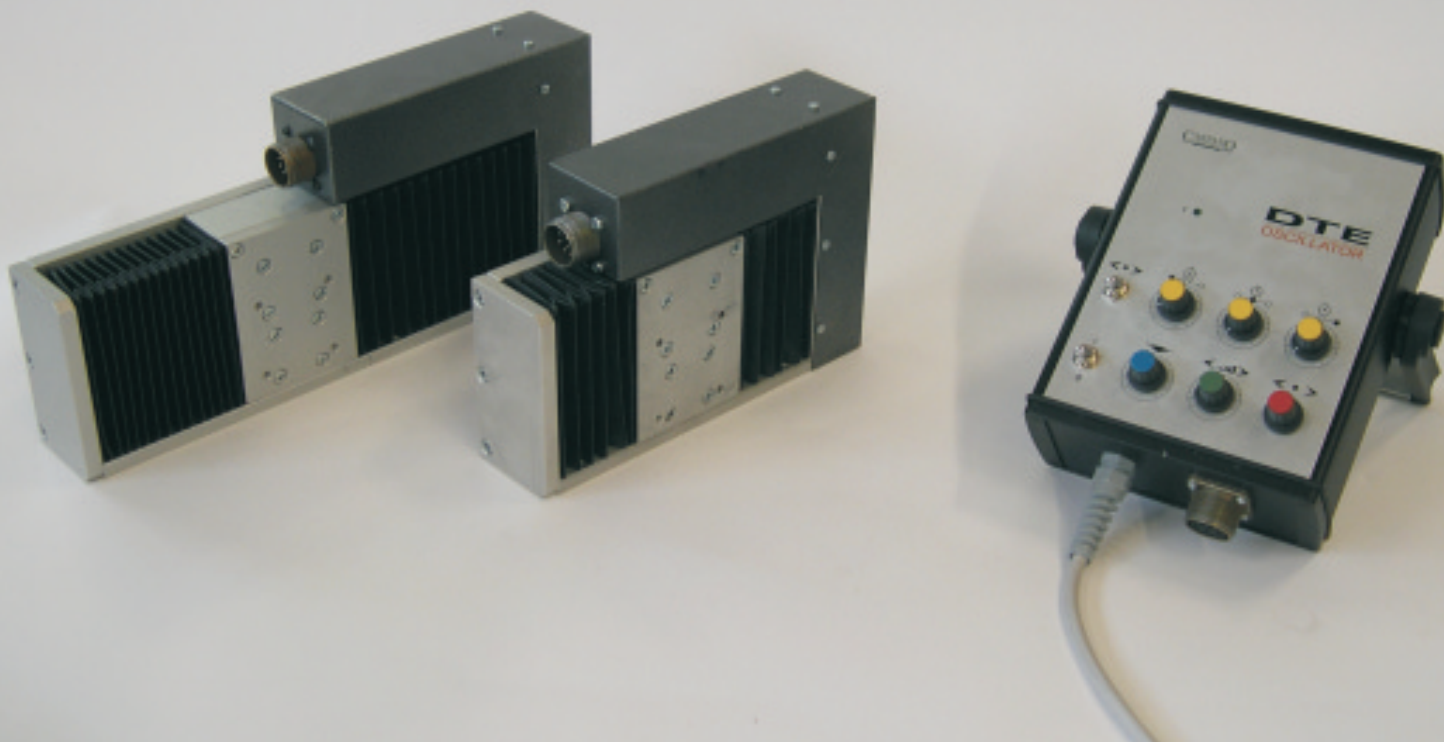


## LINEAR ELECTRONIC OSCILLATOR

standard version:

**DTE 80:** slide with 80 mm of stroke

**DTE 180:** slide with 180 mm of stroke



*DTE is a linear oscillator with electronic motion reverse*

*Its destination is welding of big thickness, with V-joint, or hardfacing*

*The precise and repetitive movement guarantees the execution of excellent welding*

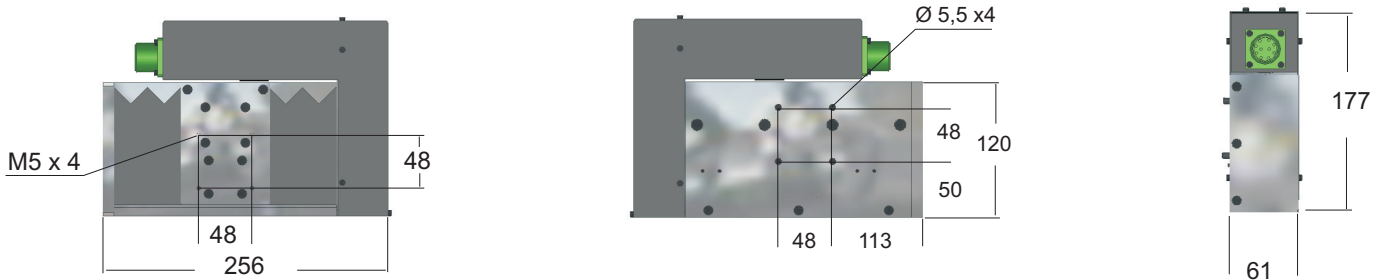
*With the full control of mechanical slide the use is very easy.*

*It includes the following controls:*

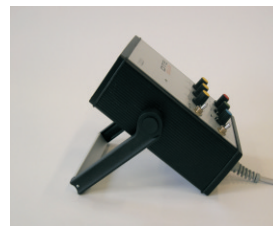
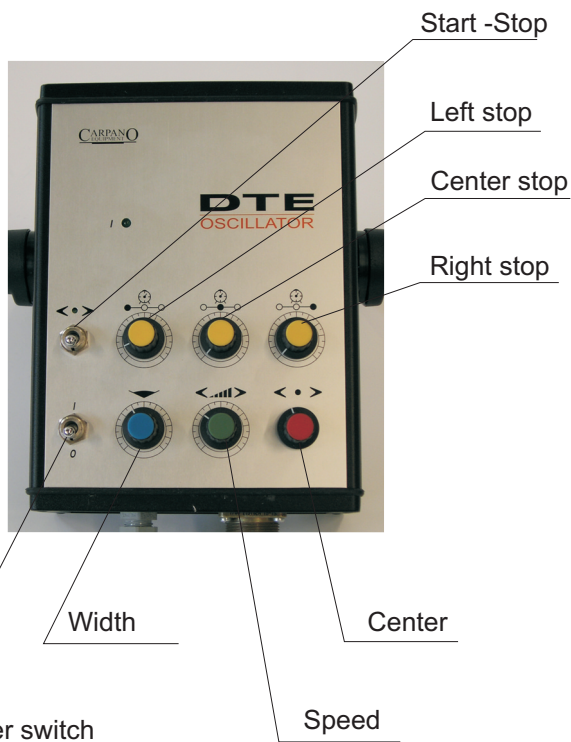
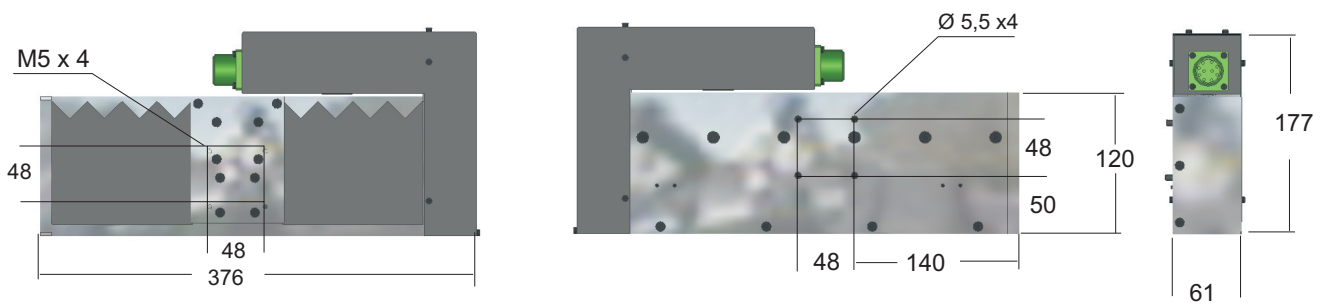
*Width, speed, center adjustment, dwell time-left, dwell time-center, dwell time-right*

*Thank to the compact dimensions can easily added to your existing weld system or included in your  
New CARPANO system*

**Stroke 80 mm**  
**Weight 4,5 Kg**



**Stroke 180 mm**  
**Weight 5,2 Kg**



## TECHNICAL DATA

- Power supply: 230 V AC ( on demand 48 V AC)
- Oscillation speed: from 20 to 2800 mm/min
- Oscillation width: from 0 to 30 mm (80 mm slide)  
from 0 to 60 mm (180 mm slide)
- Center adjustment:  $\pm 25$  mm (80 mm slide)  
 $\pm 60$  mm (180 mm slide)
- Left stop: from 0 to 5 seconds
- Center stop: from 0 to 5 seconds
- Right stop: from 0 to 5 seconds
- Control dimensions: 200 x 82 x 169 mm
- Control weight: 3 kg
- Slide-control cable: 10 mt, other on demand
- Slide weight capacity: 20 Kg out 100 mm
- Transmission with ball bearing screw
- DC motor with encoder
- Ball bearing linear guide
- Protection bellows

*On demand CARPANO EQUIPMENT can make motorized slides with different stroke and load, please ask us for information*

*Technical data and features can change without notice*