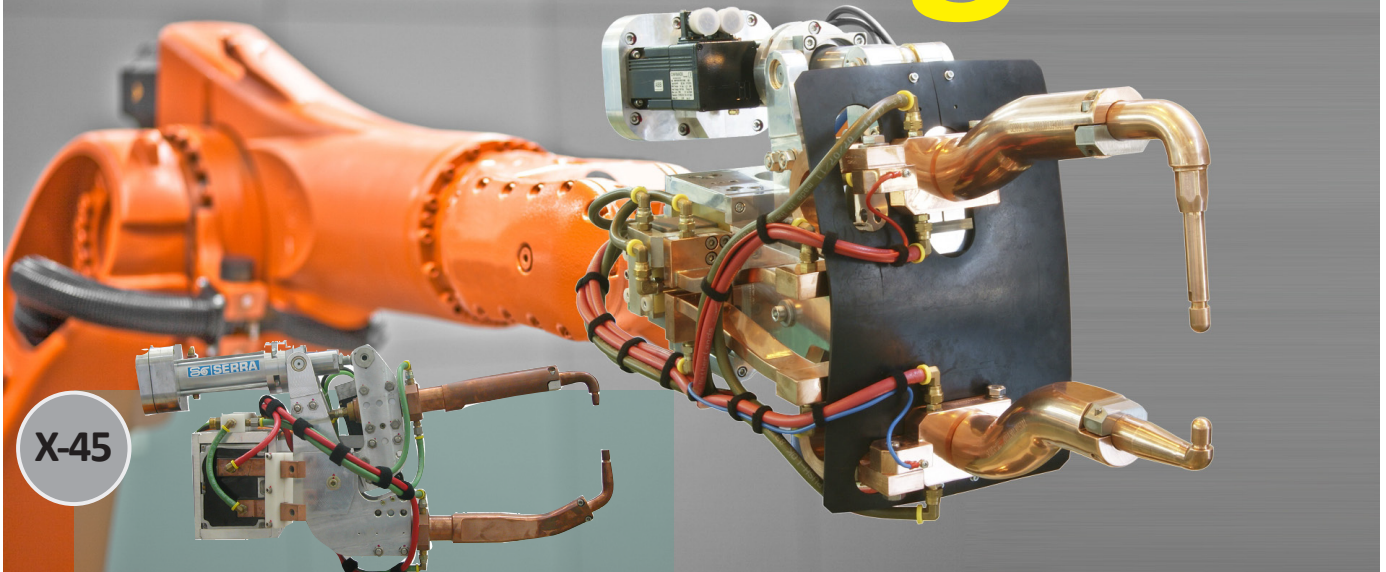
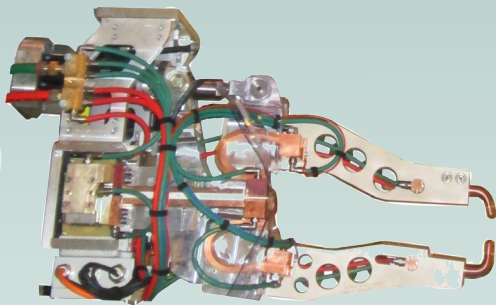
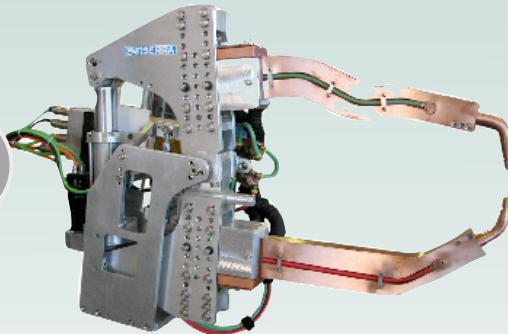
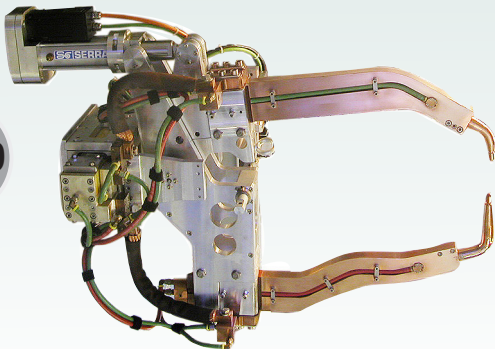


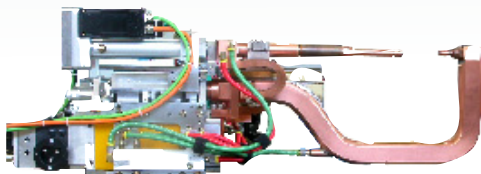
# robot guns



X-45

X-45  
GFX-100  
Kombi

X-120



C-50

- Powers from 54 to 103 kVA
- "C" or "X" shape
- AC / Medium Frequency
- Operation options:
  - Pneumatic
  - Double servoelectric drive
  - Servoelectric drive controlled by the 7<sup>th</sup> robot axe.
- Dedicated designs
- Optional Field Buses:
  - ProfiNet
  - Profibus DP
  - DeviceNet
  - Ethernet IP
  - InterBus FO



# robot guns

## Lean Production



## Optionals:

- 2D/3D dedicated design
- Pneumatic compensation (7° eje)
- Supports 0° - 35° - 90°
- Quick Changing
- Flow Meter
- Pressure Switch
- Field buses (except 7th axe)
- Kevlar cover

Type		X45	X45GF	X100 Kombi	X120	C50	
<b>Transformers AC</b>	kVA/tipo	54 kVA - J • 76 kVA - J • 73 kVA - K • 92 kVA - K					
<b>Transformers MF</b>	kVA/tipo	75 kVA - J • 100 kVA - J • 78 kVA - K • 112 kVA - K					
General data	Arm diameter	mm	50	40x100	40x100	40x120	50
	Gun body maximum force	daN	500	650	500	750	570
	Distance between arms (min / max )	mm	200 to 230	232,5	249 to 524	200 to 750	75 to 300
	Maximum arm length	mm	450	650	750	1200	320
	Cooling flow. Parallel circuit.	l/min	9				
	Water inlet temperature min./ max.	°C	10 / 30				
	Minimum differential pressure in gun	bar	1,5				
Pneumatics	Gun weight (min-max)	Kg	90 - 120	88 - 96	116 - 143	135 - 160	60 - 90
	Cylinder Ø	mm	100 / 125	100 / 125	100 / 125	125/140/160	70 / 90
	Cylinder aproximation run	mm	60	60	100	60	50 / 100
	Gun rotation angle in aproximation	°	15°	15°	18°	11,5°	--
	Cylinder working stroke	mm	30	30	30	30	46
	Total gun working rotation angle	°	8°	8°	6°	5,8	--
	Maximum air pressure	bar	10				
Electrics	Cylinder force at 10 bar	daN	785 / 1227	785 / 1227	785 / 1227	1227/1539/2010	345 / 570
	Maximum force on main motor	daN	1500	1500	1500	2000	750
	Main motor stroke	mm	90	90	140	90	145
	Main motor weight	Kg	13,3	13,3	15	20	10
	Compensation motor maximum force	daN	213	213	213	213	213
	Compensation motor stroke	mm	26				
	Compensation motor weight	Kg	3,9				
Weld Controller / Control Cabinet		-	AC: Serratron 100 / AS-4 --- MF : MFC 3007 / AS-6				



SERRA SOLDADURA, S.A.

[www.serrasold.com](http://www.serrasold.com)

**GESTIÓN DE CALIDAD**  
 Empresa certificada  
 Se efectúan controles periódicos voluntarios según ISO 9001:2000



**ENVIRONMENTAL MANAGEMENT**  
 Certificate

Voluntary participation in regular monitoring according to ISO 14001



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