



Speedline[®]
Fiber

LASER
division 

TCI cutting[®]
waterjet & laser systems



Flexibility and energy efficiency

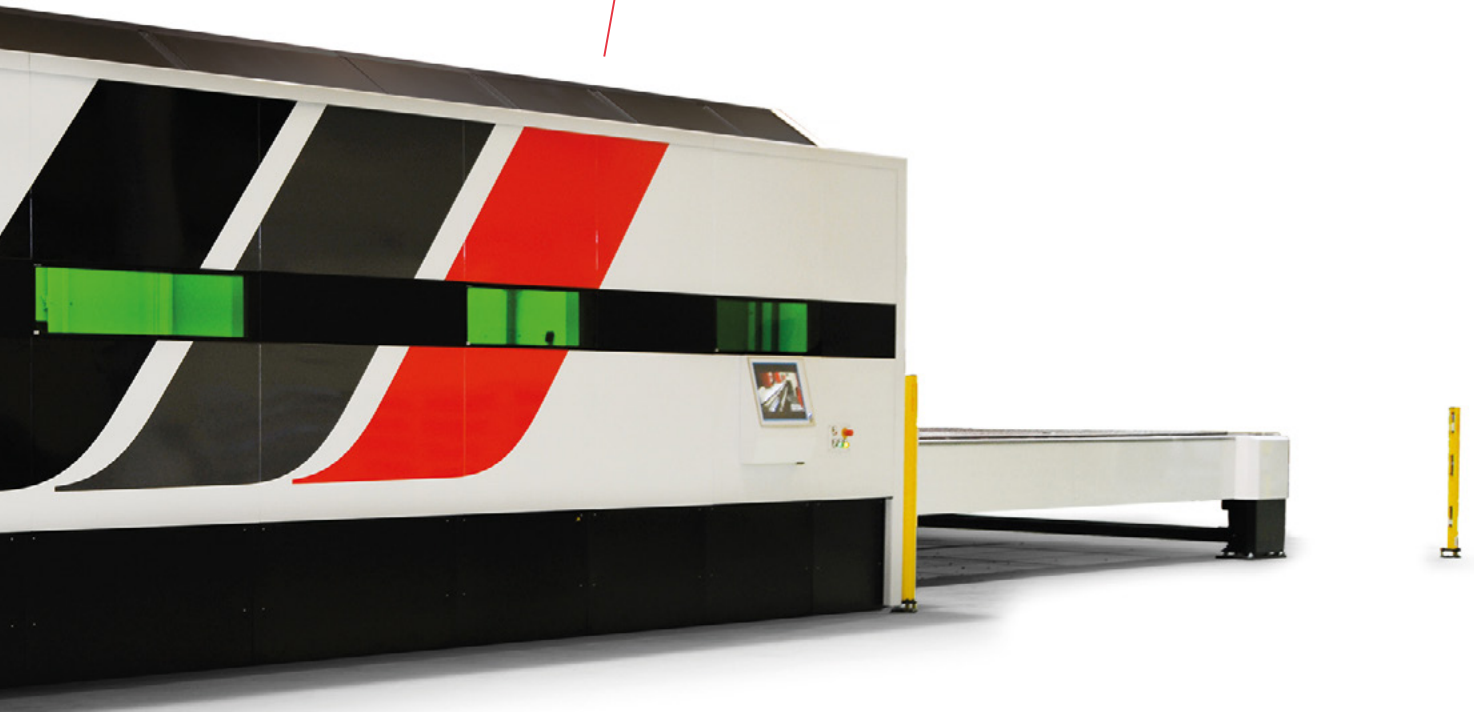
Speedline® Fiber

This series offers unmatched parts production and **excellent cutting quality** in accordance with the laser power for thin **sheets** and **sheets of medium thickness**. The very energy efficient fiber laser ensures highly reduced electricity consumption.

Available in power ratings from 1.000 W to 10.000 W

TCI Cutting has the laser cutting solution to meet your cutting expectations or needs, for different types of actions, materials and thicknesses, with **maximum performance and low maintenance**.

Models in the Speedline Fiber Series	Power Output - Resonator	Dimensions
Speedline 1530 Fiber	IPG. Power output from 1.000 W to 10.000 W	1.500x3.000x100 mm
Speedline 2040 Fiber		2.000x4.000x100 mm
Speedline 2060 Fiber		2.000x6.000x100 mm
Speedline 3060 Fiber		3.000x6.000x100 mm



Characteristics	Technical Data
Maximum permitted load	950 kg/m ²
Number of cutting heads	1 to 2
Maximum simultaneous positioning speed	160 m/min
Maximum axial acceleration	19,6 m/s ² (2G)
Machine Tolerance	± 0.05 mm/m
Repeatability precision	± 0.025 mm/m
Power Output	From 1.000 W to 10.000 W
Fully enclosed and cabined machine	Included
Smoke extraction system	Included
Cooling system	Included
Automatic table exchanger	Included
Automatic loader and unloader	Optional

Specifications

- Acceleration rate: 19,6 m/s² (2G)
- Maximum simultaneous positioning speed: 160m/ min
- Precision: ± 0.05 mm
- Energy efficiency: greatly reduced power consumption
- Excellent cutting quality for both fine and medium thickness sheets
- IPG Resonator. Power output from 1 kW to 10 kW
- Precitec Light Cutter cutting head for power output up to 2 kW
- Precitec / Highyag cutting head for power output greater than 2 kW
- Fully enclosed and cabined machine to ensure maximum protection for the operator
- Effective system to change from high to low gas pressure
- Capacitive Sensor, high pressure cutting head
- TCI Cutting parameter tables
- Pre-cut protective film
- Power output control function for automatic nesting and machining (corners, lead-ins)
- Automatic time and cost calculation for pieces
- Network connection via external PC
- Automatic table exchanger (included for some models)
- Smoke extraction system (included for some models)
- 3 Point reference sensor (sheet rotation detection)
- Piercing Sensor
- Collection of workpieces and trimmings
- Dual proportional valve control system for different gas pressures and special system for high pressure cutting
- CNC Fanuc 31iLB
- Sistema refrigeracion
- Automatic nozzle cleaning
- Automatic focus control
- MultiTouch Screen with remote control
- Ultrafast Heightregulation
- TCI Smart Touch 6.0
- TCI Fly Cutting 3.0
- TCI Fast Piercing 2.0
- TCI Automatic cutting system 3.2 (Automation of job lists)

