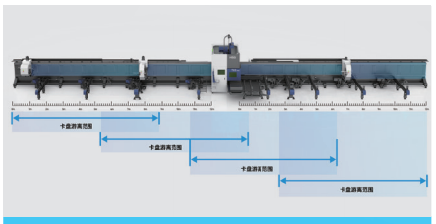
Built for heavy equipment, steel structures, shipbuilding, construction machinery, and energy storage, the TX3 PRO handles small-to-large tubes and heavy-load jobs in one system.Its 3+1 full-floating chuck platform combines heavy-tube capacity, small-tube accuracy, zero-tail cutting, and high-throughput production, helping shops shorten lead times and reduce total operating cost.



Φ20*–360 mm
Tube Processing Range
One Machine Covers More Job Types
(Optional twin chuck required)



1600kg
Max Loading Capacity
Meets various Processing Needs



3+1
Full-Floating Twin Chucks
Strong for Large Tubes, Stable for Small Tubes

Some features shown are optional.Please consult our sales team for specific configurations and pricing.

BUILDING ULTIMATE PRO PERFORMANCE

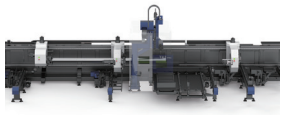
ABB+ Full-Floating 3 Chuck

Flexible Chuck Layout Enables Processing Mode Switching

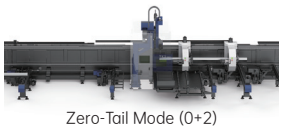
The ABB+ chuck structure (1 barrel chuck + 2 through-hole chucks) lets the tube end pass through the C3 chuck, breaking length limits so long bevels or irregular profiles can be clamped without micro-bridges or secondary processing—boosting efficiency.Depending on tube diameter and processing needs, it flexibly switches between small-tube mode, heavy-tube mode, zero-tail mode, and high-efficiency mode to suit various conditions.



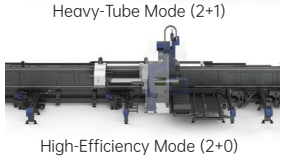
Small-Tube Mode (3+0)



Heavy-Tube Mode (2+1)



Zero-Tail Mode (0+2)

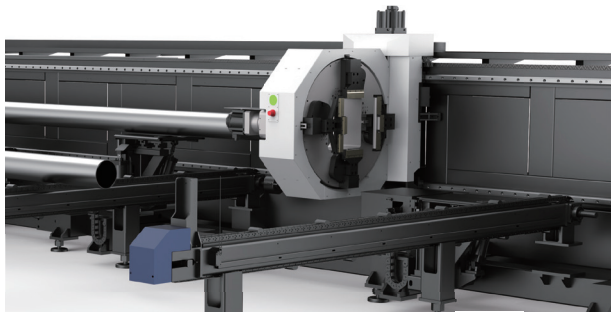


High-Efficiency Mode (2+0)

3+1 Twin Chuck (Optional)

Covers Large, Medium and Small Tubes

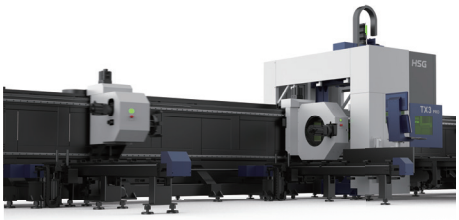
Handles both small and large tubes, with worry-free heavy load performance. Previously, we needed one machine for small tube cutting and another for large tube cutting, but now the TX3 Pro handles both tasks all by itself.



30%+ Cutting Efficiency Improvement

Peak Performance, Faster Delivery

100m/min linkage speed × 80r/min chuck rotation speed × 1.0G acceleration. It significantly shortens the processing time, and the processing efficiency is greatly improved compared with the previous generation.
Deliver faster, gain an extra edge!



80 rpm
rpm Max Chuck Speed

100 m/min
m/min Linkage Speed

1.0 G
Max Acceleration

Multi-stabilised Structure

Stability Is True Strength

Ultra-low center-of-gravity L-type side-mounted bed, heat-treated to be as stable as a rock;45mm wide heavy-duty 3D dual-rail transmission system features more uniform force distribution and more stable heavy-load operation; Integrated external follow-up support provides stable support throughout the whole process, requires no pit digging, and facilitates inspection and maintenance;



Anti-roll Safe Lifting and Unloading Save Labor Cost and Time

Using catch-type unloading, it stably supports heavy tubes; anti-roll grooves effectively prevent tube rolling, making unloading more stable, safer, and worry-free.



TECHNICAL PARAMETERS

Model	TX3	TX3 PRO
Power	6-20KW	6-20KW
Chuck Clamping Range	Round Tube：ϕ40mm-360mm / Square Tube： □40×40-□360×360mm	
Max Loading Capacity (Single)	1600kg	1600kg
Max Linkage Speed	80m/min	100m/min
Max Acceleration	0.8G	1.0G
Bevel Cutting	Optional	Optional

*Data is sourced from HSG laboratory tests and actual parameters may vary depending on processing conditions.
*Products shown may include optional accessories; please contact our sales team for detailed configurations and pricing. Information and images are for reference only.
*Final specifications and terms are subject to the contract, and we reserve the right to make changes without prior notice.