



Laser Cleaning Machines

Fast, Precise Laser Surface Cleaning



LM DPL-C Series Continuous Wave Laser Cleaner

The LM DPL-C Handheld Laser Cleaner is a powerful and efficient solution for removing rust, paint, coatings, oil, and surface contaminants from metal components. Using advanced non-contact laser technology, it cleans surfaces with precision while preserving the integrity of the base material, making it ideal for maintenance, restoration, and industrial surface preparation.

Designed for reliability, portability, and ease of operation, the LM DPL-C provides a fast and environmentally friendly alternative to traditional cleaning methods such as abrasive blasting or chemical treatments. With minimal consumables and low maintenance requirements, it helps manufacturers and maintenance teams improve productivity while achieving consistent, high-quality cleaning results.



Versatile Applications

Suitable for rust removal, paint stripping, weld cleaning, surface preparation, mould cleaning, and restoration tasks.



Environmentally Friendly

Eliminates the need for chemical cleaners or abrasive blasting media, reducing waste and environmental impact.



Non-Contact Cleaning Process

Cleans surfaces without abrasion or chemicals, preserving the integrity of the base material and preventing surface damage.



Portable Handheld Design

Compact and easy to manoeuvre, making it ideal for maintenance work, workshop environments, and on-site cleaning applications.



Precision Control

Adjustable parameters allow fine-tuning of the cleaning process for different materials, coatings, and levels of contamination.



High-Power Laser Cleaning

Delivers efficient removal of rust, paint, coatings, oil, and other surface contaminants using advanced laser technology.

Parameters	LM DPL-C
Laser Source	Continuous Wave - Fiber
Power (W)	1500 / 2000 / 3000
Fiber Cable Length (m)	10 - 30
Wavelength (nm)	1070
Beam Width (mm)	5 - 200 - adjustable
Max. Single Pulse Energy (mj)	15 / 50
Cooling	Water Cooling
Laser Pulse Frequency (kHz)	10 - 4000



LM DCL-A Series Continuous Wave Laser Cleaner

The LM DCL-A Series is a high-power continuous-wave laser cleaning machine designed for efficient removal of rust, paint, oil, carbon deposits, oxides and other contaminants from metal and selected non-metal surfaces.

Available in 1500W, 2000W, and 3000W configurations, the LM DCL-A combines a continuous fibre laser source with a high-speed scanning system and precision control system to deliver fast and controlled surface cleaning. The higher laser power makes it particularly suited to demanding industrial applications where productivity and cleaning speed are important.



Air-Cooled Design

Eliminates the need for a separate water-cooling system, helping reduce overall machine size and weight.



High-Speed Scanning System

Helps maximise cleaning productivity across larger surfaces and components.



Multiple Scanning Patterns

Allows the cleaning pattern to be adapted to different workpieces and contamination types.



Precision Control System

Provides controlled adjustment of the cleaning process for different applications.



Non-Contact Cleaning Process

Cleans surfaces without abrasion or chemicals, preserving the integrity of the base material and preventing surface damage.



Continuous Fibre Laser Technology

Delivers consistent laser energy for demanding industrial cleaning applications.

Parameters	LM DCL-A 1500	LM DCL-A 2000	LM DCL-A 3000
Laser Source	Continuous Wave - Fiber		
Power (W)	1500	2000	3000
Fiber Cable Length (m)	10 - 20		
Wavelength (nm)	1070		
Beam Width (mm)	10 - 150 - adjustable		10 - 200
Clean Speed	< 30m ² /hour	< 50m ² /hour	< 80m ² /hour
Cooling	Air Cooling		
Voltage	220/110V, 50/60Hz, Single phase	380/220V, 50/60Hz, 3 phase	



LM DPL-6000 Continuous Wave Laser Cleaner

The LM DPL-6000 Series is a high-power industrial laser cleaning system designed for fast and efficient removal of rust, paint, grease, oxides, coatings and other surface contaminants.

Powered by a 6000W continuous-wave fibre laser, the machine delivers high cleaning power for demanding industrial applications and large surface areas. Its high-speed scanning system provides an adjustable cleaning width of up to 500mm, helping increase productivity when working across larger components and structures.

A smart touchscreen control system allows cleaning parameters to be adjusted during operation, while built-in safety features including interlock protection, emergency stop and automatic monitoring help support safe machine operation.



High-Speed Cleaning

Enables significantly faster processing of large workpieces and structures compared with lower-powered systems.



Adjustable Scan Width

Allows the cleaning area to be matched to the size and requirements of the workpiece.



Water-Cooled Laser System

Provides stable temperature control during extended, high-power operation.



Smart Touchscreen

Provides straightforward access to machine controls and real-time parameter adjustments.



Non-Contact Cleaning Process

Cleans surfaces without abrasion or chemicals, preserving the integrity of the base material and preventing surface damage.



Heavy-Duty Industrial Design

Built for demanding cleaning applications across manufacturing, fabrication and industrial environments.

Parameters	LM DPL-6000
Laser Source	Continuous Wave - Fiber
Power (W)	6000
Fiber Cable Length (m)	10 - 30
Wavelength (nm)	1070
Beam Width (mm)	5 - 200 - adjustable
Max. Single Pulse Energy (mj)	15 / 50
Cooling	Water Cooling
Laser Pulse Frequency (kHz)	10 - 4000



LM DPL-A Series Pulse Laser Cleaner

The LM DPL-A Series is a compact, handheld laser cleaning system designed for the controlled removal of rust, paint, oil, oxide layers and other surface contaminants.

Using pulsed laser technology, the machine delivers concentrated laser energy in short pulses to remove unwanted material from the surface without physical contact. This provides a controlled alternative to traditional abrasive cleaning methods and is particularly suited to applications where the underlying surface needs to be carefully preserved.

With its combination of pulsed laser technology, adjustable cleaning parameters and portable handheld operation, the LM DPL-A Series is well suited to workshops, maintenance operations, fabrication environments and on-site cleaning applications.



Adjustable Pulse Frequency

Provides greater control over the cleaning process for different applications.



2D Continuous Cleaning Head

Provides flexible scanning across the workpiece for efficient handheld cleaning.



Preset Cleaning Processes

Simplifies setup for common cleaning applications and helps operators achieve repeatable results.



Anti-High-Reflection Protection

Provides additional protection when working with reflective materials.



Non-Contact Cleaning Process

Cleans surfaces without abrasion or chemicals, preserving the integrity of the base material and preventing surface damage.



Air-Cooled Design

Eliminates the need for a separate water-chilling system, helping keep the machine compact and portable.

Parameters	LM DPL-A
Laser Source	Pulse Laser - Fiber
Power (W)	100 / 200 / 300
Fiber Cable Length (m)	5
Wavelength (nm)	1064
Beam Width (mm)	5 - 114 - adjustable
Max. Single Pulse Energy (mj)	1.5 / 2 / 5 / 15
Cooling	Air Cooling
Laser Pulse Frequency (kHz)	20 - 4000



LM GT-500 Pulse Laser Cleaner

The LM GT-500 is a compact and portable 500W pulsed laser cleaning machine designed for efficient removal of rust, paint, oil, oxides and other surface contaminants.

Using pulsed laser technology, the LM GT-500 removes unwanted material without direct contact with the workpiece. Laser energy is selectively absorbed by the contaminant, causing it to vaporise or separate from the surface while helping to preserve the underlying substrate.

With adjustable cleaning parameters, interchangeable cleaning head options and specialised functions for delicate and highly reflective materials, the LM GT-500 provides a flexible solution for surface preparation, restoration and industrial cleaning applications.



Air-Cooled Design

Eliminates the need for a separate water-cooling system, helping reduce overall machine size and weight.



7" HD Touchscreen

Provides straightforward access to operating parameters and cleaning pattern selection.



Non-Contact Cleaning Process

Cleans surfaces without abrasion or chemicals, preserving the integrity of the base material and preventing surface damage.



Adjustable Cleaning Parameters

Allows the machine to be configured for different materials, contaminants and cleaning requirements.



Reflective Material Cleaning

Specialised optical configuration allows the machine to be used for cleaning highly reflective materials.



20+ Customisable Presets

Frequently used cleaning parameters can be saved for faster setup and repeatable results.

Parameters	LM GT-500
Laser Source	Pulse Laser - Fiber
Power (W)	500
Fiber Cable Length (m)	10
Wavelength (nm)	1064
Beam Width (mm)	X: 5 - 120 - adjustable Y: 5 - 70 - adjustable
Max. Single Pulse Energy (mj)	5 / 15 / 50
Cooling	Air Cooling
Laser Pulse Frequency (kHz)	10 - 4000



LM DPL-300 Pulse Laser Cleaner

The LM DPL-300 Handheld Pulse Laser Cleaning Machine is a high-precision, non-contact cleaning solution designed to remove rust, paint, oxides, coatings, grease, and other surface contaminants without damaging the underlying material. Utilising advanced pulsed fibre laser technology, the LM DPL-300 delivers exceptional cleaning accuracy while generating minimal heat, making it ideal for applications where surface integrity is critical.

Designed for ease of use and industrial reliability, the LM DPL-300 features an ergonomic handheld laser cleaning head, intuitive controls, and adjustable cleaning parameters that allow operators to optimise performance for a wide variety of applications. Its compact design and efficient fibre laser source deliver consistent results while reducing ongoing maintenance and operating costs.



Ergonomic Handheld Design

A lightweight, comfortable cleaning head improves manoeuvrability and reduces operator fatigue during extended cleaning tasks.



Removes Multiple Contaminants

Quickly removes rust, paint, oxides, grease, coatings, carbon deposits, and other surface contaminants from a wide variety of metal components.



Non-Contact Cleaning Process

Cleans surfaces without abrasion or chemicals, preserving the integrity of the base material and preventing surface damage.



Adjustable Cleaning Modes

Customisable laser parameters allow operators to optimise cleaning performance for different materials, coatings, and levels of contamination.



Protects Base Materials

The low-heat pulse laser minimises thermal impact, making it ideal for cleaning delicate and sensitive surfaces without distortion.



Precision Pulse Technology

Provides concentrated energy for effective removal of stubborn contaminants and coatings.

Parameters	LM DPL-300
Laser Source	Pulse Laser - Fiber
Power (W)	300
Fiber Cable Length (m)	10
Wavelength (nm)	1064
Beam Width (mm)	10 - 150 - adjustable
Max. Single Pulse Energy (mj)	1.5 / 15
Cooling	Water Cooling
Laser Pulse Frequency (kHz)	5 - 400



LM DPL-B Series Backpack Laser Cleaner

The LM DPL-B Backpack Laser Cleaning Machine is an ultra-portable pulsed laser cleaning system designed for cleaning applications where conventional laser cleaning equipment is difficult to transport or operate.

With a 300W pulsed laser, air-cooled design and integrated battery power, the machine can be carried directly to the work area, making it particularly suited to outdoor, elevated and confined-space applications. Weighing just 23kg including its batteries, the backpack-style system allows operators to move freely while cleaning components, structures and surfaces that may be difficult to access with conventional equipment.

The LM DPL-B is ideal for mobile maintenance, restoration and industrial cleaning applications where portability, accessibility and independent operation are important.



Backpack Design

Allows the complete cleaning system to be carried directly to the work area, improving mobility in difficult locations.



Battery-Powered Operation

Enables cleaning in locations where mains power is unavailable or inconvenient.



Non-Contact Cleaning Process

Cleans surfaces without abrasion or chemicals, preserving the integrity of the base material and preventing surface damage.



300W Pulsed Fibre Laser

Provides controlled laser energy for removing rust, paint, oil, oxides and other contaminants.



2D Handheld Cleaning Head

Lightweight head design improves manoeuvrability and operator comfort.



Air-Cooled Design

Eliminates the need for a separate water chiller and helps keep the system compact.

Parameters	LM DPL-B
Laser Source	Pulse Laser - Fiber
Power (W)	200 / 300
Fiber Cable Length (m)	1.5
Dimensions (mm) (L x W x H)	500 x 280 x 530
Beam Width (mm)	X: 5 - 120, adjustable Y: 5 - 70, adjustable
Control System	4.3-inch touch screen; 14 languages; 12 cleaning modes
Cooling	Air Cooling
Power Supply	Rechargeable Battery / AC Power

LASER MACHINES

At Laser Machines, we are committed to being Australia's trusted partner for laser cutting machinery and related equipment. Specialising in cutting-edge solutions, we empower businesses with the highest quality machinery and unmatched service and support.

Our solutions-oriented approach prioritises customer satisfaction by delivering reliable products tailored to diverse needs and applications. With a focus on quality and service, we work closely with our clients throughout every step of their journey, ensuring they receive solutions designed to enhance operations and achieve their goals.

Backed by over 70 years of combined experience, our team collaborates directly with manufacturers to drive innovation and deliver machinery that meets the evolving demands of modern industries. At Laser Machines, we don't just supply equipment - we provide expertise, partnerships, and the tools for success.



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