



WELD THE WORLD

# Cruiser 322T 402T 502T

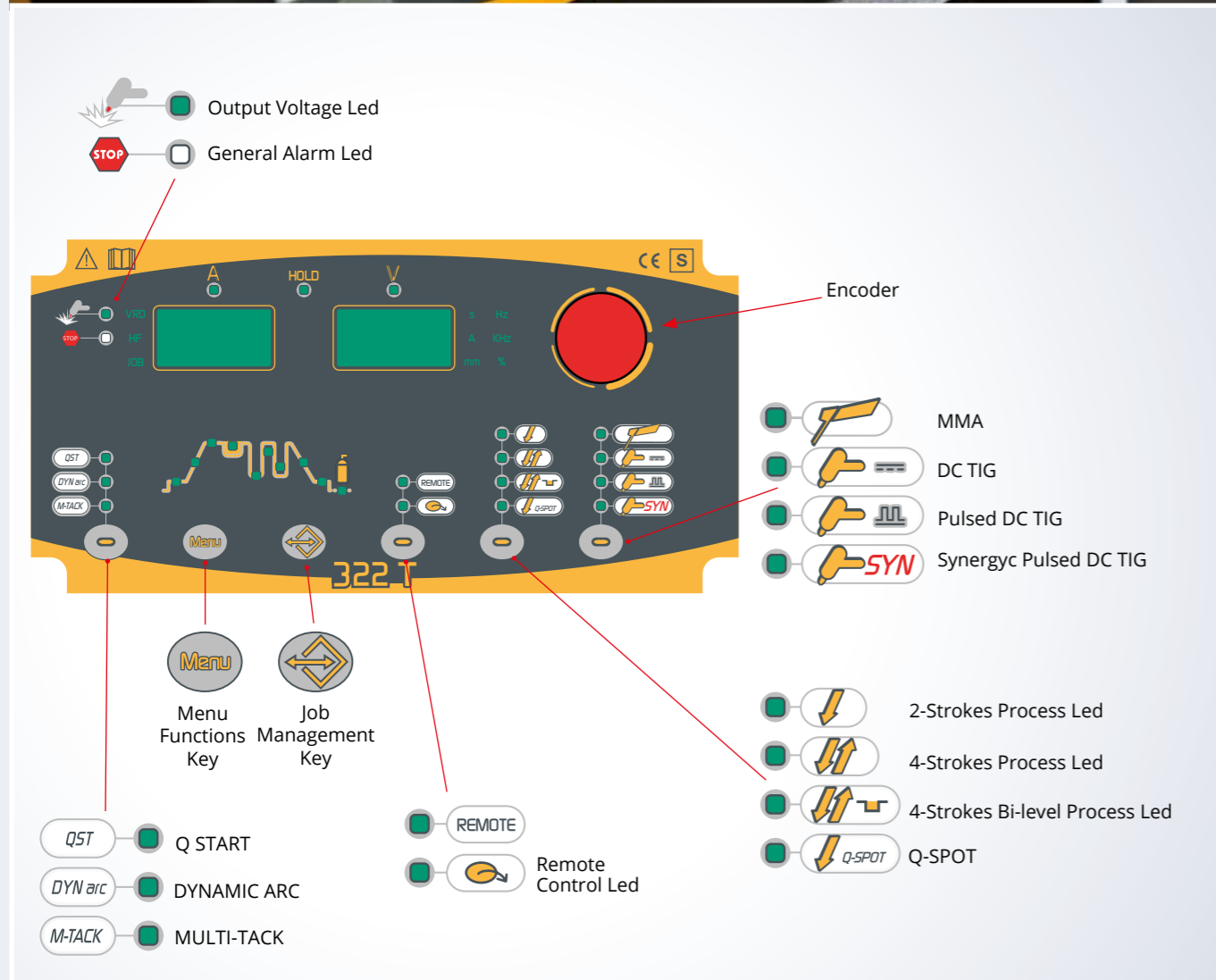


# Cruiser 322T

TIG DC HF - MMA

# Cruiser 322T

Technical Data



**The Cruiser 322T** is a highly sophisticated but simple to operate, Three Phases Inverter TIG DC welding machine. In TIG DC mode the Cruiser 322T inverter generator is ideal for welding ordinary steels, stainless steel and copper. **The Cruiser 322T** has been designed particularly for extremely precise constructions, in petrochemical plants, food industry and other activities which require very high welding performance.

- 50 programs can be loaded and saved in memory
- Remote controls are available: for torch (UP&DOWN, potentiometer), foot pedal or remote control unit
- Cooler unit is also available

Cruiser 322T						
	3x400Vac ± 15% @ 50-60Hz					
	25A@					
	TIG - WIG			MMA		
% <sub>0 40°C</sub>	-	60%	100%	-	60%	100%
$I_2$	-	320A	260A	-	300A	250A
$I_2$	5A - 320A			10A - 300A		
$U_0$	11/74V			11/74V		
$P_{MAX}$	14,3VA - 11,0kW					
IP	23					
	690 x 290 x 450mm					
	45,0Kg					

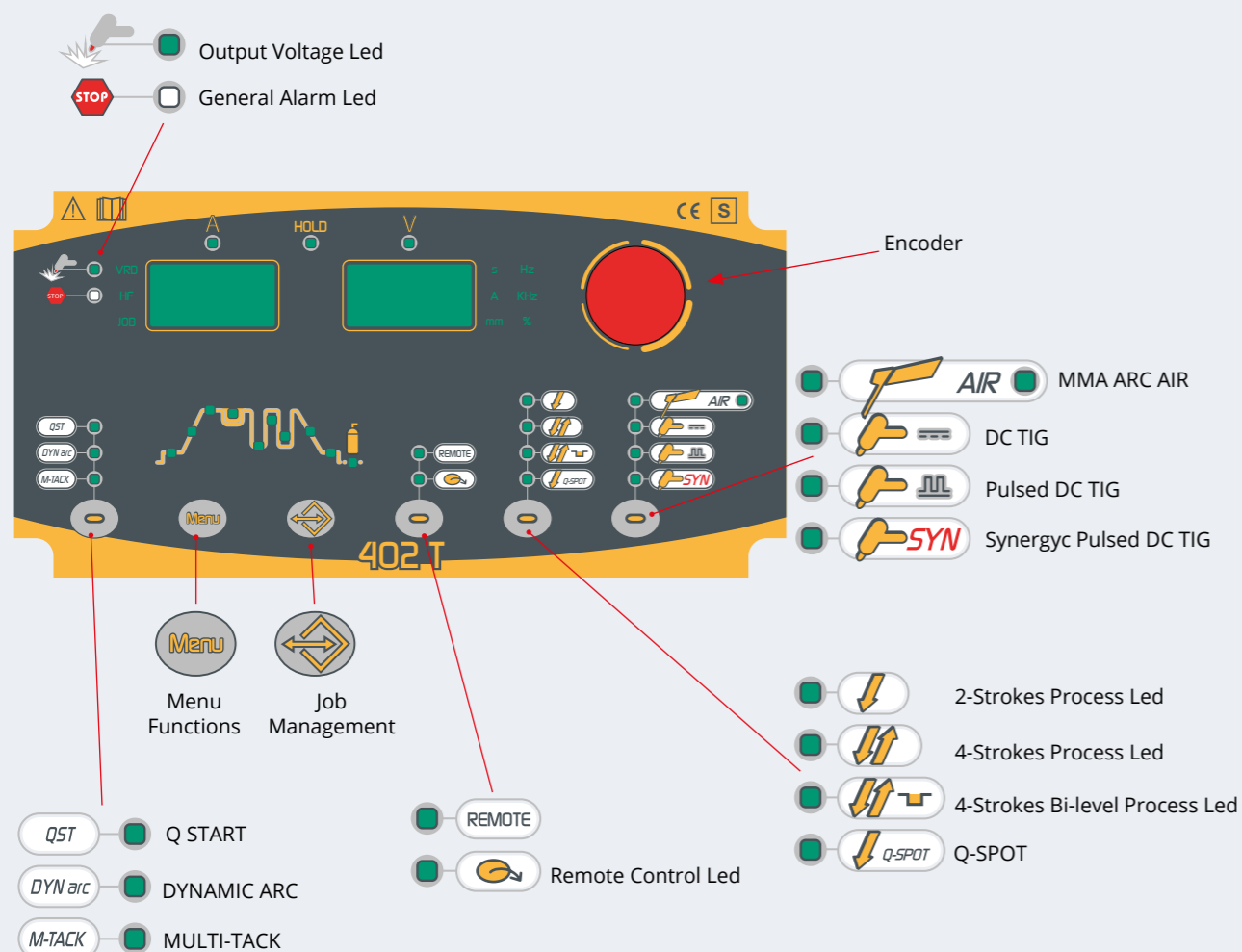
TECHNOLOGY	PROCESSES	
SPECIAL FUNCTIONS		
MATERIALS		
Mild steel	Stainless steel	Copper
INDUSTRY		
Maintenance	Industry	Shipyard
		Pipe welding

# Cruiser 402T - 502T

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	Cruiser 402T		Cruiser 502T					
	3x400Vac ± 15% @ 50-60Hz		3x400Vac ± 15% @ 50-60Hz					
	32A@		40A@					
	TIG - WIG	MMA	TIG - WIG			MMA		
$\%_{0.40^{\circ}\text{C}}$	100%	100%	50%	60%	100%	50%	60%	100%
$-I_2$	400A	400A	500A	460A	400A	500A	450A	400A
$I_2$	5A - 400A	10A - 400A	5A - 500A			10A - 500A		
$U_0$	9/81V		9/81V					
$P_{\text{MAX}}$	18,4kVA - 16,8kW		25,5kVA - 23,4kW					
IP	23		23					
	690 x 290 x 450mm		690 x 290 x 450mm					
	55,2Kg		55,2Kg					



# Cruiser 322T - 402T - 502T

## Special Functions



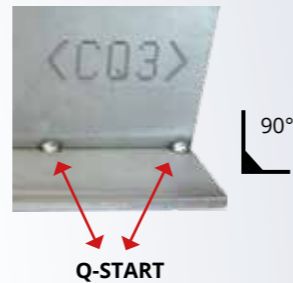
The pulse TIG with frequency up to 2500Hz allows the operator to weld very thin materials with easy arc control and very low heat input on workpiece.



Pre-set balanced parameters, stored in the Synergic Pulse TIG DC SYN curve, help to simplify Pulsed welding process. The Pulse is altered automatically when the welding current is adjusted.



The **Q-START** (Quick start) function facilitates the joining of the parts in the initial stage of the welding process. On activating this function the machine automatically switches to Synergic pulsed mode for a preset time.



The **DYNAMIC ARC** function makes it possible to keep the pre-set Voltage x Current constant. The power source increases the welding current as the arc voltage decreases and reduces the welding current if the arc voltage increases.



Dynamic Arc TIG welding



Standard TIG welding



The **Q-SPOT** (Quick Spot) function makes it possible to minimise tacking times for light gauge sheet metal.

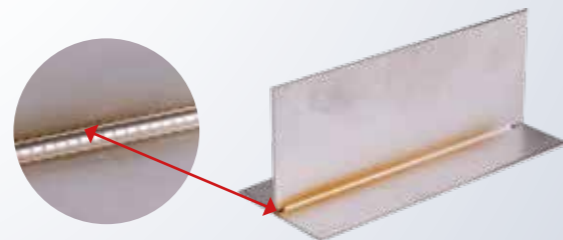
Pipe butt weld  
Ø 31.75 x 2 mm



Corner spot welding  
thickness 0,6 mm



The **MULTITACK** system makes it possible to reduce heat output while joining two light gauge parts.



# Cruiser 322T - 402T - 502T

## Plus and Accessories



### PLUS



**STRUCTURAL STRENGTH**

The structural strength of the Cruiser 322T - 402T - 502T is very robust in any working environment.



**ROBUST WHEELS**

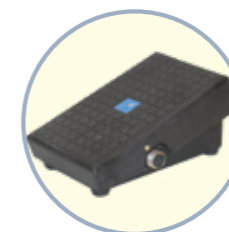
The robust wheels of the Cruiser 322T - 402T - 502T allows smooth movement of the power source.



**EASY CARRIAGE**

The Cruiser 322T - 402T - 502T can be easily moved around any workplace thanks to our robust trolley.

### ACCESSORIES



**FOOT PEDAL**



**SOFTWARE UPGRADE OF THE WHOLE MACHINE**



**UP & DOWN TORCH**



**REMOTE CONTROL**

**A solid industrial activity, where the production is based on substantial investments for the supporting of research, projection and continuous testing.**

Since 1997 Weco has been producing and selling welding machines

Both registered office and production plant are based on the north east of Italy. Our offices, technical/project department, production and warehouse are able to serve both our national and international sales net. A wide range of welding machines together with a huge stock, allow us to encounter and fully satisfy our customers' requests in short time.

A dynamic management supported by solid experience on the main sales' arguments and a deep knowledge on the application issues, allow this company to be ahead in the welding sector.

WECO means better solution for improving the production, optimizing the intervention time, minimizing the processes' costs, with the highest perform-standards granted.



**WELD THE WORLD**

WECO srl  
Corso Noblesville n.8,  
35013, Cittadella, (Padova) Italy  
+39 049 7301120  
[www.weco.it](http://www.weco.it)

Dealer