



# SHANGHAI RUIMIN

Machinery Manufacturing Co., Ltd.



**GEOCELL**



## Company Overview

**Our products stand the test of time, and RUIMIN is no exception.**

Since its establishment, Shanghai Ruimin Machinery Manufacturing has been committed to the technical research and development, manufacturing, OEM of geotechnical equipment and ultrasonic welding equipment, as well as the construction service of product line integration.

At the same time, we attach great importance to product quality and research and development. In response to the energy consumption, safety, efficiency, and environmental protection issues of existing products on the market, we have made a series of improvements to the products, making them have the advantages of low energy consumption, high efficiency, and more safety in these fields.

In addition, the company has fully implemented CNC processing equipment, programmed quality management, and integrated customized production, further ensuring product quality.



## Automatic Geocell Welding

The automatic geocell welding equipment composed of multiple ultrasonic plastic welding machines has the advantages of high production efficiency, good welding quality, stable and reliable performance.

### Welding machine parameter

Welding head station	18
Welding head number	36
Maximum output power	2.6-57.2KW $\pm$ 5%
Single head ultrasonic output power	2600W
Equipment dimensions (m)	9.6*2.2*2.5m
Equipment weight	7.25T
Rated input voltage	AC380V $\pm$ 5% 50-60HZ $\pm$ 1HZ
Rated input pressure	0.8~1.0MPa
Air pressure vessel	$\geq$ 0.6~1.0m <sup>3</sup>
Width welding spacing	50mm-200mm
Length welding spacing	1000mm-7000mm
Effective adjustment of welding spacing	320-600mm
Weldable material	PP、PE、PVC



## APPLICATIONS

- Base stabilization
- Slope reinforcement
- Channel protection
- Retaining walls



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## Company

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