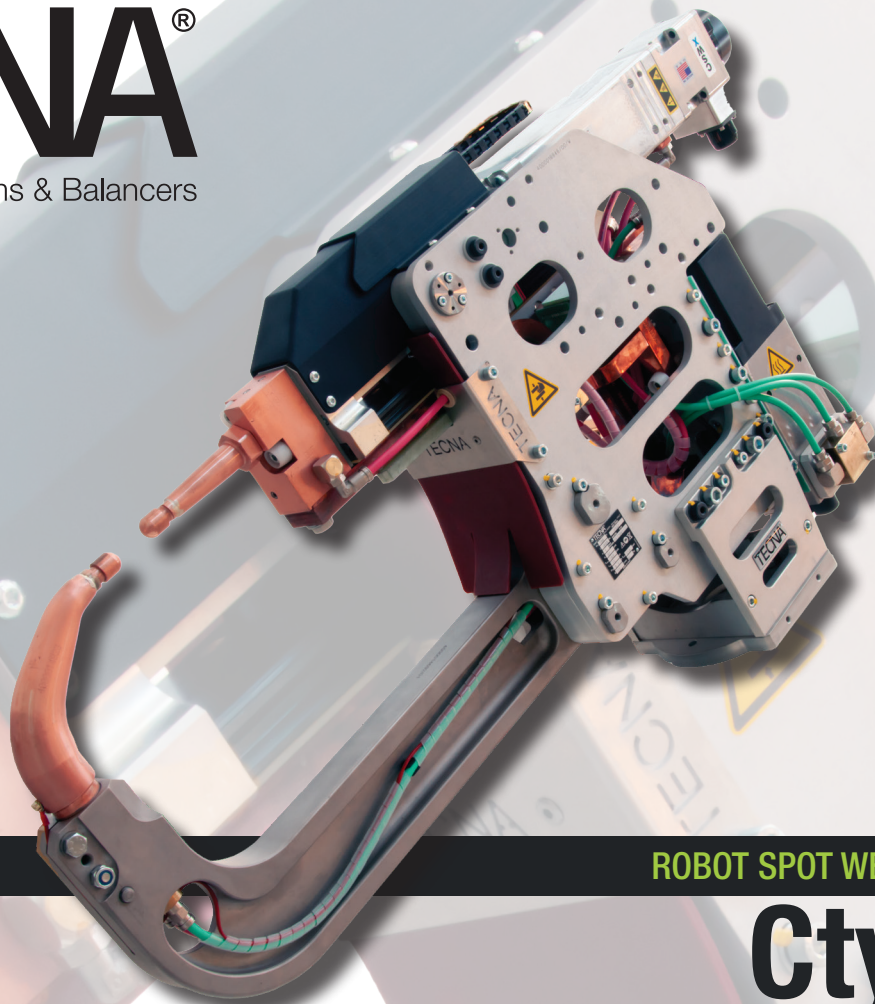


TECNA[®]

Resistance Welding Systems & Balancers



**MFDC
TECH**



ROBOT SPOT WELDING GUN

2947

Ctype

INVERTED ROLLER SCREW ACTUATORS THIRD PART MOTOR

electrical data			
Type	*MFDC 52 kVA	*MFDC 82 kVA Light	*MFDC 90 kVA Heavy
Nominal power at 50%, kVA	52	82	90
No load secondary voltage, V	6.1	9.1	9.1
Thermal current, kA	5.5	6	6.61
Short circuit current, kA	20	30	30

* Transformers available with 500 V / 1000 Hz or alternatively 600 V / 1000 Hz power supply.

general data							
Actuator sizes		Exlar GTW80	Tolomatic CSWL3	Exlar GTW80	Tolomatic CSWL3	Exlar GTW80	Tolomatic CSWL3
Welding force, daN	Arm length	4,5 Nm	6 Nm	4,5 Nm	6 Nm	4,5 Nm	6 Nm
	100 mm	500	650	500	650	500	650
	150 mm	500	650	500	650	500	650
**Gun mass, kg (Arm length 300 mm)		71	71	73	73	75	75
Gun water cooling , l/min		11	11	11	11	11	11

motor	
Servomotor speed, rpm	3000

transformer			
Type	*MFDC 52 kVA	*MFDC 82 kVA Light	*MFDC 90 kVA Heavy
weight, kg	14,5	16,8	18
water cooling, l/min	4	4	4

** The weight of the guns is with 100 mm arms, with arm fitting, with power transformer and servomotor 6Kg.

self-aligning rod
couplers

load cell

CE

configuration with transformer in a
vertical position

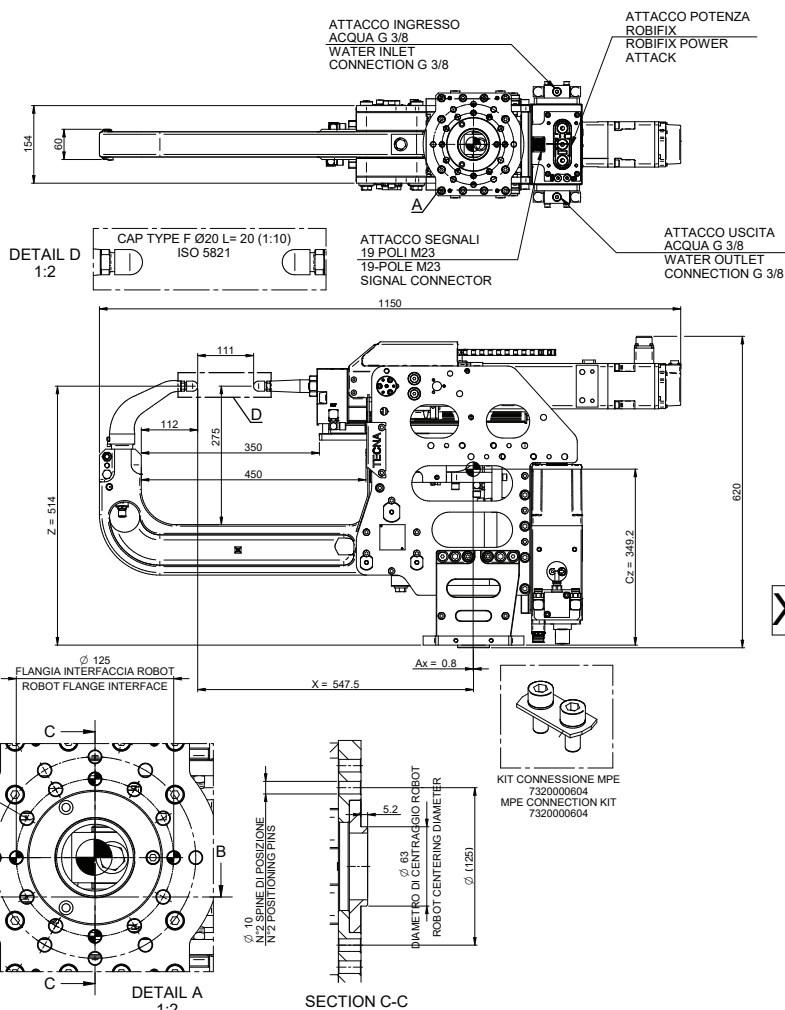
ENERGY SAVING



Sensum
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new sliding carriage



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