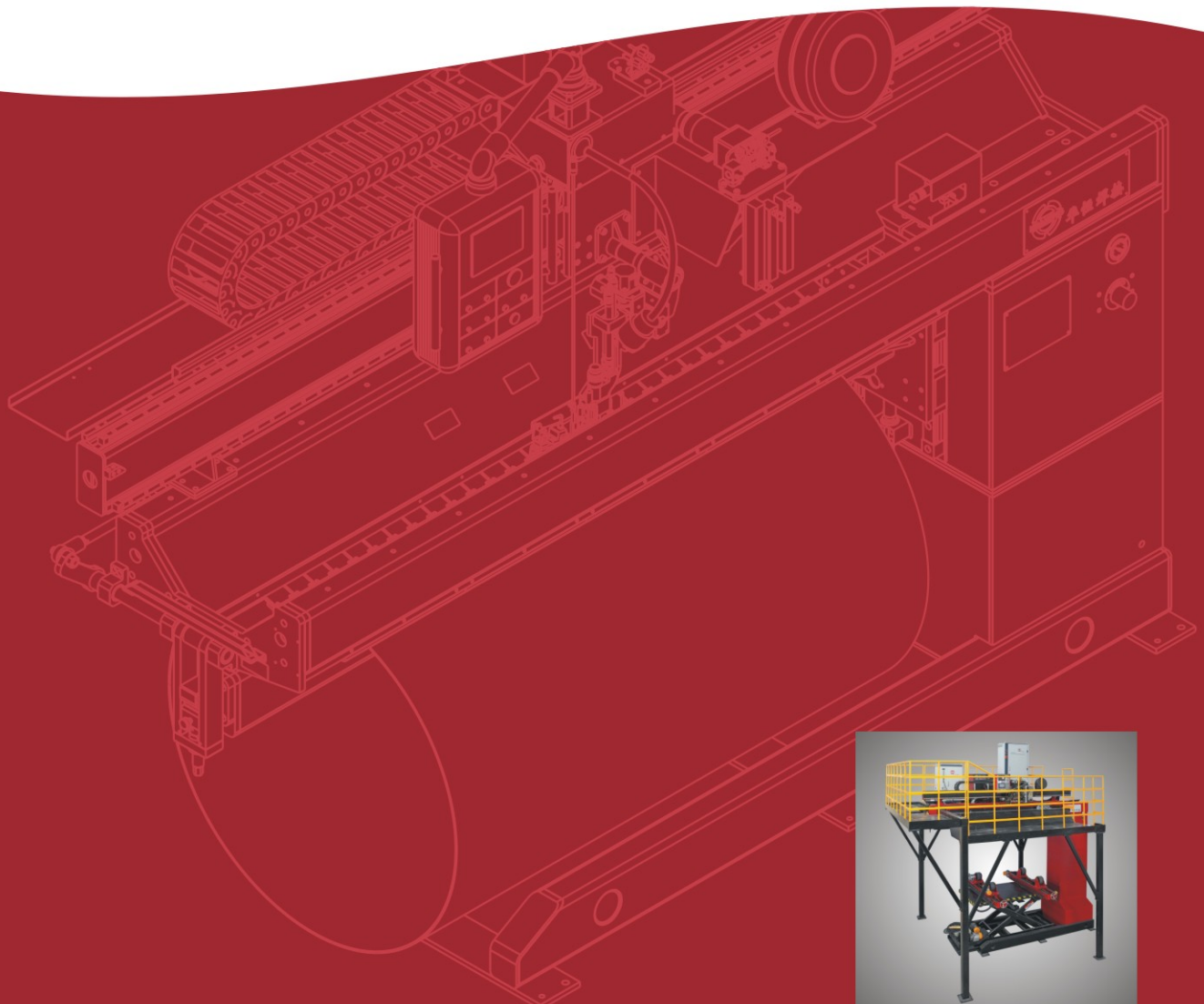


HUAHENG



AUTOMATION
Welding System

HUAHENG WELDING CO., LTD.

Column & Boom Welding Series System

Brief Introduction

Column and Boom is one of the main equipments for welding boiler, pressure vessel, pipeline and structural metal; it is composed to automatic welding system with roller, positioner, and rotation mechanism, that used for welding pressure vessel, spherical head welding, inside cladding for barrel and shell cover. It could use TIG, PAW, TIG, MIG/MAG, SAW welding process.

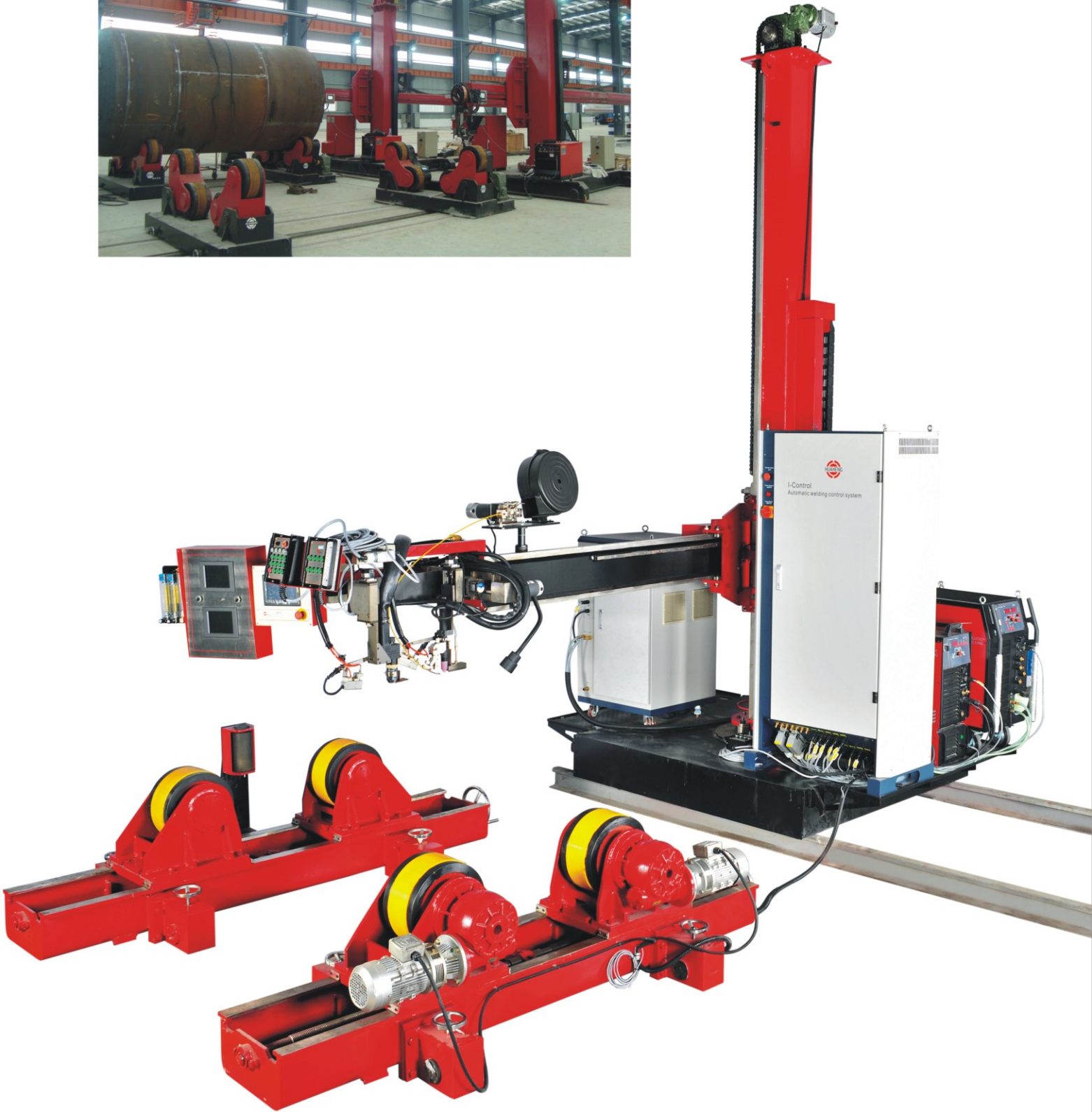
Features

- Modular design, easy to customize the circumferential seam welding according to customer' requirements
- Suitable for circumferential seam edge joint welding and angular joint welding structure etc
- Suitable for TIG, MIG/MAG, PAW and SAW welding process
- Suitable for various materials, such as carbon steel, stainless steel, titanium alloy and aluminum alloy etc
- According to work piece size, optional to choose standard or customized mechanism

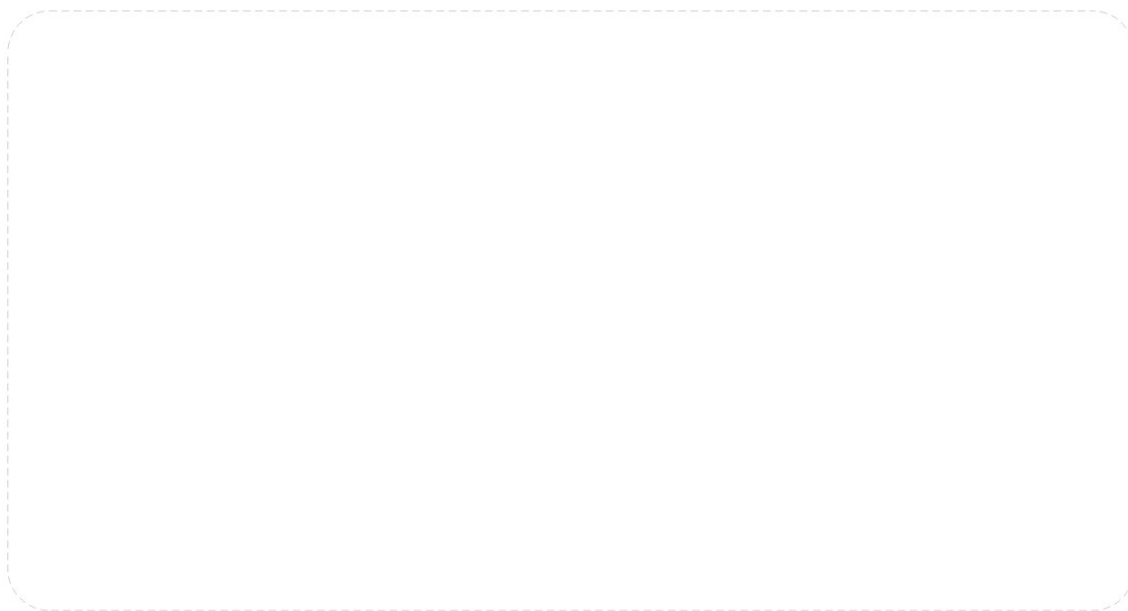


Technical Specification

Model	HCJ2000	HCJ3000	HCJ4000	HCJ5000
Beam vertical traverse (mm)	2000	3000	4000	5000
Beam horizontal traverse (mm)	2000	3000	4000	5000
Beam vertical speed (mm/min)	850	850	840	840
Beam horizontal speed (mm/min)	110~1100	110~1100	120~1200	120~1200
Column rotation (°)	Motor-driven	+/-180	+/-180	+/-180
	Manual	+/-180	+/-180	+/-180
Dimension (LxWxH) (mm)	2000 × 3400 × 4200	2000 × 4400 × 5100	2300 × 5500 × 6500	2300 × 6500 × 7500
Welding trolley speed (mm/min)	4000	4000	2100	2100



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