

# Laser Welded Plate Heat Exchanger Machine

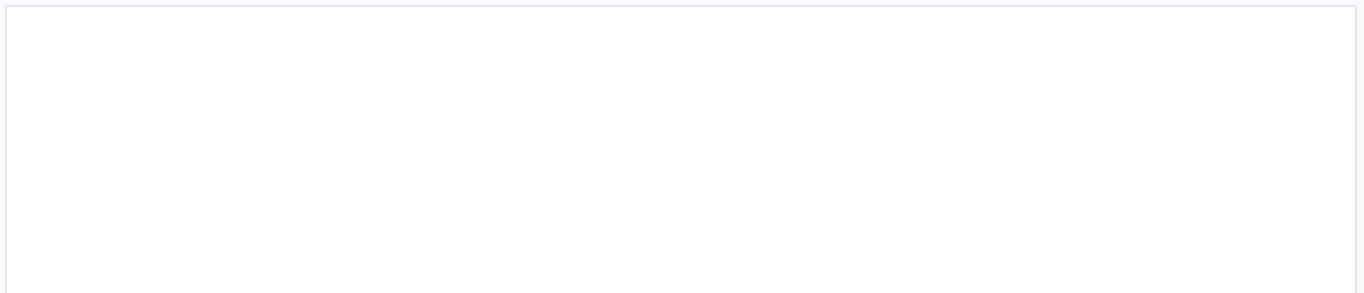
This laser welding machine is designed for manufacturing plate heat exchangers. It integrates a high-power laser, water-cooling unit, and numerical control system for precise and efficient welding.



## ADDITIONAL IMAGES



## Overview



High-efficiency laser-welded plate heat exchanger design.

### High-Precision Laser Welding System

The GS-HHR10015-3500 is an advanced laser welding machine engineered for the precise assembly of plate heat exchangers. It integrates a high-power laser, numerical control system, and multi-stage conveying platform to ensure stable, reliable, and durable operation. Designed with operator safety in mind, the system features centralized parameter control and strong anti-interference capabilities for demanding industrial environments.

## System Components

HAN\*SGS



Precision laser welding machine with integrated control cabinet.

### Core Components

- High-power Rofin-DC035 laser
- Water-cooling unit
- Welding host
- Numerical control system
- External light path system
- Two-end clamping mechanism
- Two-stage conveying platform
- Pressure feeding device
- Protective gas unit

## Technical Specifications

HAN\*SGS



Automated laser welding system designed for high-precision manufacturing.

Industrial-grade machine tool setup for precision welding tasks.

Laser Model	Rofin-DC035
Welding Machine Type	GS-HHR10015
Water Cooling Unit	LSJR-600BX
Optical Path	i60
Focusing System	F=250

## Air Compressor System

Compressor Type	Oil-free screw air compressor
Model	EAS-05JT / 8
Discharge Pressure	0.8 Mpa
Displacement	0.6 m <sup>3</sup> /min
Motor Power	4 KW
Reservoir Capacity	80 L
Gross Weight	200 KG
Dimensions	1050mm x 550mm x 1160mm