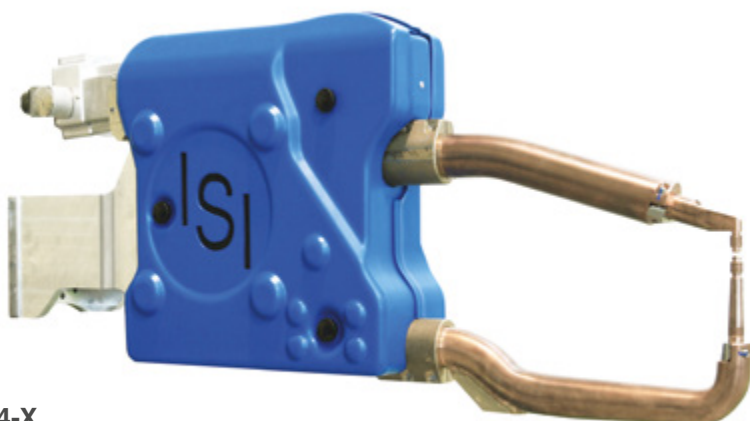




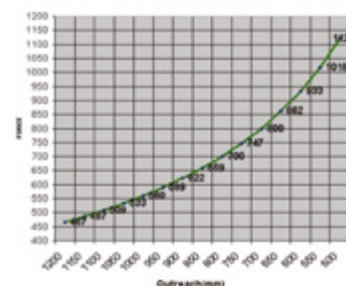
V4-C
Robot Welding Gun

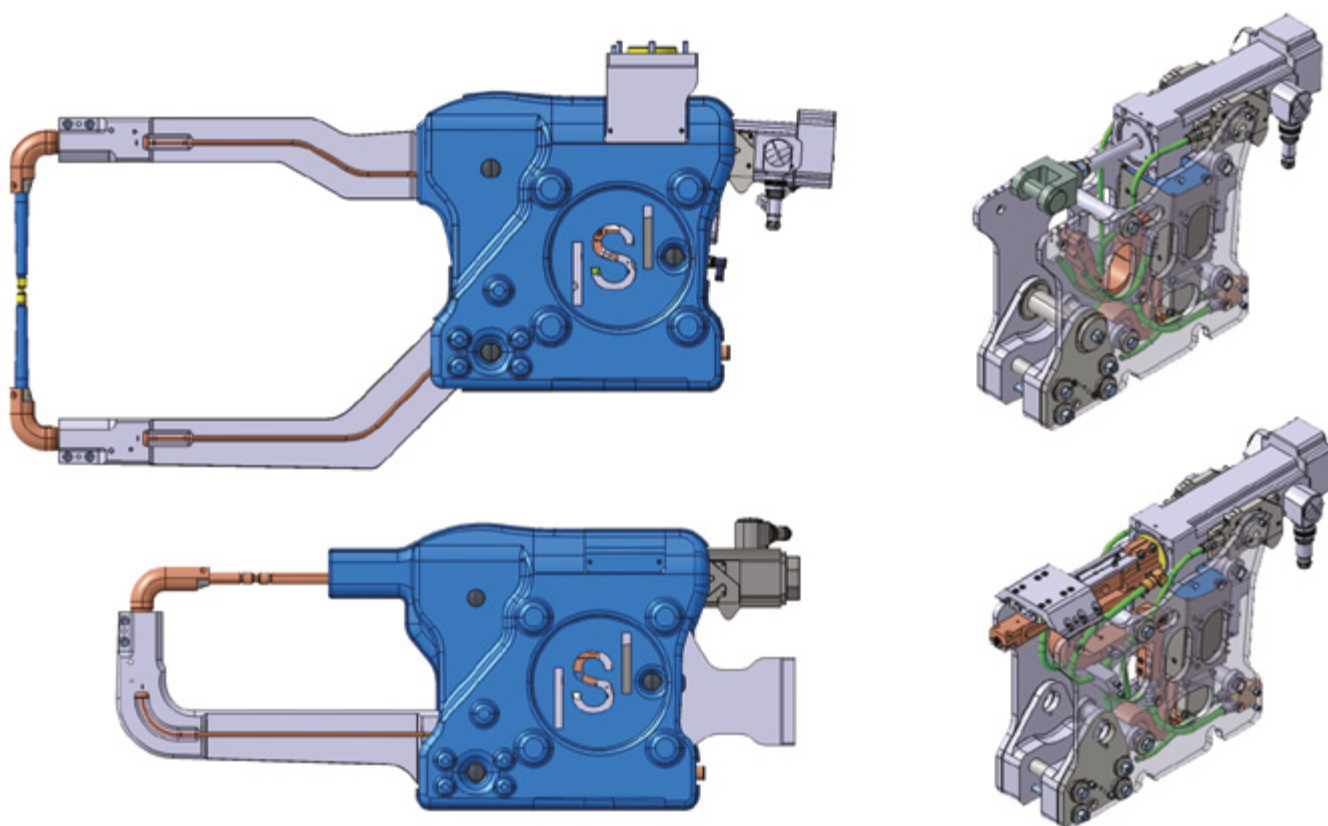


V4-X
Robot Welding Gun

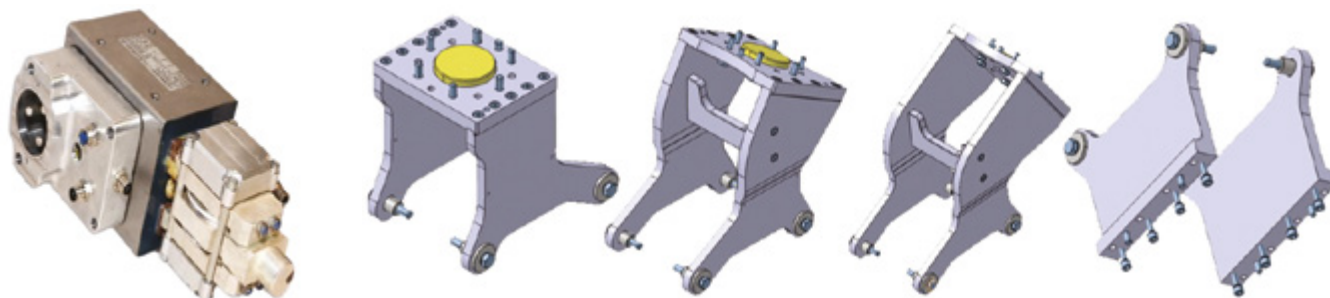
CHARACTERISTICS:

- **Lightweight:**
Weight about 80Kg by 800mm stick out.
Optimized for robot payload 100Kg.
Low inertia.
- **Standardization:**
Standardized Gun Body, Bracket, Transformer and Actuator as main parts of Welding Gun.
- **Modularity:**
Library of more than 20 different standard bracket.
Transformer with 2 or 4 diodes.
Copper round arms, Aluminum arms, or mixed arms.
Actuator for common robots.
- **Reliability:**
Simple maintenance.
Very easy and short change time of components with a reduced number of tools.
Strategy "no spare guns".





Only one Gun Body for both C and X Guns



MF Transformer

Brackets for various applications

MF TRANSFORMER FOR X GUN (example):

Standard:	ISO 5826-22829
Insulation Class:	F
Weight:	14.3 kg
Rated Supply Voltage U_{1N}:	500 V
Frequency F:	1000 Hz
Rated Output No-Load U_{2d}:	6.3 V

Turns Ratio:	72:1
Input Power 20% Duty Fact. $S_{20\%}$:	96 kVA
Perman. Power S_p:	43 kVA
Secondary Perman. Current I_{2p}:	6.2 kA
Cooling Water:	6 l/min.
Differential Pressure:	0.1 Mpa