



Automated loading, cutting, unloading

JETCAM Line Commander provides complete automation of your material stockers, load/unload and CNC laser, and giving you the capability to deal with real-world situations when required. It provides drag and drop scheduling with full automation of loading and unloading. Interfacing tightly with the line PLC it communicates in real time over TCP/IP to control the entire line - loading material from the stocker onto the laser table, downloading CNC program for the job to be cut, unloading the cut parts and repeating the cycle.

Interactive or automated

Manual controls are also provided to allow staff to control the material stocker while the laser is cutting. The user has real time status of the entire line, and access to comprehensive completed job information, including pallet locations for finished job sheets. An Industry 4.0 option allows for automated data export and notification, a fully-featured parts processing display and real-time statistical analysis to give you a finger on the pulse of your production line.

Line Commander

Complete line automation

Simple Setup

- Permission-based drag and drop scheduling
- Live machine status, with TCP/IP link to CNC and PLC

Log of all material used

- Complete manual control, even when line is running
- Full visualisation of all line processes

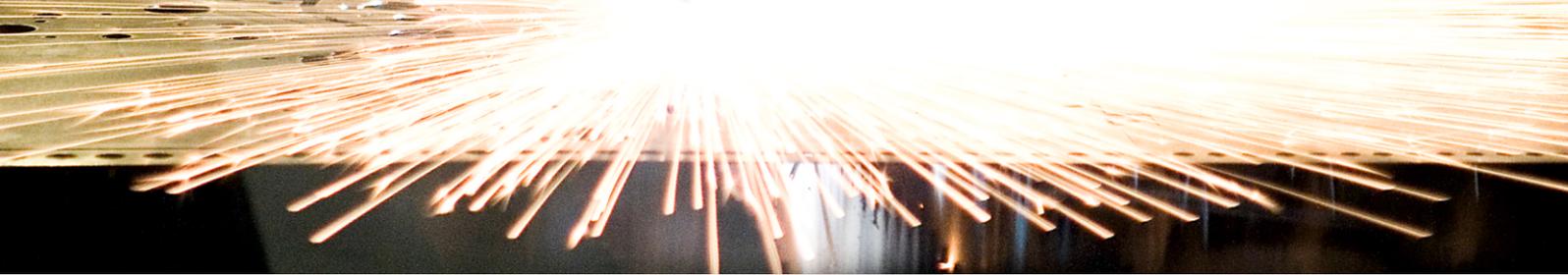
Control of Stocker Pallet for load/unload and finished jobs

- Integration with JETCAM Orders Controller for scheduling
- Auto-pallet reassignment and auto-restart after clearing errors

Industry 4.0 Option

Automated data export and notification system

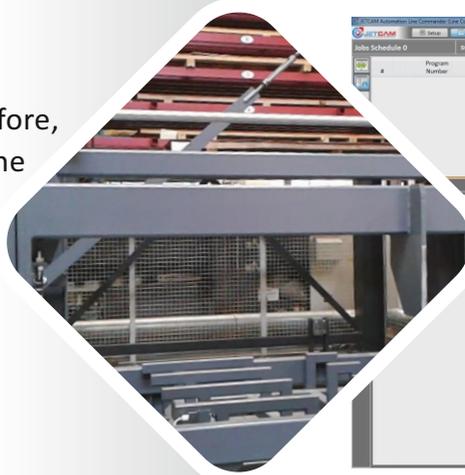
- Parts processing display, showing status of all part orders
- Real-time statistical displays, giving a 'finger on the pulse'



Line Commander in action

Total material control

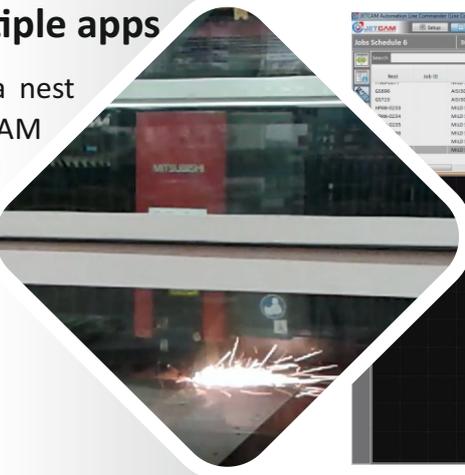
Know exactly where your material is before, during and after cutting on the laser. Line Commander can connect to multiple stockers and instantly see size, quantity and state information for each item.



Program Number	Nest	Sheets	Stock Item	Raw Pallet	Unload Pallet	Material	Thk. mm	Size X mm	Size Y mm
1	Raw material	OK	3000.0	3000.0		MILD STEEL 1.0 mm			
10	Unloading	OK	3000.0	3000.0					
20	Raw material	OK	2000.0	2000.0		FRNCO 2.0x40 0.8 mm			
30	Unloading	OK	2000.0	2000.0					
40	Raw material	OK	3000.0	3000.0		FRNCO 3.0 mm			
50	Raw material	OK	2000.0	2000.0		FRNCO 2.0x40 0.8 mm			
60	Raw material	OK	3000.0	3000.0		MILD STEEL 1.0 mm			

Drag & Drop Scheduling from multiple apps

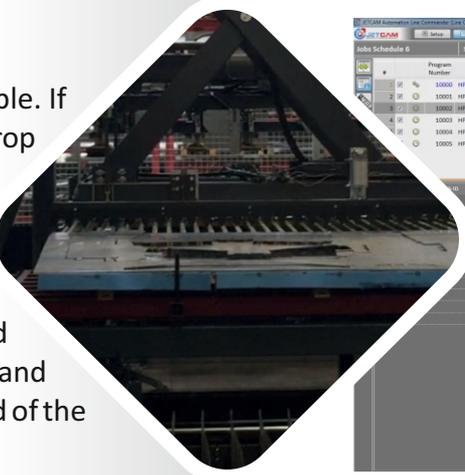
It's the same simple process to schedule a nest whether using Line Commander or JETCAM Orders Controller. Just select your nest and drag it into the worklist for your selected machine. All Scheduler Stations update in real time, so everyone knows the exact status of all jobs.



Nest	Job ID	Program Number	Next	Sheets	Stock Item	Raw Pallet	Unload Pallet
0000	0000	10000	HPQ-0234	0/1	MS 1		
0001	A0100-02 INQ-001	10002	HPQ-0234	0/1	MS 1		
0002	A0100-02 INQ-001	10003	HPAN-G235	0/2	MS 1		
0003	MILD STEEL	10004	HPAN-G236	0/2	MS 1		
0004	MILD STEEL	10004	HPAN-G237	0/1	MS 1		
0005	MILD STEEL	10004	HPAN-G238	0/1	MS 1		

Dealing with real-world situations

Full automation still needs to let you be flexible. If you receive an urgent job you can drag and drop it straight into the schedule - even while the machine is cutting. You can rearrange jobs within the schedule even while the line is running. An Industry 4.0 option provides additional features, such as automated notifications, real-time statistical displays and automatic data exports, keeping you informed of the current situation wherever you are.



Program Number	Nest	Sheets	Stock Item	Raw Pallet	Unload Pallet	Material	Thk. mm	Size X mm	Size Y mm
10000	HPAN-G233	0/3	MS 1	01-5	02	MILD STEEL	1.0	2000.0	1000.0
10001	HPAN-G234	0/1	MS 1	01-5	02	MILD STEEL	1.0	2000.0	1000.0
10002	HPAN-G235	0/2	MS 1	01-5	02	MILD STEEL	1.0	2000.0	1000.0
10003	HPAN-G236	0/2	MS 1	01-5	04	MILD STEEL	1.0	2000.0	1000.0
10004	HPAN-G237	0/1	MS 1	01-5	04	MILD STEEL	1.0	2000.0	1000.0
10005	HPAN-G238	0/1	MS 1	01-5	04	MILD STEEL	1.0	2000.0	1000.0