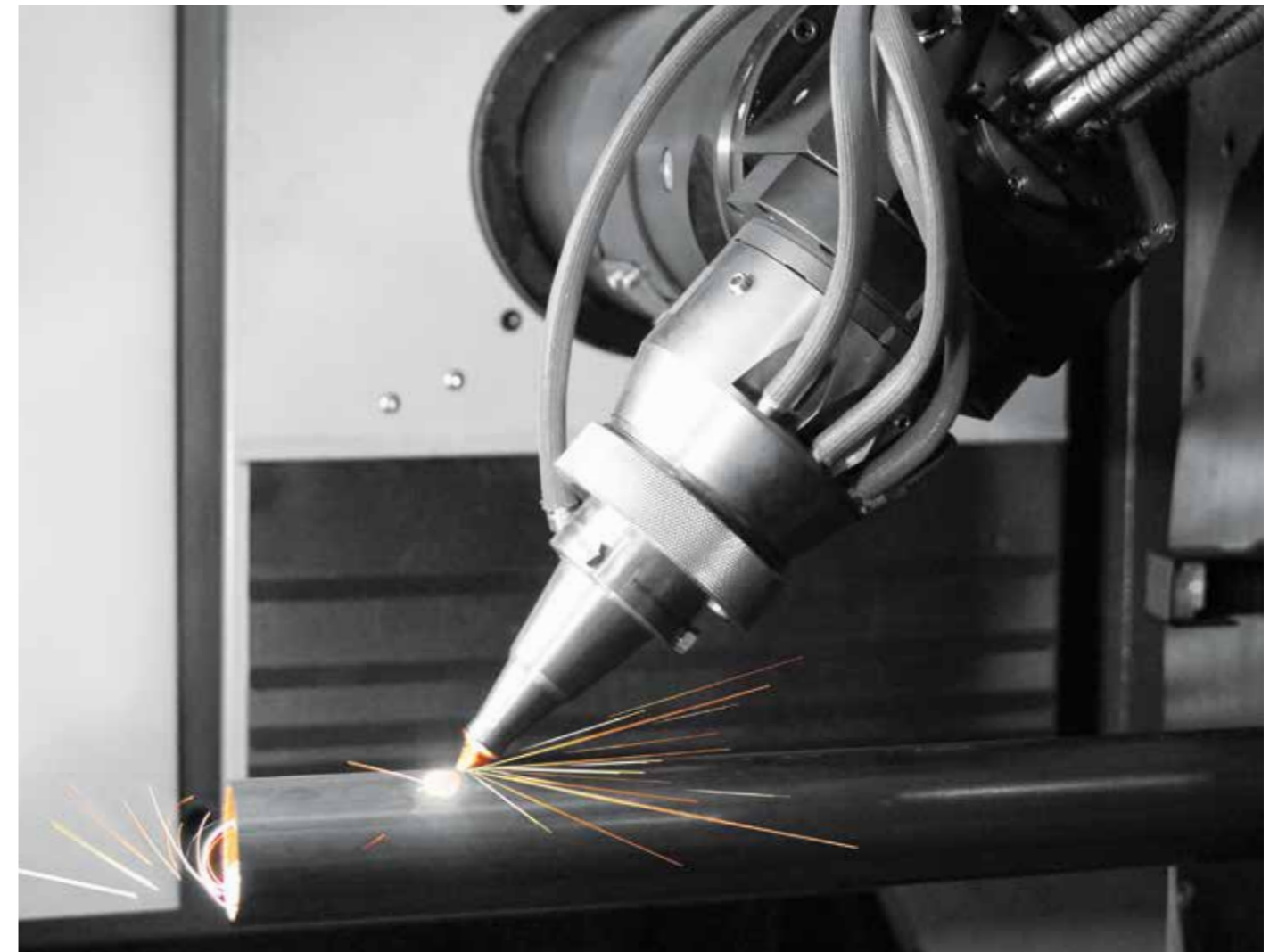


FL 170 3D FIBER

TUBE LASER CUTTING MACHINE



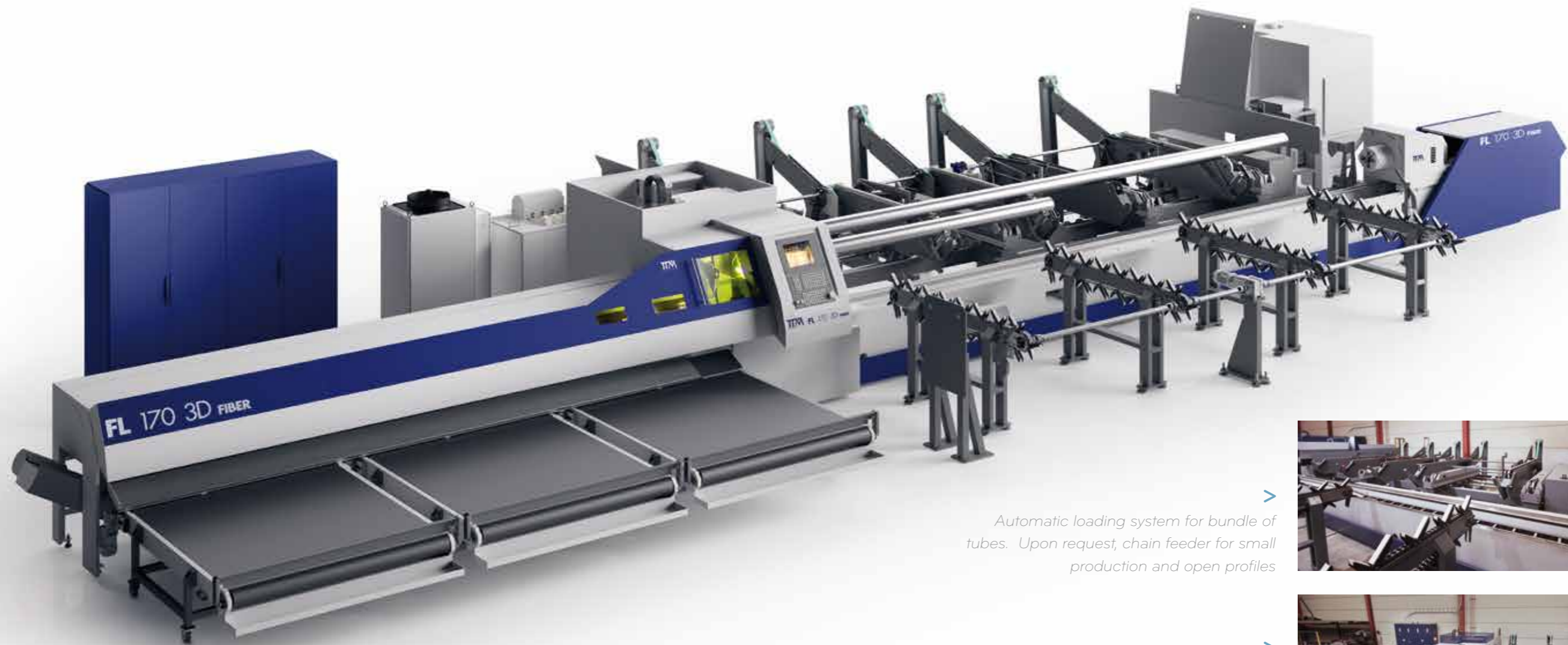
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FL 170 3D FIBER

The new FL170 3D FIBER is the latest edition to the FL range of 3D laser cutting systems from TTM Laser. The machine utilizes FIBER-laser technology and is equipped with a 3D cutting head. This innovative combination allows the laser cutting of even highly reflective materials such as brass and copper tubes ranging from diameter 12 to 168mm without forgoing the

advantages of bevel cutting up to 45°. Open profiles can be processed upon request and verification of feasibility. Combining a Fiber laser source and a 3D cutting head make the FL170 3D FIBER a unique machine that offer high productivity, ultimate product/material flexibility with lower power consumption and moderate maintenance costs.



TUBES AND PROFILES CAPACITY RANGE	MAX CARRYING CAPACITY	LOADING LENGTH	UNLOADING LENGTH	SECTIONS	MANDREL N°	CONTROLLED AXES N°	MANDREL MAX LINEAR SPEED
Ø 12 mm MIN Ø 168 mm MAX □ 15 X 15 mm MIN □ 120 X 120 mm MAX	25 kg/m 16.8 ppf	6,5 - 12,5 meters 21'-41"	2 - 6 meters 6.56'-20"		2	21 (COMPLETE CONFIGURATION)	150 m/min 492 ft/min

> Automatic loading system for bundle of tubes. Upon request, chain feeder for small production and open profiles



> Machine configuration and layout based on flow of material (standard from left to right or opposite from right to left) and on possible space restrictions



> Unloading of cut pieces towards Nr. 3 main areas (central for short pieces, front or back). Unloading tables available upon request.

