

## BACKGROUND

Associated Technocrats Pvt Ltd (ATPL) was founded in **1991** with a mission to bring world class technological advanced machines to the Indian Manufacturing Industry. With the liberalisation of the Indian economy the promoters saw this as an opportunity to source and sell affordable and technology machines from Taiwan and China to the Indian Manufacturing Industry

## MISSION

To provide affordable, technologically advanced machines and support our customers with very good application engineering and after sales support.

## SERVICE FIRST IS OUR NATURE

Our team works for almost twelve working hours on each working day attending to customer issues and we in place SOPs for resolving customer issues. Our filed engineers work in factory environments across shifts and weekends as per customers convenience to keep the engineering and the machines live and effectively working

*Quick Set*

THREE & FIVE AXIS MACHINING  
CENTRES FOR DIE & MOLD



**PRODUCER**<sup>TM</sup>

DIE CASTING &  
INJECTION MOULDING MACHINE



**OSCARMAX**  
ELECTRICAL DISCHARGE MACHINE

ZNC & CNC EMDS  
& DRILL EDMS



**PRECICUT**

CONVENTIONAL MACHINES



*Precilaser*

LASER MARKING  
ENGRAVING, WELDING



## VISIT US

A-72, SECTOR-64,  
NOIDA-201305,U.P.,INDIA

Machine Demonstration Facility Accessible

+91-981-891-2000 | [www.atplonline.in](http://www.atplonline.in)  
[info@atplonline.com](mailto:info@atplonline.com)

**SALES**

+91-882-662-7461  
[sales@atplonline.in](mailto:sales@atplonline.in)

**OPEN 24/7**

**SUPPORT**

+91-981-006-0246  
[support@atplonline.in](mailto:support@atplonline.in)

# Precilaser

## HAND HELD LASER WELDING



## WELDING CAPACITY

Material	1KW	1.5KW	2KW
S/S	2.5mm	3.6mm	4.5mm
M/S	2mm	2.6mm	3.5mm
ALU	2mm	3mm	4mm
BRASS	0.2mm	1.5mm	2mm
Galvanized Sheet	2mm	2.6mm	3.5mm

## PARAMETERS OF EQUIPMENT

Modulation Frequency	1-5000Hz	
Power Stability	±2%	For example: 1000W power fluctuates between 980-1020, Raycus is 1.5%
Wave Length (nm)	1070-1090	
Optical Fiber Length(m)	10	The standard size is 10 meters. If it needs to be extended, please confirm the cost and delivery date with product manager or director.
Core Diameter (um)	50	30, 100 for special customization ( focusing diameter, the smaller the more precise )
BPP ( M2 )	1.5	Welding 1.5
Power Consumption (KW)	5	
Power Consumption (KW)	1.7	
Power Consumption (KW)	7	
Power Demand	220V	
Weight ( kg ) ± 20	200	Laser 50 + Chiller 60 + Other 90
Machine Size		95cm* 75cm* 103cm
Machine Packing Size		145cm* 90cm* 130cm

# Precilaser

## HAND HELD LASER WELDING

Three-in-one portable laser guns can remove rust, clean, cut, and fuse metal. They can also remove paint, glue, coatings, oil, and stains. Systems for handheld laser welding and cleaning are quick, simple to use, and yield reliable, high-quality results in a variety of materials and thicknesses. The ability to clean with lasers before and after welding enhances weld quality while boosting output.

## CONFIGURATION OF THE EQUIPMENT

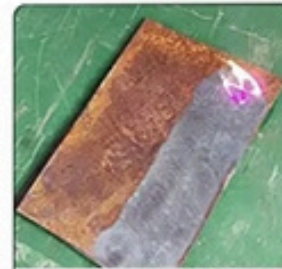
Parts	Spec	Brand	Qty	Remark
Laser Source	1500w	Raycus	1 set	
Chiller	1500w	Hanli	1 set	
System & Head	1 Type	Chaoqiang	1 set	Weld, Clean, Cut
Automatic Wire Feeder	0.8 - 1.6mm	Chaoqiang	1 set	
Protective Lens	20*2mm	Chaoqiang	1 set	
Nozzle	5 Types	Chaoqiang	5 set	
Welding Wire		Chaoqiang	1 set	



### Laser Welding Cleaning Cutting Machine 3 in 1



Welding



Cleaning



Cutting

