


Product Search User Guide

Overview

The OBARA Welding Gun Selection Database product search function helps users quickly find welding gun products that meet their requirements. This guide will detail how to effectively use the search function.


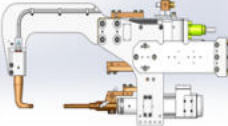
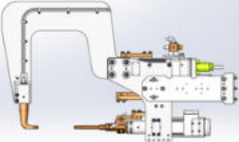

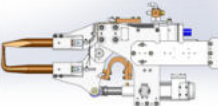
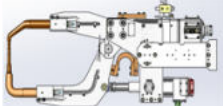
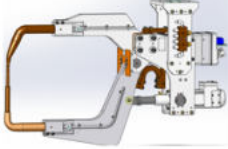
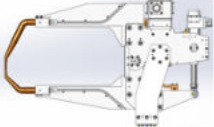
Product Category Selection Instructions


X2C-C/X2C-X



X2C 理念:基本结构

- 共用标准枪体分为两大类型











	小型 ~150	中型 150~300	大型 300~450	特殊 450~
C型				
X型				
	~150 小型	150~350 中型	350~450 大型	450~ 特殊



X2C 理念:重量范围

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● 焊钳重量vs机器人负载量

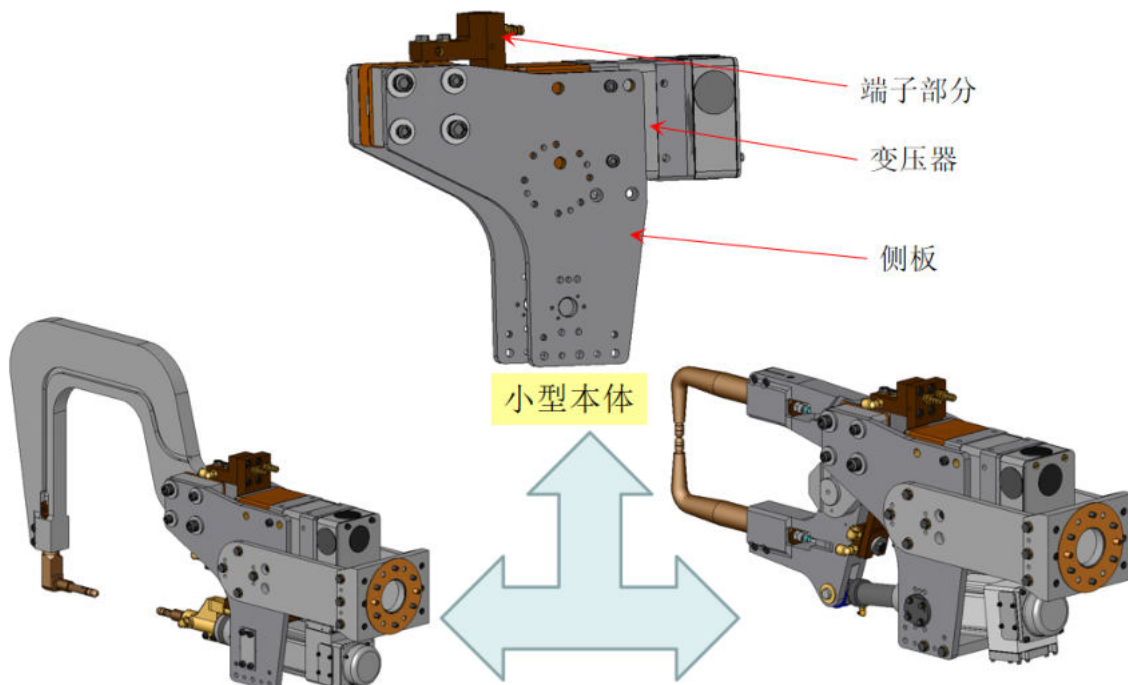
X2C型焊钳的重量范围						
	~60kg	70kg	80kg	90kg	100kg	~160kg
小型 (~150)						
中型 (~350)						
大型 (~450)						

理想负载量

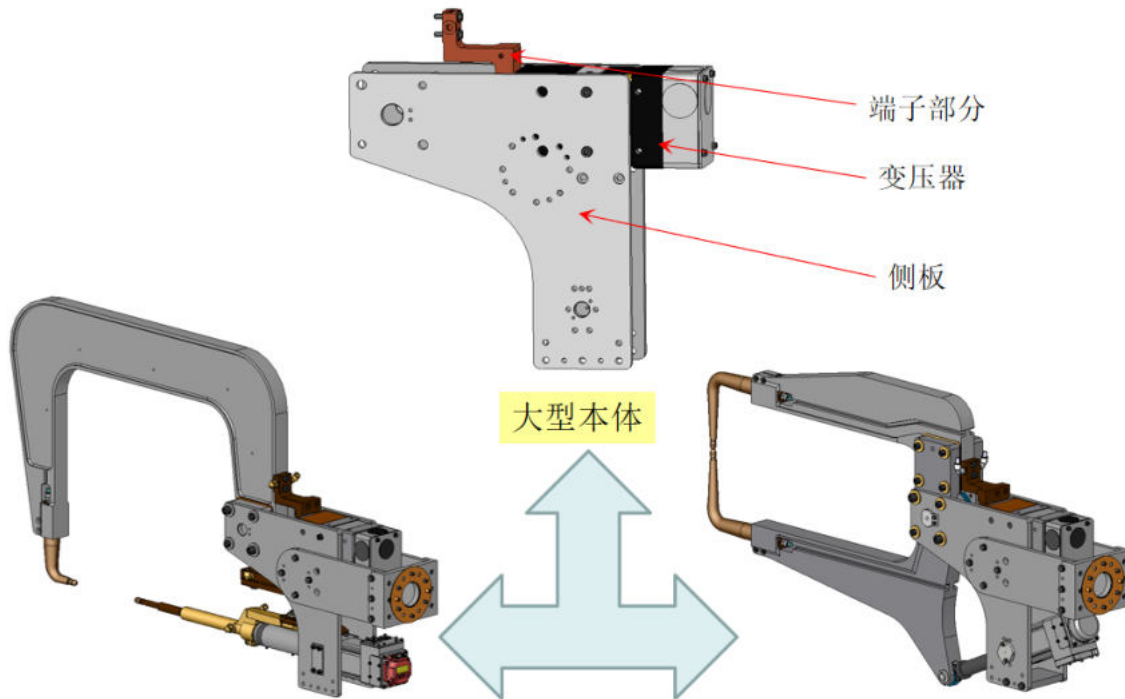
X2C-V2-C/X2C-V2-X

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V2中小型C和X型焊钳标准化本体

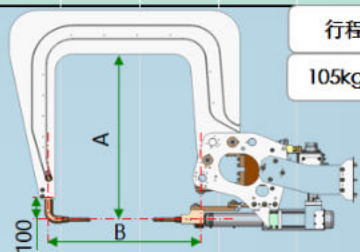
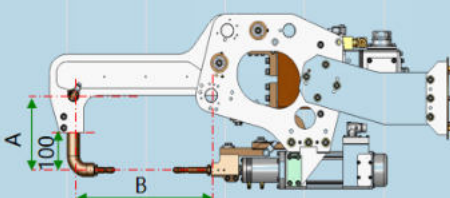
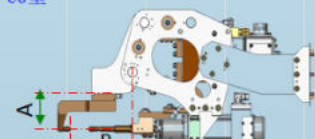


V2大型C和X型焊钳标准化本体



X2C-V3-C

C型焊钳分类 (喉部尺寸)

焊钳加压力(N)	A\B	200	250	300	350	400	450	500	550	600	650	700
6000	800					CB型		行程≤285				
6000	750							105kg~130kg				
6000	700											
6000	650											
6000	600											
6000	550											
6000	500											
6000	450	CM型		行程≤185								
6000	400			75kg~105kg								
6000	350											
6000	300											
6000	250											
6000	200											
6000	150											
6000	125	CG型		行程≤105								
6000	100			75kg~80kg								

X型焊钳分类 (喉部尺寸)

焊钳 加压力(N)	A\B	100	110	140	180	200	210	240	300	350	400	450	500	600	700
5500	900	XB型													105kg~135kg
5800	850														
6000	800														
6000	750														
6000	700	XM型													100kg~125kg
6000	650														
6000	600														
6000	550														
6000	500														
6000	450	XS型													75kg~105kg
6000	400														
6000	350														

Search Field Descriptions

Required Fields

Product Category ★ Required

- Select the main category type of welding gun.
- Different categories correspond to different technical parameters.
- A category must be selected before searching.

Main Search Fields

Subcategory Type

- After selecting the main category, the system will automatically load corresponding subcategory options.
- Can further refine the search range.

Throat Depth

- Input format: numerical value or range.
- Examples: 50 (equal to 50), ~50 (less than or equal to 50), 100~120 (between 100 and 120), 1020~ (greater than or equal to 1020).

Throat Width

- Input format is the same as Throat Depth.
- Represents the width dimension of the welding gun opening.

Transformer

- Select the matching transformer model for the welding gun.
- Common models: ITS85, DB6-100R1, RT552, RT752, etc.

MOTOR Manufacturer

- Select the manufacturer of the servo motor.
- Common manufacturers: FANUC, KUKA, YASKAWA, ABB, etc.

Advanced Search Options

Click "Advanced Search Options" to expand more search fields:

Basic Parameters

- **Drawing No. 1(o):** Product drawing number.
- **Description:** Product description keywords.
- **Stroke:** Working stroke of the welding gun.
- **Pressurization Force:** Pressurization capability of the welding gun.
- **Weight:** Product weight.

Technical Parameters

- **Electrode Arm End:** Type of electrode arm end.
- **With/Without Balance:** Whether equipped with a balancing device.
- **Transformer Placement Direction:** Installation direction of the transformer.
- **Flange P.C.D:** Pitch circle diameter of the flange.
- **Bracket Direction:** Installation direction of the bracket.
- **Water Circuit:** Configuration of the cooling water circuit.

Search Tips

1. Range Search

For numerical fields (Throat Depth, Throat Width, Stroke, etc.), the following formats are supported:

- **50** : Exact match for 50.
- **~50** : Less than or equal to 50.
- **50~** : Greater than or equal to 50.
- **50~100** : Between 50 and 100.

2. Combined Search

- Multiple search conditions can be used simultaneously.
- The system will find products that meet all conditions.
- It is recommended to start with main parameters and gradually add secondary conditions.

3. Search Strategy

1. **Broad Search:** Start with main parameters.
2. **Gradual Refinement:** Adjust search conditions based on the number of results.
3. **Key Parameters:** Focus on key parameters such as Throat Depth, Throat Width, and Transformer.

Search Results

Result Display

- Search results are displayed in a table format.
- Shows the main technical parameters of the product.
- Provides product preview images and detail links.

Result Operations

- **View Details:** Click on a product to view complete technical parameters.
- **Download Files:** Download technical files such as DWG, STEP, BMP, etc.
- **Batch Download:** Supports selecting multiple products for batch download.

Frequently Asked Questions

Q: Why are there no search results?

A: Please check if the search conditions are too strict. Try to relax some conditions or use range search.

Q: How to search for a specific product model?

A: Enter the product model in the "Drawing No. 1(o)" field, or keywords in the "Description" field.

Q: How to input numerical ranges?

A: Use the tilde (~) to indicate a range, e.g., "100~200" for between 100 and 200.

Q: What if the search speed is slow?

A: It is recommended to select the product category first, and then add other search conditions to improve search efficiency.

Technical Support

If you encounter search problems or need technical support, please contact:

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Last updated: July 2025