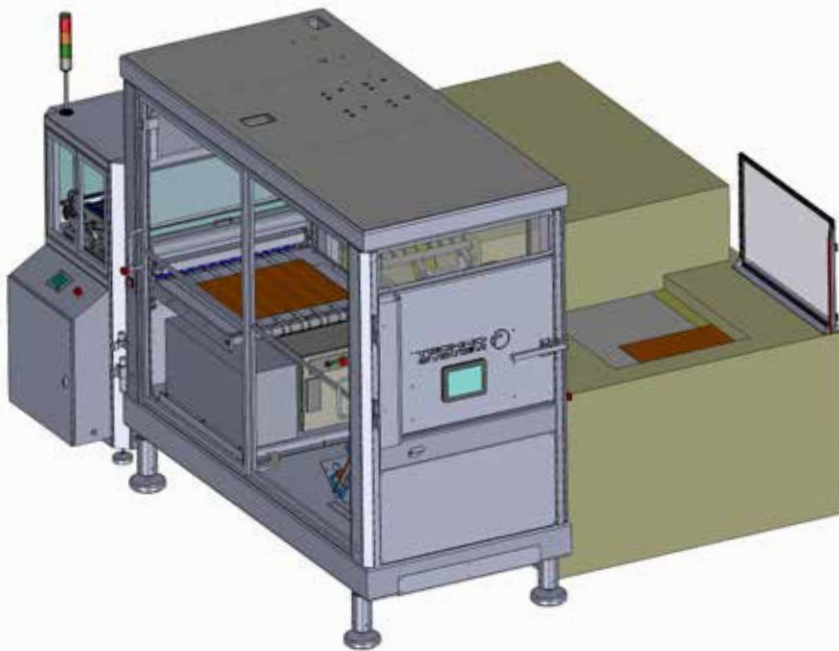


V1 LDI



The **V1-LDI Loader / Unloader** was designed to load direct imaging machines drastically reducing human intervention. This machine was designed to serve medium and prototype PCB shops with a large job mix. **The V1 – LDI Loader** has the capability to load and unload inner and outer layers with dry film, roller clean the top surface and lay them on the DI table to be exposed.

The Loader has a full integration with the DI in order to know when the board has been exposed, when it needs to be flipped and when to be removed from the table. The full protocol integration with the DI is designed to generate a job list with as many as required different jobs.

Equipped with 2 L-rack Stations, the first one used to load non exposed panels and the second one as a buffer station. A fully integrated cleaning device guarantees the panel is roller cleaned before it is laid on the DI table. The machine is equipped with an automatic turning device in order to expose both sides (A and B) without human intervention.

The V1- LDI Loader can be installed with any direct imaging machine available in the market.

	Length	Width	Thickness	Weight	Line speed to range	
Max. Panel Size	620mm	530mm	3 mm	3 Kg	Panel / min	3
Min. Panel Size	460mm	350mm	50 µm	0,2 Kg	Max m / min	N / A
					Min m/min	N / A

Youtube channel



V3 for LDI

Main features	Loader / Unloader
CCD Camera for Alignment	✓
Plastic Interleaves	✓
6 Axis Robot	✓
Touch Screen	✓
PLC (Control)	✓
Frequency converter on conveyor	✓
Venturi system Arm N°1	✓
Automatic Adjustment of Suction Cups Arm N°1	0
Centering Device	✓
Panels in L Rack	✓
Turning Device	✓
Roller cleaner	✓

