

Items	Specifications
Max. Sheet Size	5' x 10'
Max. Weight	6,614 lbs
Max. Height	4.73 inches
Cycle Time	60 seconds
Loading Method	Vacuum Suction
Unloading	Fork
Dimensions	315 x 103 x 110 in.
Loading Pallet	1
Unloading Station	1

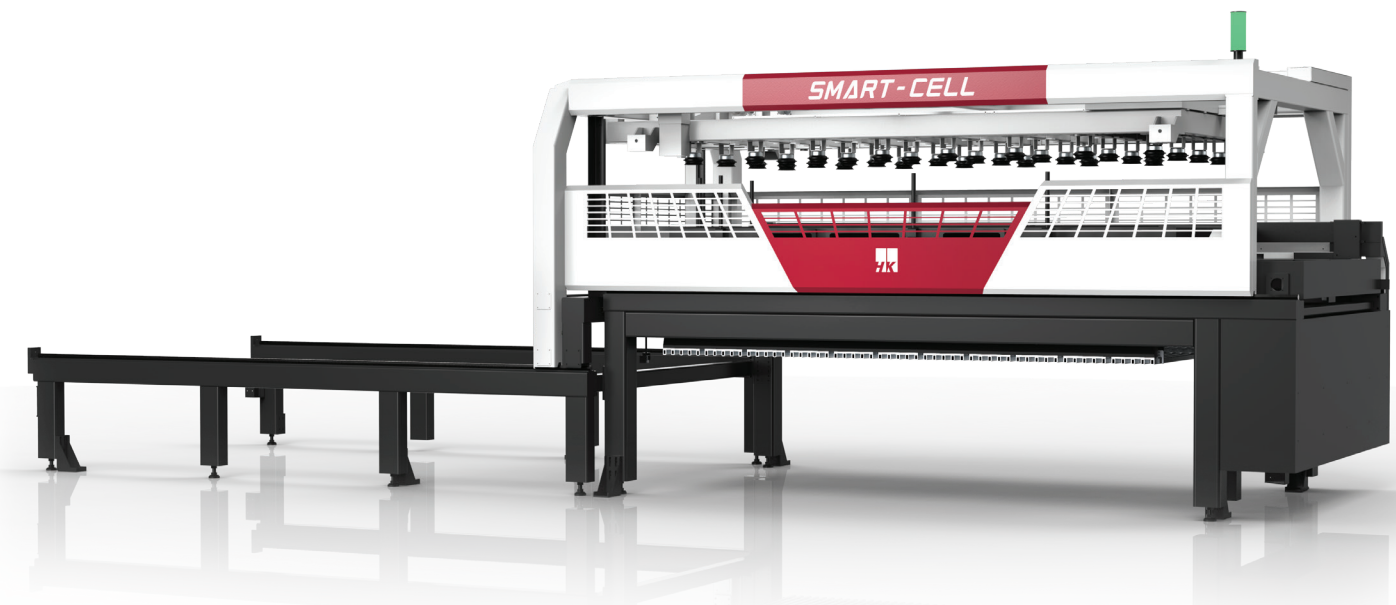
1) Fork system is attached underneath the raw material pallet to move in unison to the machine shuttle table

2) Fork system picks up the processed sheet while the loader picks up the raw material above

3) Pallet/Fork Carrier returns to the home position

4) Loader moves down and loads the raw material to the table

5) Fork system unloads the processed sheet to the unloading station on the ground



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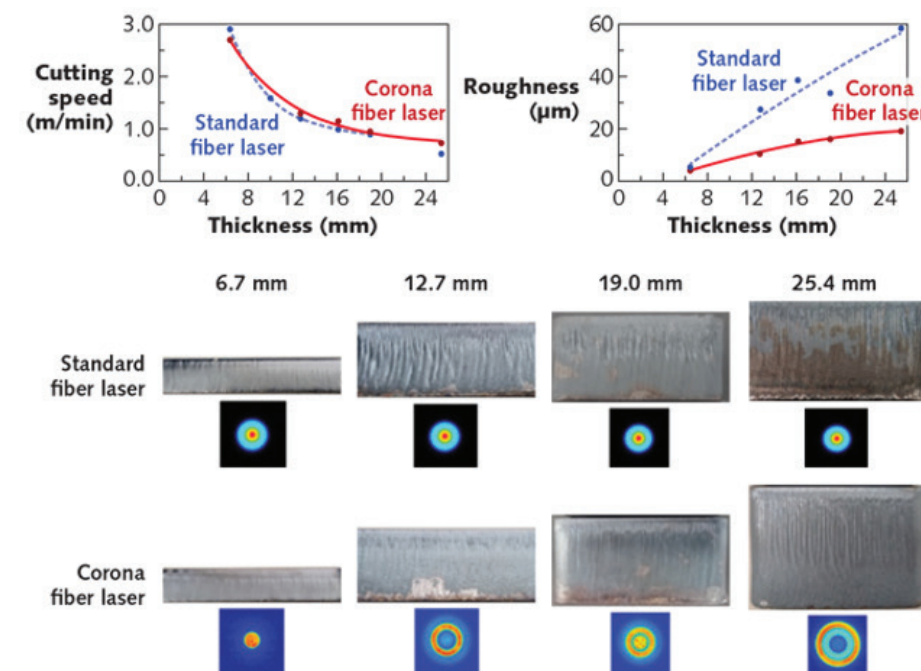
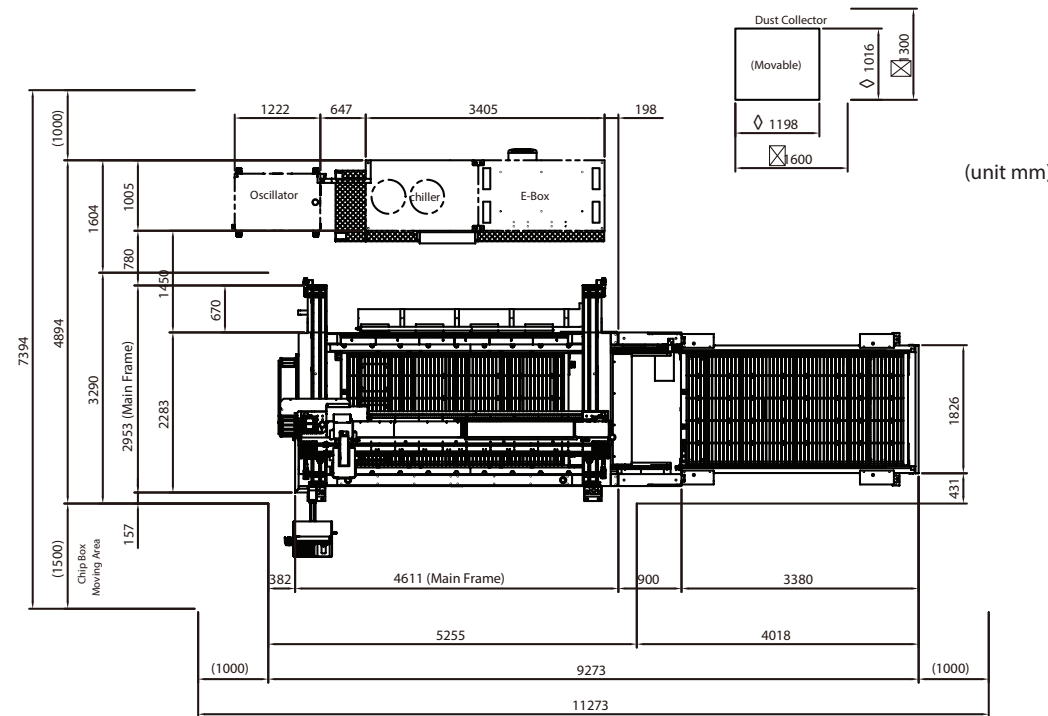
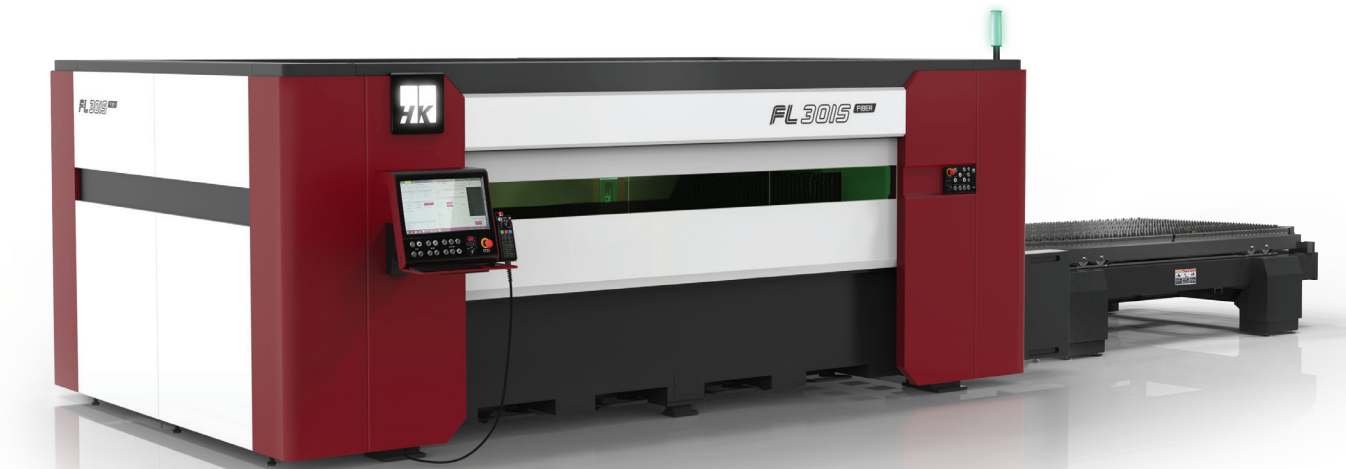
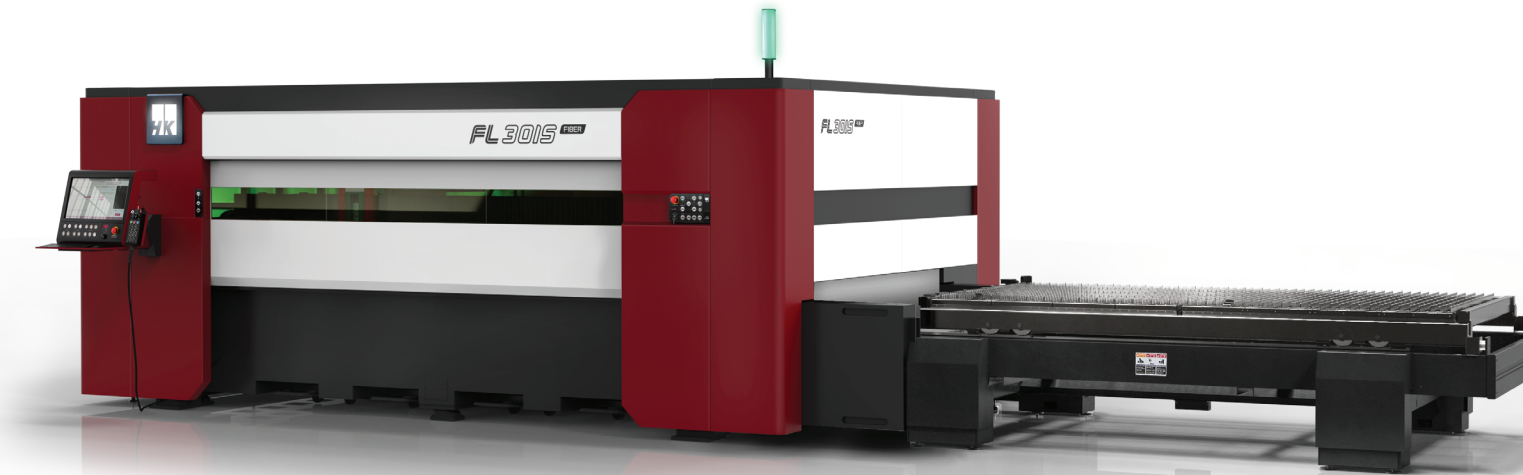
Distributor

FALCON-FL CORONA Fiber Laser



The most versatile fiber laser system on the market

Items	Specifications	Remarks
Model	Falcon-FL Corona	
Laser power	4kw Corona Fiber	6kw and 8kw available
Max cutting size	60" x 120"	
Max Thickness	AL .30", MS 0.750", SS .35"	
Positioning speed	5500 IPM	X and Y axis combined
Accuracy	+/-0.0039"	Over 120" travel
Repeatability	0.001"	
Monitor	21" Flat touch screen	
Cutting Head		Auto Focus Fiber Head
Head sensing	Non-contact capacitive sensing	
Focal Length	5.90" (150mm FL)	
Assist gas port	Two(2) – Oxygen, HP Nitrogen	
Machine weight	34,000 lbs	
Electric Consumption	36.5KW	Including dust collector



Auto Focus Fiber Cutting Head

- Auto focus range +.35" - .55" accuracy is .002". Maximum acceleration of focus lens drive 32.8'/sec
- Upper/Lower protective windows to shield collimator and lens
- Drawer-type lens mount, quick and easy access to the cover glass



HK Controller

- New design of HK control monitor & HMI unit
- 21" high-resolution flat touch screen with key board
- Platform with HK HMI application software
- Pendant operation panel Remote monitoring