

# The Domino D550+

*Extremely versatile and robust 55W scribing laser designed to provide superior quality coding at **high speed** production lines on a wide range of surfaces including demanding substrates and applications.*



## Key Benefits

### Versatile coding

- Marks serial numbers, batch codes, bar codes, 2D codes, realtime numbers, logos, graphics, or more complicated European and Asian characters
- Range of marking fields dependent on application

### High Reliability

- Robust and reliable in the most demanding production environments
- Proven sealed-off CO<sub>2</sub> laser technology requires no consumables and minimum maintenance
- No hard drive needed - less moving parts for high reliability

### Easy to install and integrate

- Compact laser head with modular design for installation in any orientation
- Separate controller can be easily mounted or stacked and/or stored away minimising footprint requirements

### Simple to Use

- The D550+ has a built-in web server that allows all functionality to be controlled remotely via any interface running a standard Java-enabled web browser
- Domino Touchscreen option



### Pharmaceutical Option

- Unique user passwords and change reporting
- Validation packages available
- Facilitates adherence to 21-CFR part 11 and GAMP

## Main Features

- Modular design for flexible laser head orientations
- Flexible controller for easy mounting and stacking options
- Intuitive Windows® based software
- User friendly remote Domino Touchscreen



Various high quality fonts and mark field options



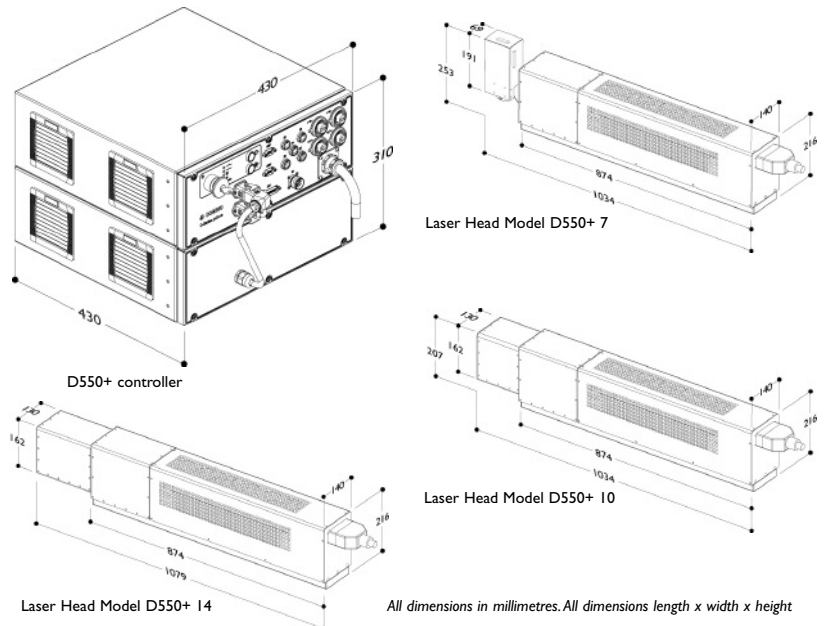
Easy to use intuitive interface

## Technical Specifications:

	D550+ 7	D550+ 10	D550+ 14
<b>Laser Type</b>	Sealed-off CO <sub>2</sub> laser, 30,000 hours MTBF		
<b>Laser Wavelength</b>	typical 10.6µm		
<b>Laser Power</b>	55W		
<b>Marking Features</b>			
Characters per Second	1500*	1000*	350*
Product Line speed	400m/min* 1312ft/min*	305m/min* 1000ft/min*	125m/min* 410ft/min*
Number of Lines of Text	As many as desired*		
Character Height	0.8mm to size of marking field	0.5mm to size of marking field	0.3mm to size of marking field
Fonts	22 fonts, multi-language including full Unicode		
Marking Field & Focal Length	40x40mm 100mm	60x60, 120x120, 180x180mm 100, 200, 300mm	60x60, 120x120, 180x180mm 100, 200, 300mm
<b>User Interface</b>	Web Browser-based Graphical User Interface (GUI) (optional Touchscreen available) WYSIWYG entry, control language in English, German, French, Spanish, Dutch, Danish, Polish, Portuguese, Italian, Korean, Russian, Swedish and Chinese (Simplified)		
<b>Operating System</b>	Windows CE		
<b>Laser Head</b>	Stainless steel and aluminium construction		
Weight & Dimensions	30kg 1034 x 140 x 253mm** 66lbs 40.7 x 5.5 x 9.9in	32kg 1034 x 140 x 216mm** 71lbs 40.7 x 5.5 x 8.5in	33kg 1079 x 140 x 216mm** 73lbs 42.5 x 5.5 x 8.5in
<b>Control Cabinet</b>	Stainless steel construction		
Weight & Dimensions	27kg, 430mm x 430mm x 310mm (WxDxH)/ 59lbs 16.9 x 16.9 x 12.2in		
Conduit Length	4.5m (14.8ft), 9m (29.5ft) optional		
<b>Inputs &amp; Outputs</b>			
Product Detect Inputs	NPN / PNP / 24V – Sensor		
Product Speed Detect	Shaft encoder or steady signal		
Signal Inputs			
Signal Outputs	Laser ready, busy signal beacon, fume extractor control		
<b>Interfaces</b>	RS232, Ethernet (10/100 MBit), USB Port		
<b>Touchscreen (optional)</b>	10.4" SVGA full colour touchscreen, 310 x 235 x 80mm (WxDxH), VERSA 75 mounting standard		
<b>Electrical Requirements</b>	88–132V / 170–264V 47–63Hz 1750W		
<b>Environment</b>	Designed for IP54, air cooled (fans)		
<b>Environmental Standard</b>			
Operating Temperature	15° to 38°C (60° to 100°F)		
Operating Humidity	Max. 90% RH, non condensing		
<b>Options</b>			
Touchscreen, User I/O, axial beam output, network and remote control software (TCP / IP), fume extraction shroud			

\*Characters per second and production line speeds are substrate and code dependent

\*\*Dimensions measured overall



[www.domino-printing.com](http://www.domino-printing.com)

