

TOMATECH
拓玛泰克

Flame / Plasma Torch Lifter for CNC Plasma Cutting Machine

TAC-100-DC24V-G- 100MM

Stroke: 100mm.
Working Speed: about 1600mm/min.

TAC-130-DC24V-G-130MM

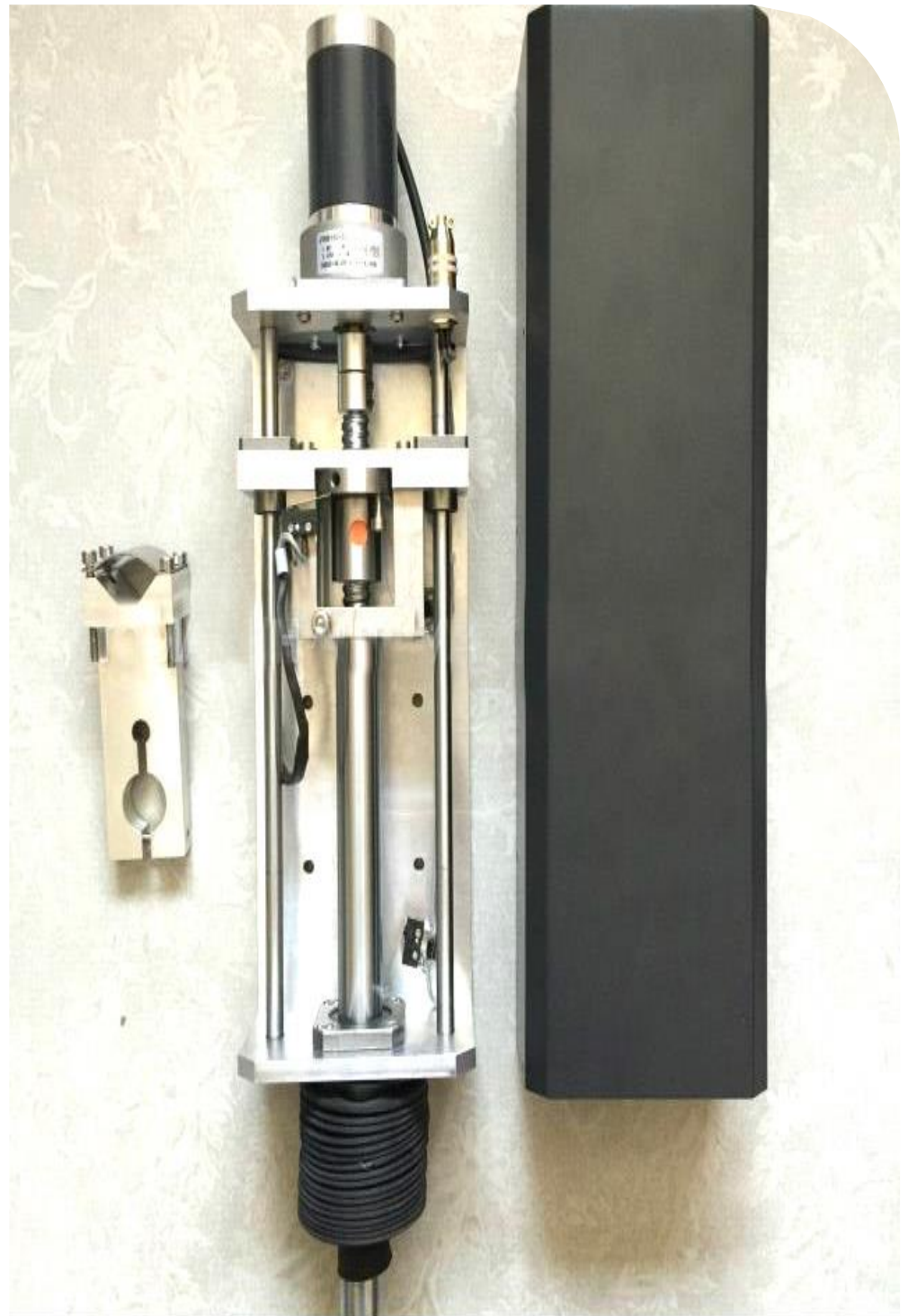
Stroke: 130mm.
Working Speed: about 2000mm/min

TAC-150-DC24V-G-150MM

Stroke: 150mm.
Working Speed: about 2000mm/min

TAC-200-DC24V-G-200MM

Stroke: 200mm
Working Speed: about 2000mm/min



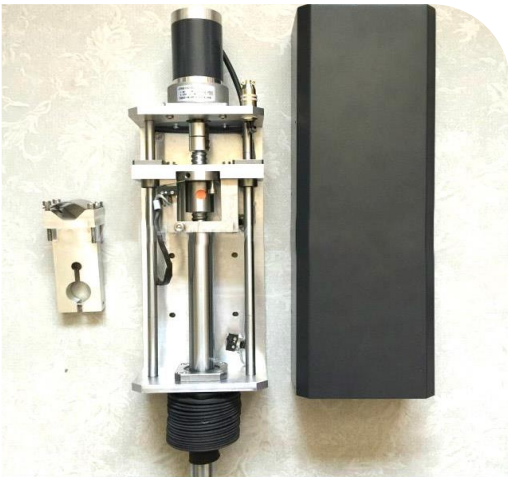
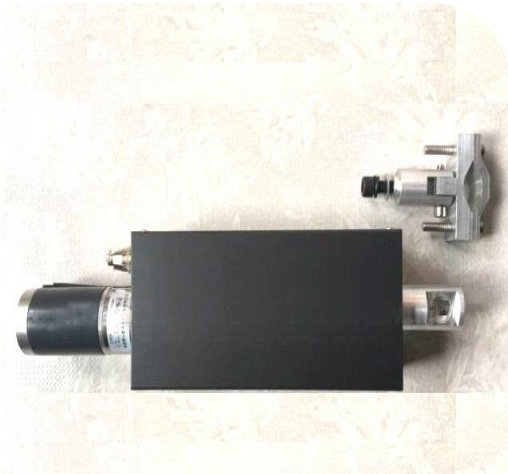
The flame/plasma cutting machine Z-axis torch lifter is driven by DC gear motor to lift the torch up & down. The most important part of the device, which is to keep the machine's cutting accuracy and to support plasma arc positioning function, is equipped with NPN proximity switches. The lifter's mechanical movement part is made of Taiwan TBI ballscrew or 304 stainless steel, standard linear shaft(SFC) & linear slider on the ends; torch clamber/holder is made of bearing steel, and fasterned by linear sliders, which is to ensure the lifter movement's stability & verticality. Convenient to install, work simple, improving the work efficiency.



TAC-100-DC24V-G- 100MM

Specification & Features:

1. Model Number: TAC-100-DC24V-G
2. Stroke: 100mm.
3. Working Speed: about 1600mm/min.
4. Torch clamp included(torch size: 12-38mm)
5. Movement shaft material: 25mm TBI-1605 ball screw.
6. Aluminum box: 10mm body & 8mm covers, primary molding, unique integration aluminum alloy, to avoid the jitter arc breaking problem during the cutting process.
7. Built-in plasma arc positioning function (default shipping model: NO contact 2 wires)
8. Working Voltage: DC24V-20W.
9. Net weight: about 3kg.
10. Loading ability: 3.0 kg.



Aviation Plug Wiring :

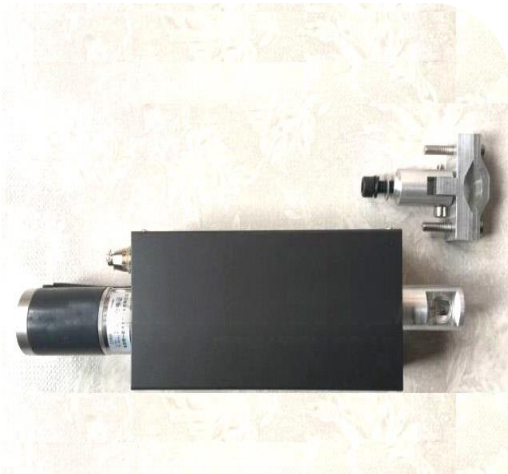
- Pin 1-D+ (Motor +)
- Pin 2-D- (Motor -)
- Pin 3-Zero (Initial positioning Output)
- Pin 4-Com (Initial positioning Output)



TAC-130-DC24V-G- 130MM

Specification & Features:

1. Model Number: TAC-130-DC24V-G
2. Stroke: 130mm.
3. Working Speed: about 2000mm/min.
4. Torch clamp included(torch size: 12-38mm)
5. Movement shaft material: 25mm TBI-1605 ball screw.
6. Aluminum box: 10mm body & 8mm covers, primary molding, unique integration aluminum alloy, to avoid the jitter arc breaking problem during the cutting process.
7. Built-in plasma arc positioning function (default shipping model: NO contact 2 wires)
8. Working Voltage: DC24V-20W.
9. Net weight: about 3kg.
10. Loading ability: 10.0 kg.



Aviation Plug Wiring :

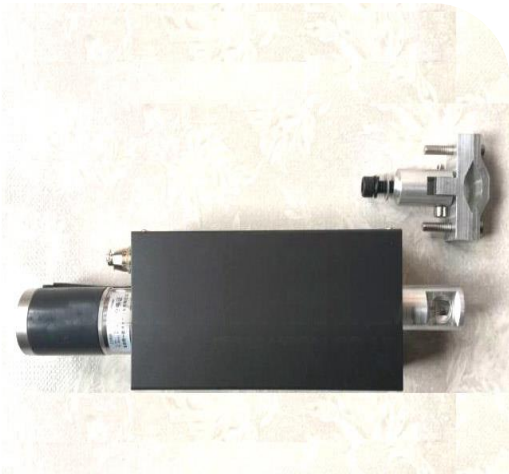
- Pin 1--D+ (Motor +)
- Pin 2--D- (Motor -)
- Pin 3--Zero (Initial positioning Output)
- Pin 4--Com (Initial positioning Output)



TAC-150-DC24V-G- 150MM

Specification & Features:

1. Mode Number: TAC-150-DC24V-G
2. Stroke: 150mm.
3. Working Speed: about 2000mm/min.
4. Torch clamp included(torch size: 12-38mm)
5. Movement shaft material: 25mm TBI-1605 ball screw.
6. Aluminum box: 10mm body & 8mm covers, primary molding, unique integration aluminum alloy, to avoid the jitter arc breaking problem during the cutting process.
7. Built-in plasma arc positioning function (default shipping model: NO contact 2 wires)
8. Working Voltage: DC24V-20W.
9. Net weight: about 5kg.
10. Loading ability: 10.0 kg.



Aviation Plug Wiring :

- Pin 1--D+ (Motor +)
- Pin 2--D- (Motor -)
- Pin 3--Zero (Initial positioning Output)
- Pin 4--Com (Initial positioning Output)

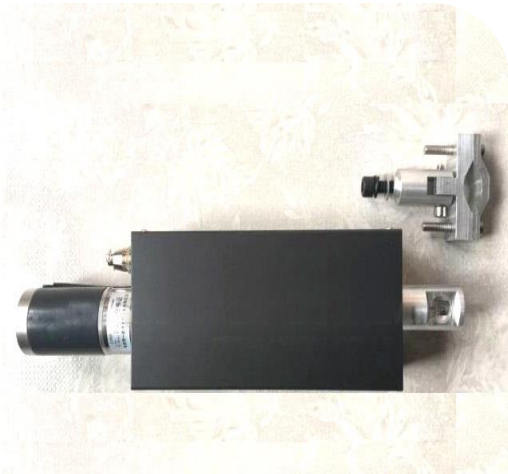




TAC-200-DC24V-G- 200MM

Specification & Features:

1. Mode Number: TAC-200-DC24V-G
2. Stroke: 200mm.
3. Working Speed: about 2000mm/min.
4. Torch clamp included(torch size: 12-38mm)
5. Movement shaft material: 25mm TBI-1605 ball screw.
6. Aluminum box: 10mm body & 8mm covers, primary molding, unique integration aluminum alloy, to avoid the jitter arc breaking problem during the cutting process.
7. Built-in plasma arc positioning function (default shipping model: NO contact 2 wires)
8. Working Voltage: DC24V-20W.
9. Net weight: about 6.5kg.
10. Loading ability: 10.0 kg.



Aviation Plug Wiring :

- Pin 1--D+ (Motor +)
- Pin 2--D- (Motor -)
- Pin 3--Zero (Initial positioning Output)
- Pin 4--Com (Initial positioning Output)

