



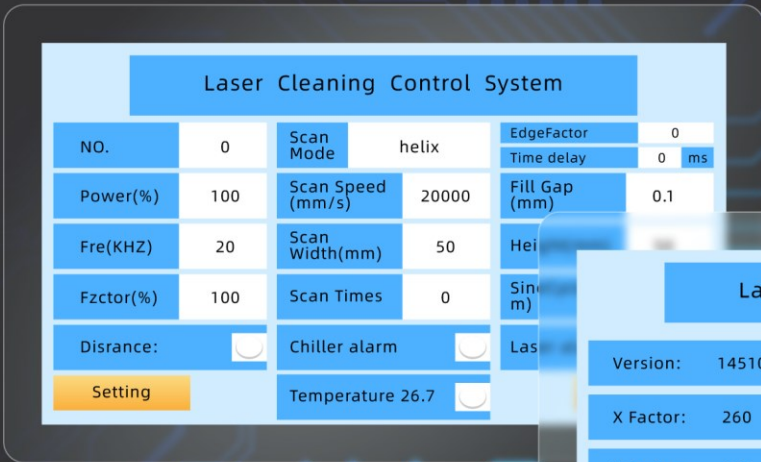
OMNITEC
— LÁSER —



SMART SERIES
Laser Cutting Machines

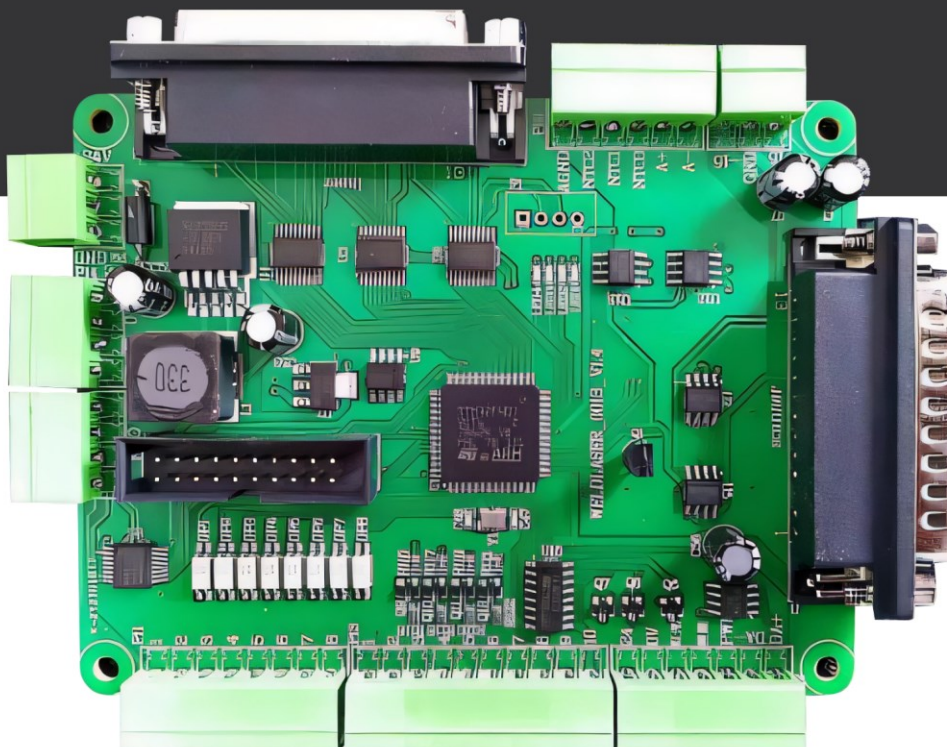


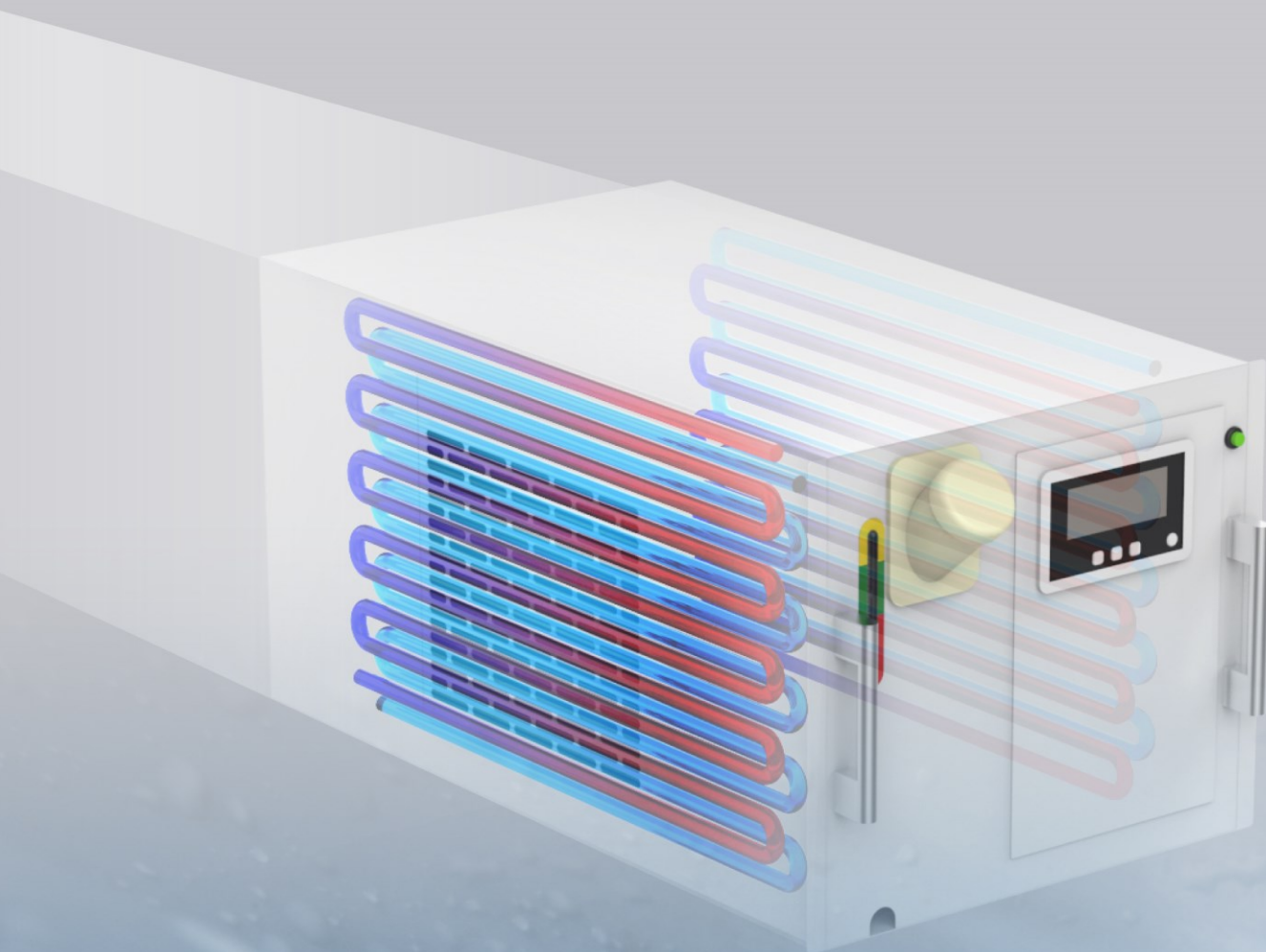
MODEL	SMART HC1500	SMART HC2000	SMART HC3000
Power	1500W	2000W	3000W
Laser type	Fiber		
Wavelength	1080nm		
Frequency	20-200kHz		
Output focal length	300mm		
Power consumption	6KW	8KW	10Kw
Electricity demand	220V 1PH		380V 3PH



A powerful operating system

Simple and clear operation interface,
easy to master and easy to adjust



 **Details Chiller**

Powerful chiller

Provide cooling protection for laser and laser head
Ensure the stability of the production process and prolong the service life

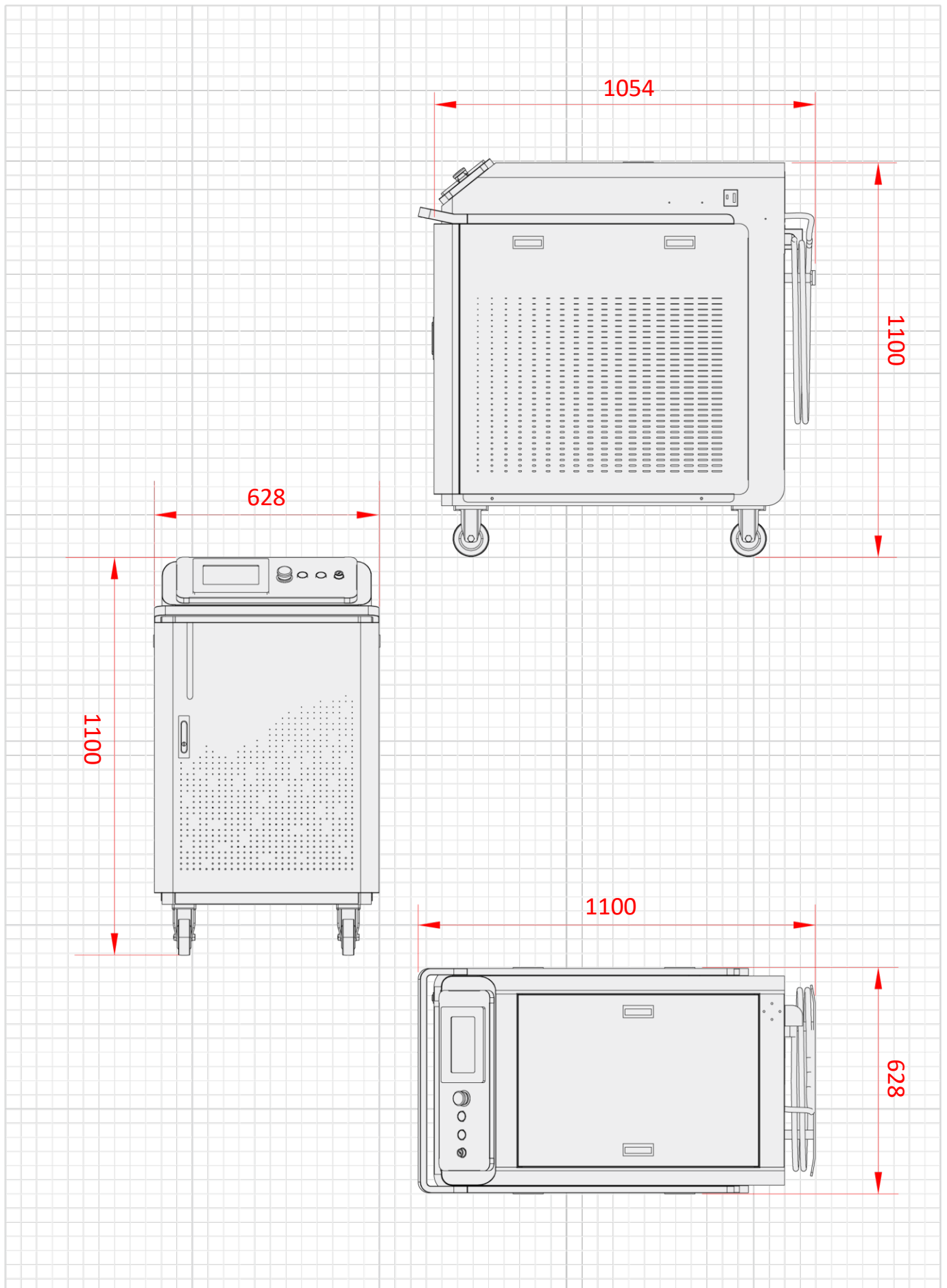
TECHNICAL SPECIFICATIONS

Machine Model	HC-3000
The laser wavelength	1080nm
Laser power	3000W
Cleanable material	Carbon steel stainless steel aluminum
Optical fiber	50um, 15m
Modulation frequency	50KHz
Energy stability	<3%
Cooling medium	Distilled water/pure water
The whole machine net weight	> 210KG
Spot diameter (swing optional)	0-5mm
Machine size (mm)	Length: 1110 width: 595 height: 1030
The engine power	10000W
Recommended Environment	Clean and dust-free, no source, 10°C-50°C, humidity < 70%
Operating mode	LCD touch screen
The power supply	380 v / 3PH 50HZ or 60HZ optional based on country and region

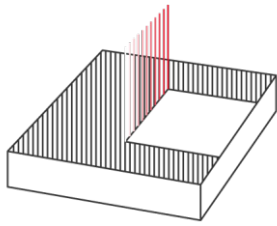
MACHINE CONFIGURATION

NO.	Name	Specifications	Quantity	Remarks
1	Integrated cabinet	HC series	1 set	HG-Star
2	laser	3000W	1platform	RECI 3000W
3	Cold water machine	Special optical fiber chiller	1platform	50HZ/60HZ optional
4	Laser cleaning joint	QBH	1 set	Double pendulum welding joint (optional)
5	Control system	Touch screen control system	1 set	HG-Star
		7 inch resistance control screen		
		Hand cleaning joint		
		Install components by sending wire		
6	Device Appearance Color	HgTECH standard color		HG-Star

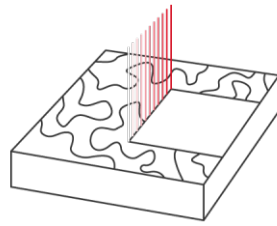
MACHINE OCCUPATION MAP



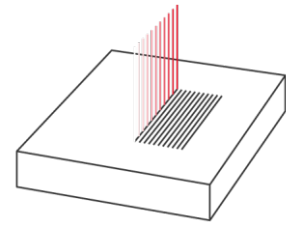
ABILITY



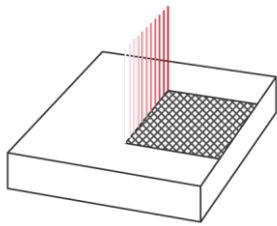
Metal Derusting



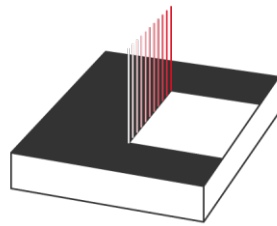
Oil Cleaning



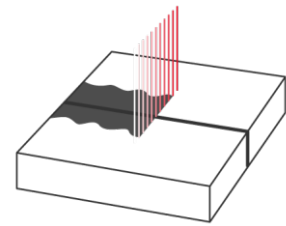
Local Quenching



Surface Roughening



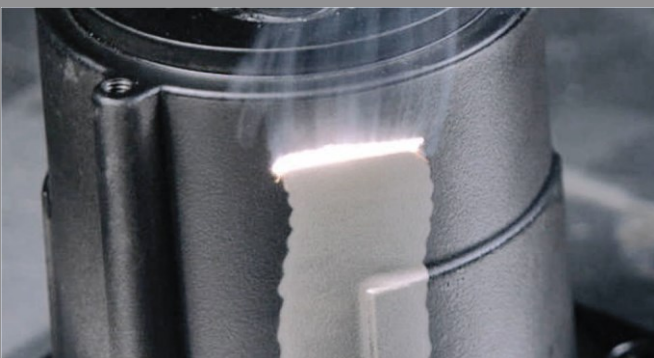
Coating Removal



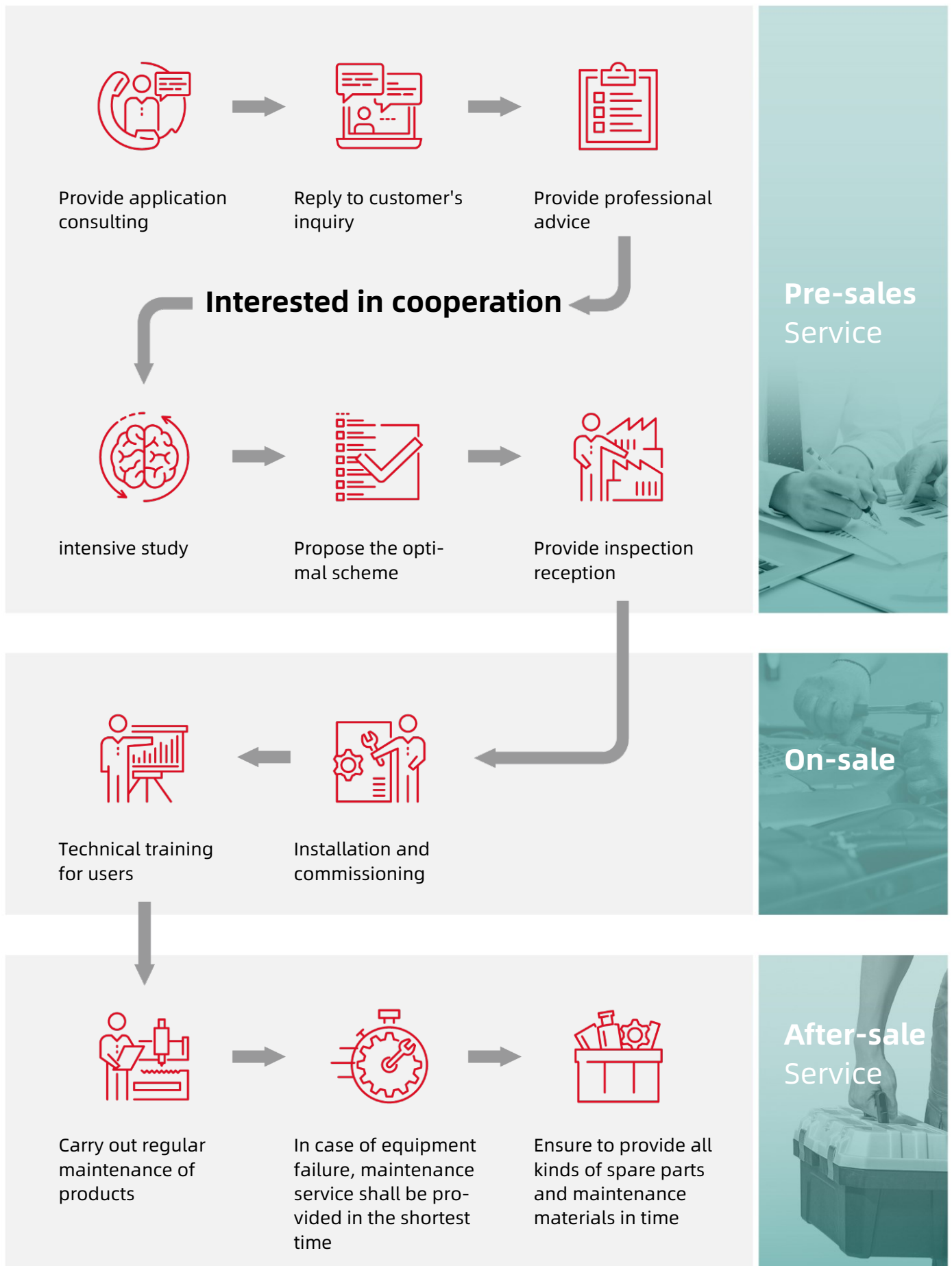
Weld Cleaning

Cleaning Samples

Applicable to cleaning metal derusting, oil, coating, welding seam, etc.



SERVICE PROCESS





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