



CARPANO
EQUIPMENT

SQUIRREL 1



*SQUIRREL 1 is a motorized carriage sliding on semi-rigid tracks.
It can take one or two torches of welding or cut*

The track with rack allows to work in every position: horizontal, frontal, vertical and underhead

Due to structure in aluminum fusion it is sturdy and compact

The motorization in cc with encoder guarantees precision in the movement

The electronic functions are complete:

- Continuous or stitch welding
- Setting of skip and stitch length in cm/min
- Adjustable Start delay
- Work cycle with fast return



Control panel

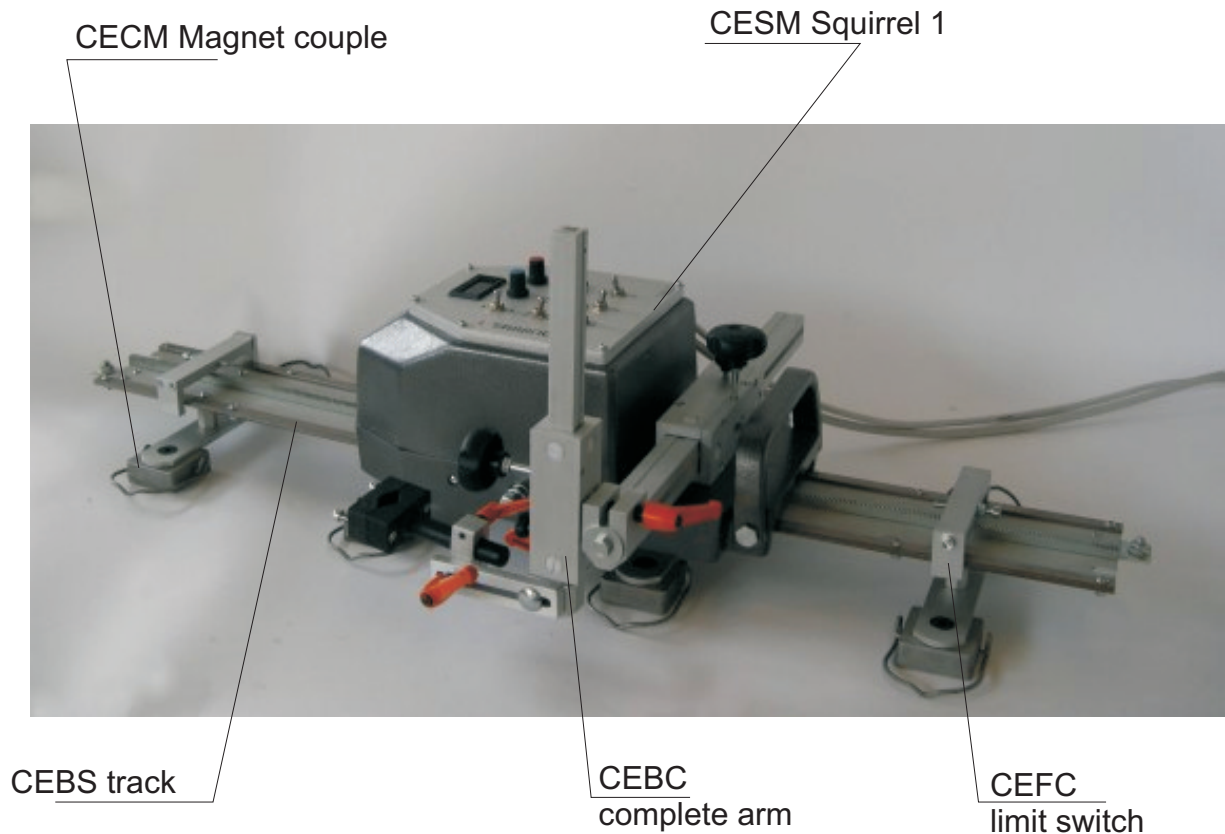
- 1 - Digital display showing the speed, welding length and skip length
- 2 - Switch direction: forward-stop-reverse
- 3 - Selection of:
 - welding speed from 0 to 130 cm/min
 - welding length: from 0 to 99,9 cm
 - skip length: from 0 a 99,9 cm
 during the skip length the carriage goes to max speed
- 4 - setting knob
- 5 - Mode select switch: continuous or stitch
- 6 - Cycle switch: one way or one way and fast return without welding
- 7 - Carriage start delay
- 8 - Power switch
- 9 - Arc on/off torch 1
- 10 - Arc on/off torch 2



- 1 - Knob to rise the pinion from rack and move manually the carriage
- 2 - Torch contact
- 3 - Power cord

Technical data

Dimensions	150 H x 210 W x 400 L mm
Weight	8 Kg
Speed	from 0 to 130 cm/min from 5 to 200 cm/min on demand
Stitch welding	adjustment from 0,0 a 99,9 cm
Start delay	from 0 to 10 seconds
Line voltage input	230 V 50/60 Hz 24-48 V 50/60 Hz on demand
Power	100 VA



Track supports

CECM - Magnet couple with high magnetic force till 100 Kg

CECS - Supporting angle bar to be installed alternately to CECM or CECV to avoid possible track bendings

CECV - Suction cup couple for non magnetic materials, heat-resisting till 120°



CEPV 10 mc/h capacity vacuum pump, complete with air filter and necessary suction cup couple connections.



Hat-shaped section bar allowing a rigid track fixing, ideal to install steady run with good mechanic rigidity.

CEPO1 1 mt
CEPO2 2 mt
CEPO3 3 mt



CEBS1 1 MT
CEBS2 2 MT
CEBS3 3 MT

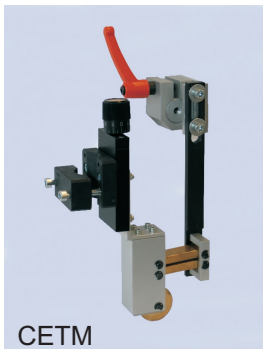
The semirigid track thanks to its 90° steel guides supplies to Squirrel a top quality mechanical sliding. Furthermore the guide can be bent till a diameter of 6 mt.



CEFC

Limit microswitch

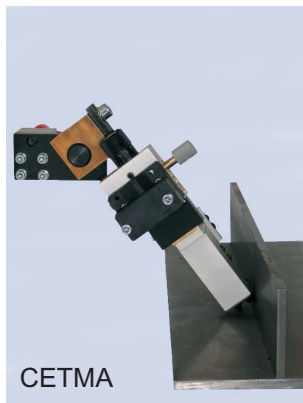
To be fitted on the track in the desired stop point



CETM

Torch holder

Rack arms and torch holding joint to adjust the torch or the torches position even when welding.



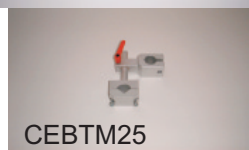
CETMA

Mechanical feeler

One model for height and another for corner



CEBT



CEBTM25



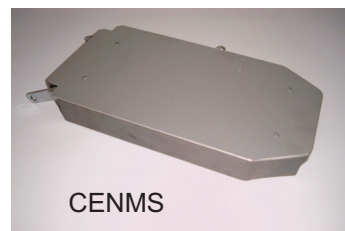
CEB30



CEB20

Idler carriage

Non motorized carriage for the eventual trailing of wire feeder, smoke extraction unit or other complementary equipments.

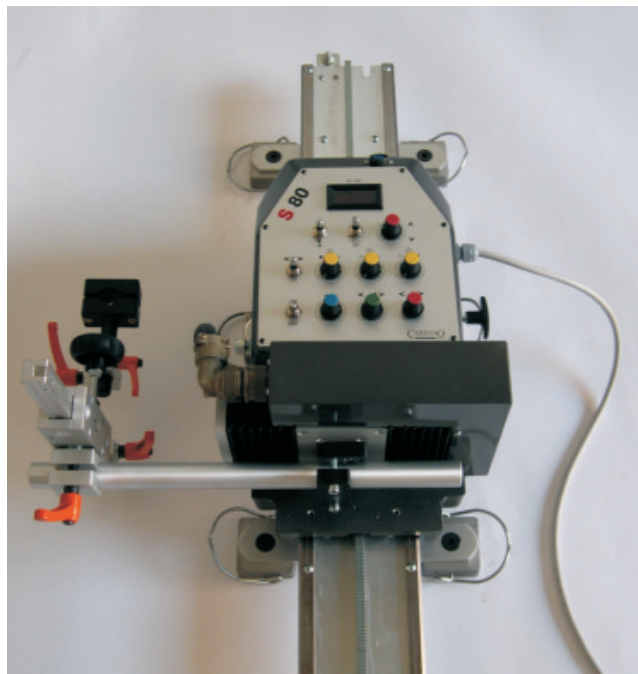


CENMS

Squirrel 2, the cheaper version



S80, carriage with electronic oscillator



Visit us on www.carpanoequipment.com and download the other catalogues



CARPANO EQUIPMENT Srl
Via Cà dell'Orbo 34/7 40050 Villanova di Castenaso Bologna - Italy
mail@carpanoequipment.com www.carpanoequipment.com
Tel. +39 051 6053215 fax +39 051 6053218