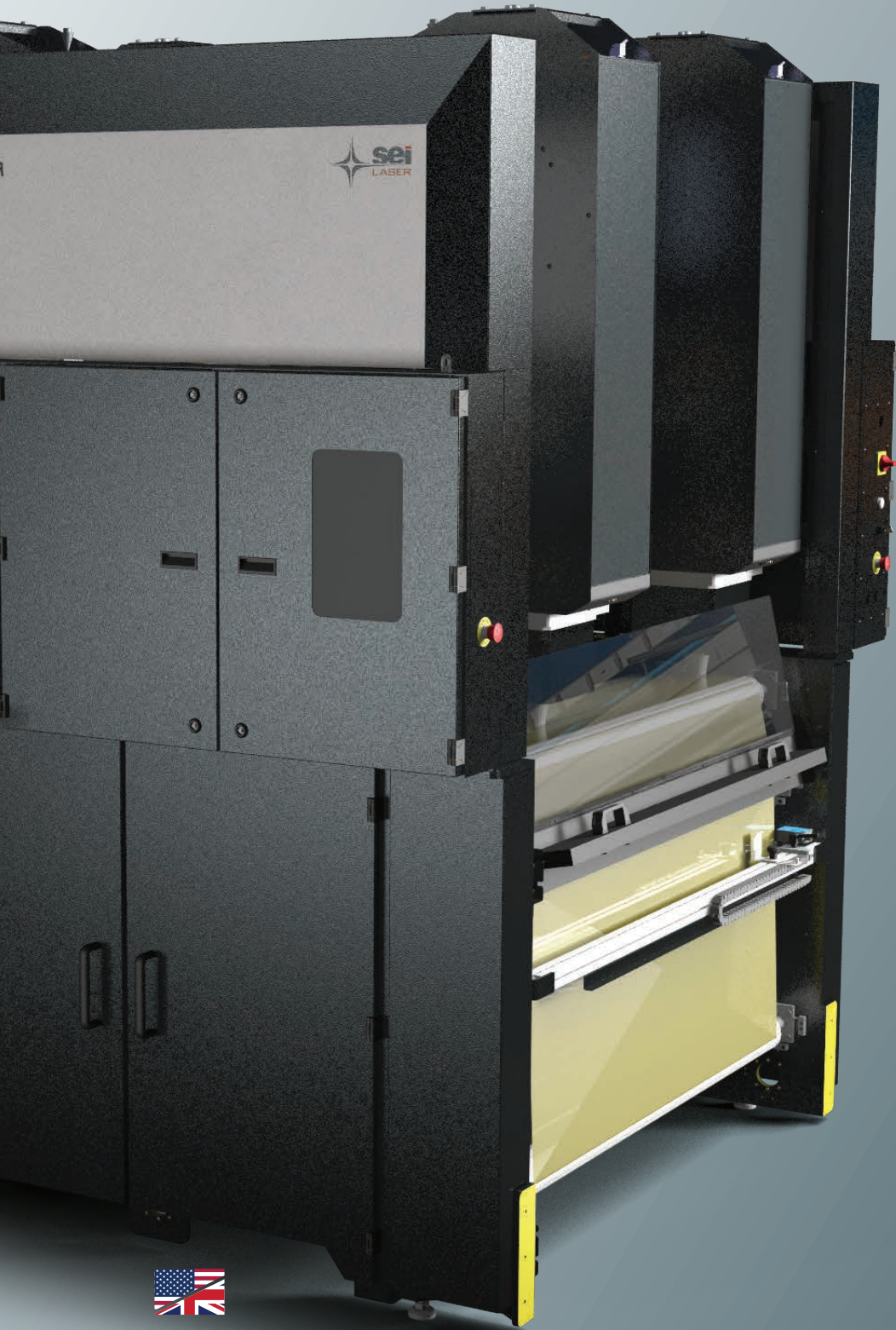
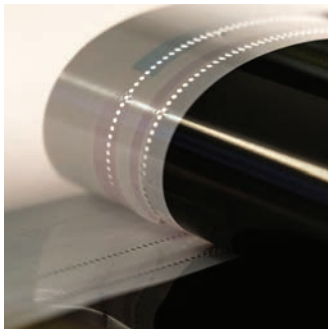


FLEXIBLE PACKAGING PACK MAKER



PackMaster is the range of laser systems designed by SEI for cutting, scoring, and perforation of flexible packaging material such as single layer (PE, PET, PP, nylon, PTFE), laminated films and paper.

Our laser systems offer multiple innovative solutions including easy-open, window packaging, micro/macro perforation for easy-ventilation, MAP and other applications.



Quality:

the main laser features are the absolute accuracy in the material removal depth, through cut, micro holes and the repeatability of the process. All these features fit perfectly with the application requirements of the flexible packaging material process.



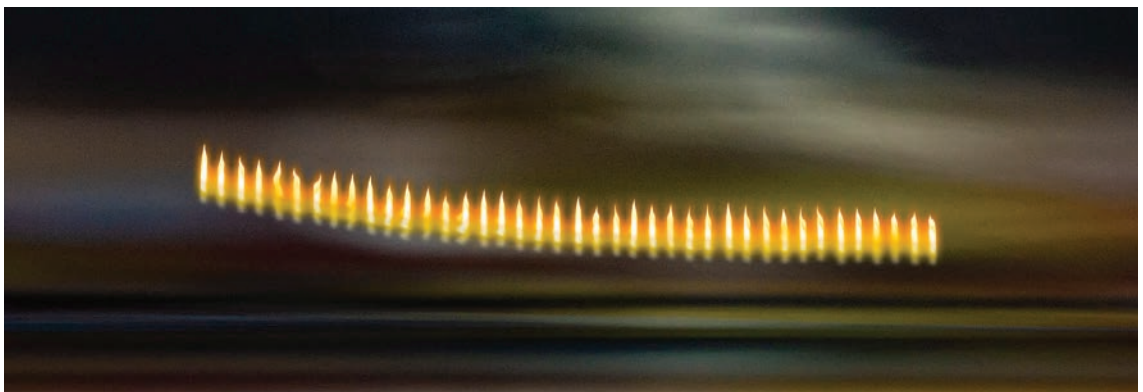
High Productivity:

high production speeds can be reached thanks to galvanometric scanning heads (Cross Web – CW) or with fixed focal heads (Web Direction – WD) of our own design and manufacture.



Flexibility:

the full digital processing allows a direct work change with a consequent reduction of set-up times and related costs (which is not possible when using traditional mechanical solutions).



PACKMAKER



Main features:

- Class 1
- Compact laser module
- Upgradable system
- Up to n.8 laser module on the same structure
- Compact machine overall dimensions
- Different laser module type for different laser job type on material
 - Laser power V30 or V150
 - Wave length according to type materials
- Several idle rollers for a different web path
- Motorized laser module positioning
- Fume exhaust system and waste box collector

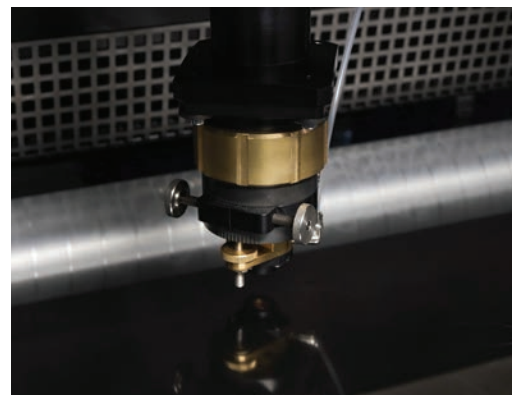
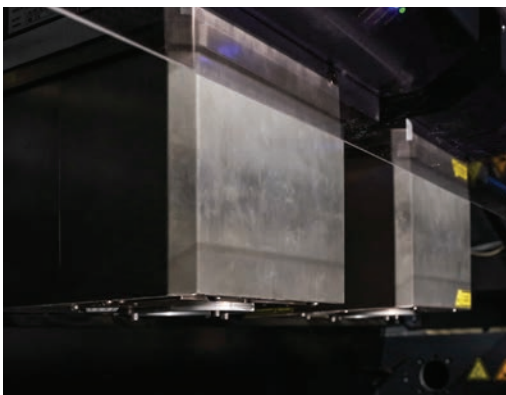


OFFICIAL VIDEO

PackMaker is the new system introduced in the PackMaster family and represents an opportunity for flexible packaging customers to have a versatile system able to perform both in cross web and web direction jobs.

This all-in-one system is an excellent technological innovation for flexible packaging products, especially for those interested in micro-perforation (hole run mode system), along with other standard applications on flexible packaging.

The PackMaker laser system can be integrated on existing production lines (such as slitter-rewinder or similar) and it can be equipped with up to 8 independent laser sources.



PACKMAKER CONFIGURATIONS & APPLICATIONS

	NANO PERFORATION IN WEB DIRECTION	MICRO PERFORATION IN WEB DIRECTION	SCORING IN WEB DIRECTION	DASHED LINE IN WEB DIRECTION	MICRO PERFORATION IN CROSS WEB	SCORING IN CROSS WEB	SHAPES IN CROSS WEB	DASH LINE IN CROSS WEB	DOUBLE LINE IN W.D. (MAX.DISTANCE 3mm)	DOUBLE MICRO PERFORATION IN W.D. (MAX.DISTANCE 3mm)
Web direction ↓	• • •	• • •		- - -	• • • • •	~ ~ ~	○ ○ ○ ○ ○	- - - -		• • • • •
MODULE S: Scanning Head WA (200x200 mm)	✓	✓	✓	✓	✓	✓	✓	✓		
MODULE ST: Scanning Head + Focus Optic WA (200x200 mm)	✓ ⁽¹⁾	✓	✓	✓	✓	✓	✓	✓		
MODULE T₁: Focus optic	✓ ⁽²⁾	✓	✓	✓						
MODULE T₂: Focus optic with aspherical lens									✓	✓
APPLICATIONS										
	Controlled permeability MAP	Controlled permeability MAP Microwavable Shrink-Sleeve	Easy open Closable Bags	Easy open Venting	MAP Microwavable Shrink-Sleeve	Easy open Peel and Reseal	Fruit and Vegetable Packaging	Easy open Venting	Easy open Closable Bags	Controlled permeability MAP Microwavable Shrink-Sleeve

(1) Micro-perforation with hole run mode

(2) Micro-perforation without hole run mode

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