

FL 300

TUBE LASER CUTTING MACHINE



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FL 300

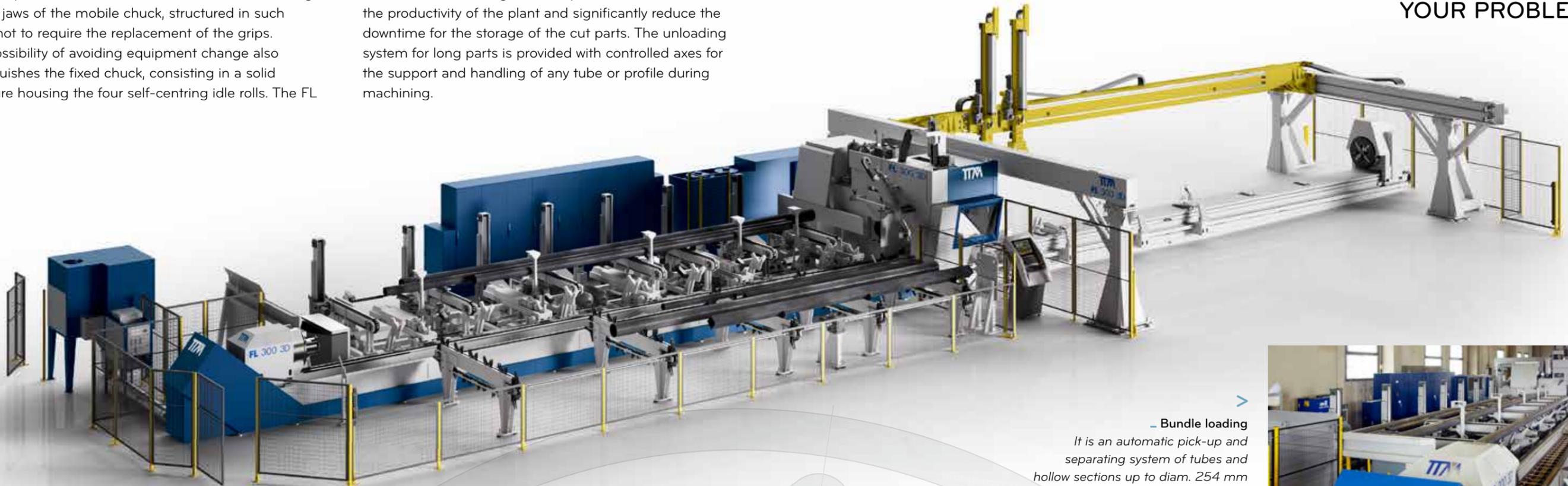
The FL 300 is a tube laser cutting machine with 3D cutting head for the machining of tubes and profiles with a diameter ranging between 20 and 305 mm and a maximum length of 12500 mm.

The workpiece is housed between the four self-centring sliding jaws of the mobile chuck, structured in such a way not to require the replacement of the grips. The possibility of avoiding equipment change also distinguishes the fixed chuck, consisting in a solid structure housing the four self-centring idle rolls. The FL

300 loading system consist in a bundle loader, while the open profiles are loaded by a chain system; independent manipulators allow the loading of tubes from the bundle and tubes or profiles from chains.

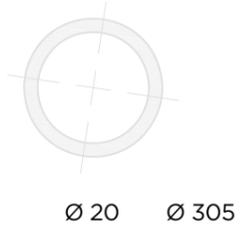
The "smart" unloading makes it possible to enhance the productivity of the plant and significantly reduce the downtime for the storage of the cut parts. The unloading system for long parts is provided with controlled axes for the support and handling of any tube or profile during machining.

FROM 20 mm TO 305 mm
UNIQUE IN ITS KIND.
THE BEST SOLUTION TO
YOUR PROBLEMS.



TUBES AND PROFILES CAPACITY RANGE	MAX CARRYING CAPACITY	LOADING LENGTH	UNLOADING LENGTH	SECTIONS	MANDREL N°	CONTROLLED AXES N°	MANDREL MAX LINEAR SPEED
Ø 20 mm MIN Ø 305 mm MAX □ 254 X 254 mm MAX	60 kg/m	6,5 - 12,5 metri	2 - 12 metri		2 - 3	29 (COMPLETE CONFIGURATION)	130 m/min
Ø 0,75" MIN Ø 12" MAX □ 10" X 10" MAX	40,3 PPF	21' - 41'	6,56' - 40'				426 FT/min

SOURCE TYPE
TruFlow Trumpf - Rofin Slab DC



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- Bundle loading
It is an automatic pick-up and separating system of tubes and hollow sections up to diam. 254 mm



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- Chain loading system
The loading system, consisting of chains with V supports, allows the loading of profiles and open sections.



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- Unloading gantry with third chuck
This system allows the pick-up of the cut tube, unloading it in the desired area. The third chuck is essential for the support during the cutting operations for those lengths exceeding 6 metres.

