

CNC Plasma Beveling Cutting Machine



Plasma break swivel head

CNC Plasma Beveling Cutting Machine

The main features of the machine

- ◀ Wide, low center of gravity Longmen frame structure is suitable for high speed motion, six axis linkage, infinite rotating cutting torch
- ◀ Deflection motor rotation with the rotary motor, the groove and groove cutting,
- ◀ The torch high speed constant
- ◀ Equipped with cutting torch initial location and anti-collision device



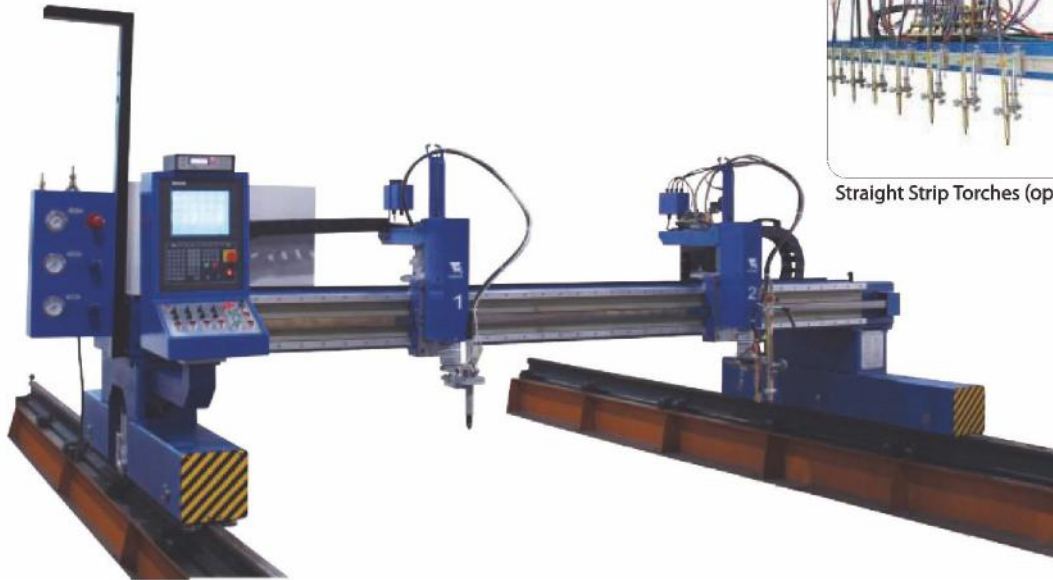
Samples were cut

| Model | Track Width mm | Track Length mm | Availability Cutting Width mm | Availability Cutting Length mm | Numerical Control Torches | Cutting Thickness mm | Bevel Angle | Max Unload Move Speed mm/min |
|-------------|----------------|-----------------|-------------------------------|--------------------------------|---------------------------|-------------------------------|-------------|------------------------------|
| MEMNC-5000P | 5000 | 12000 | 4000 | 10000 | 1 | Depending on the plasma Power | ±45° | 12000 |
| MEMNC-6000P | 6000 | 12000 | 5000 | 10000 | | | | 12000 |
| MEMNC-7000P | 7000 | 12000 | 6000 | 10000 | | | | 12000 |
| MEMNC-8000P | 8000 | 12000 | 7000 | 10000 | | | | 12000 |

Remarks: Track length can be adjusted according to different requirement.
It can be equipped with torch for drawing over the zinc dust and flame cutting torch.



CNC Flame / Plasma Cutting Machine (Heavy model)



Straight Strip Torches (optional)



Line triangle cutting torch (Flame)



Single cutting torch (flame), cutting torch with material powder

HNC Series CNC Flame / Plasma Cutting Machine (Heavy model)

On the basis of the multi-head strip cutting machine, we have added the economical and practical numeral-control capacity, which not only can perform cutting strip-plates, but also can cut the various irregular shaped work pieces. We are able to provide the plasma cutting, powder-spraying laying out, auto-adjustment of height and auto-ignition devices in accordance with customer requirements.

| Model | Track Width mm | Track Length mm | Availability Cutting Width mm | Availability Cutting Length mm | Numerical Control Torches | Straight Strip Torches | Cutting Thickness mm | Cutting Speed mm/min |
|------------|----------------|-----------------|-------------------------------|--------------------------------|---------------------------|------------------------|----------------------|----------------------|
| MEMNC-3000 | 3000 | 12000 | 2200 | 10000 | 2 | 10 | 3-200 | 50-3000 |
| MEMNC-4000 | 4000 | 12000 | 3200 | 10000 | 2 | 10 | 3-200 | 50-3000 |
| MEMNC-5000 | 5000 | 12000 | 4200 | 10000 | 2 | 10 | 3-200 | 50-3000 |
| MEMNC-6000 | 6000 | 12000 | 5200 | 10000 | 2 | 10 | 3-200 | 50-3000 |
| MEMNC-7000 | 7000 | 12000 | 6200 | 10000 | 2 | 10 | 3-200 | 50-3000 |

Remarks:

Track gauge, length, and number of cutting torches may be increased or decreased according to user's demands.

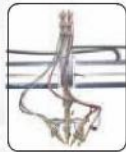
Plasma cutting torch may be added.

The straight three cutting torch may be added.

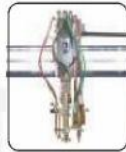
The powder-spray marking torch may be added.



NC Flame / plasma cutting machine



Three straight cutting torch(Flame)



Single cutting torch (flame), cutting torch with material powder



CNC intersecting pipe line cutting device.(Optional)

CNC Flame / plasma cutting machine (standard model)

- ◀ Low cost performance and high efficiency CNC cutting machine
- ◀ Rational structural design, good rigidity, and light weight
- ◀ Possessing all functions of gantry CNC, and convenient in operation
- ◀ Adopting servo motor and bilateral drive, with stable running and high cutting quality
- ◀ Main parts such as servo motor, Planetary reducer, and electromagnetic valves are imported

| Model | Track Width mm | Track Length mm | Availability Cutting Width mm | Availability Cutting Length mm | Cutting Torches Number | Cutting Thickness mm | Cutting Speed mm/min | Supply Voltage V/ Hz |
|-------------|----------------|-----------------|-------------------------------|--------------------------------|------------------------|----------------------|----------------------|----------------------|
| MEMNC-3000H | 3000 | 8000 | 2400 | 6400 | 2 | 3-150 | 50-3000 | AC 220/50 |
| MEMNC-3500H | 3500 | 8000 | 2900 | 6400 | 2 | 3-150 | 50-3000 | AC 220/50 |
| MEMNC-4000H | 4000 | 8000 | 3400 | 6400 | 2 | 3-150 | 50-3000 | AC 220/50 |

Remarks:

Track gauge, length, and number of cutting torches may be increased or decreased according to user's demands.

Plasma cutting torch may be added.

The straight three cutting torch may be added.

The powder-spray marking torch may be added.

Can add the CNC intersecting pipe line cutting device.



Mini Gantry type CNC cutting machine



Mini Gantry type CNC cutting machine

This type of machine is a good solution of a blank parts between mini-size CNC cutting machine and Gantry type CNC Cutting machine-. They are not only solve the moving problem of Gantry type CNC cutting machines, but also provide a larger efficiency cutting range compare with Mini-Size CNC cutting machine. The machine uses the imported precision dual axis linear guide rails and applies double-driving as the method of driving to increase speed and stability of movement. Additionally, it is also can be installed any plasma system according on customers' needs. As a CNC machine, the Mini Gantry type CNC cutting machine also can cut any shape based on the program within the operational system.

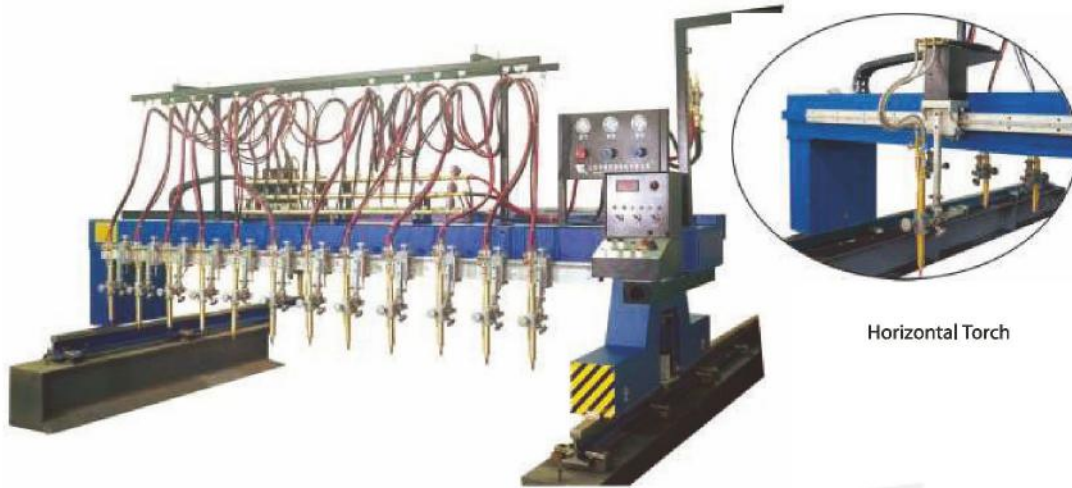
The machine is particularly suitable for medium thick, thin non-ferrous metal sheet, stainless steel, aluminum, carbon steel plate of high-speed cutting.

| Model | Track Width mm | Track Length mm | Availability Cutting Width mm | Availability Cutting Length mm | Cutting Torches Set | Cutting Speed mm/min | Maximum no-load speed mm/min | Supply Voltage V/ Hz |
|-------------|-------------------|--------------------|-------------------------------------|--------------------------------------|---------------------------|----------------------------|---------------------------------|-------------------------|
| MEMNC-2500W | 2500 | 4000 | 2000 | 3000 | 1 | 50-750 | 3000 | AC220V/50HZ |
| MEMNC-3000W | 3000 | 4000 | 2500 | 3000 | 1 | 50-750 | 3000 | AC220V/50HZ |

Remarks: Width, length and data of cutting torch can be increased or decreased according to demands.



Multi-Head Straight Strip Cutting Machine



Horizontal Torch

Multi-Torch Straight Strip Cutting Machine

- ◀ Type frame structure for this machine body
- ◀ Gear wheel, gear bar, and gear transmission for moveable parts
- ◀ Integrated velocity modulation control, with digital display
- ◀ DC servo driving, stable for movements
- ◀ Standard cutting torch attachments with 10 groups longitudinally and 1 group transversely
- ◀ The processing thickness is 200mm when under 4 groups, 80mm under 10 groups
- ◀ The standard minimum cutting width is 80mm (may made to 60mm)
- ◀ The maximum return speed is 4000mm/min

| Model | Track Width mm | Track Length mm | Availability Cutting mm | VERTICAL TORCH | HORIZONTAL TORCH | Cutting THICKNESS mm | Cutting Speed mm/min | Input Voltage V |
|-------------|----------------|-----------------|-------------------------|----------------|------------------|----------------------|----------------------|-----------------|
| MEMCG1-3000 | 3000 | 12000 | 2500 | 10 | 1 | 5-100 | 50-750 | 220 |
| MEMCG1-4000 | 4000 | 12000 | 3500 | 10 | 1 | 5-100 | 50-750 | 220 |
| MEMCG1-5000 | 5000 | 12000 | 4500 | 10 | 1 | 5-100 | 50-750 | 220 |
| MEMCG1-6000 | 6000 | 12000 | 5500 | 10 | 1 | 5-100 | 50-750 | 220 |

Remarks: Width, Length, and number cutting torch can be changed according to demands.
The functions such as the overall lift of all torch, lift of single torch and auto-ignition can be added according to demands.



MEMTNC series table model CNC plasma cutting machine (Economical type)



TNC series table model CNC plasma cutting machine (Economical type)

- ◀ This machine adopts integral structure, making installation easier and more reliable.
- ◀ This machine adopts double-side driving to make torch does longitudinal movement followed straight tracks. The light design of crossbeam has a good rigidity, light self-weight and good stability of movement.
- ◀ The machine is equipped with water tank type dust-removing equipment, in order to achieve environmental protection requirement; a smoking type dust-removing equipment also can be applied according to the customer's needs.
- ◀ The machine is suitable to high-speed cutting thin sheet made of stainless steel, aluminium sheet and nonferrous metals etc. additionally, it also has able to cutting thick plate.
- ◀ The machine is widely applied for sheet-metal working, auto parts, Wind turbines, and steel mould industries etc .

| Model | Range of cutting mm | Speed mm/min | Set of torch | Type of torch | Thickness of cutting | Torch lifting distance |
|-------------|---------------------|--------------|--------------|---------------|-------------------------------------|------------------------|
| MEMTNC-3015 | 3000X1500 | 50 ~ 6000 | 1 | Plasma | 0.8-30 Depend on plasma power | 120 |
| MEMTNC-4020 | 4000X2000 | 50 ~ 6000 | 1 | | | |
| MEMTNC-5015 | 5000X1500 | 50 ~ 6000 | 1 | | | |
| MEMTNC-5020 | 5000X2000 | 50 ~ 6000 | 1 | | | |

**Note: Cutting speed and thickness is depend on the plasma power.
This machine can be customized according to user's needs.**



Table Model CNC Plasma Cutting Machine



Table Model CNC Plasma Cutting Machine

TMG series is a high-speed, precision CNC plasma cutting machine or laser class. Using integrated modular structure, making installation quick and easy. Duse extraction system can be installed in order to meet environmental requirements.

The machine is particularly suitable for medium thick, thin non-ferrous metal sheet, stainless steel, aluminum, carbon steel plate of high-speed cutting.

| Model | Effective cutting range mm | Drive speed mm/min | Torch number of groups | Torch types | Cutting thickness mm | Lifting distance mm |
|---------------|----------------------------|--------------------|------------------------|---|----------------------------------|---------------------|
| MEMNC-TMG3015 | 3000×1500 | 50 ~ 24000 | 1 | Plasma, Precision plasma Or class laser | Depending on the plasma Power | 120 |
| MEMNC-TMG4020 | 4000×2000 | 50 ~ 24000 | 1 | | | 120 |
| MEMNC-TMG6020 | 6000×2000 | 50 ~ 24000 | 1 | | | 120 |

Note: Cutting speed and thickness depending on the plasma power
Cutting range and other requirements can be customized according to user requirements



CNC CUTTER

Mini-size CNC Cutting Machine



Cantilever type CNC cutting machine

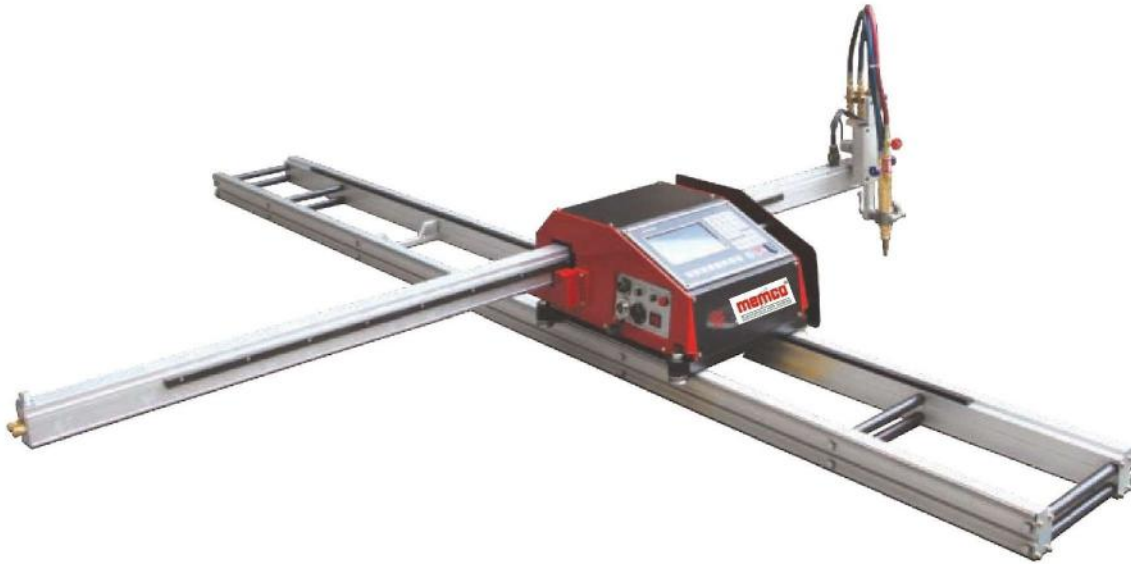
The longitudinal guide rail and the horizontal guide rail are composed of high precision transmission system and aluminum alloy. It make the machine works high-accuracy and stable. This machine can cut any complex plane graphics, suitable for oxygen fuel cutting and plasma cutting and free to move. It widely used in automotive, shipbuilding, petrochemical, boiler and pressure vessels, construction machinery, light industry machinery and other industries. Especially good for single and mass irregular-shape production.

| Model NO. | Effective cutting range (mm) | Voltage | Number of torch | Cutting speed (mm/min) | Maximum no-load speed (mm/min) | L×W×H (mm) | Weight (Kg) |
|-------------------|------------------------------|-------------|-----------------|------------------------|--------------------------------|--------------|-------------|
| MEMNC-1500X-Q-2 | 1500-2000 | AC220V-50HZ | 1 | 50-750 | 3000 | 2.5×2.2×0.34 | 83 |
| MEMNC-1500X-Q-2.5 | 1500-2500 | AC220V-50HZ | 1 | 50-750 | 3000 | 3×2.2×0.34 | 88 |
| MEMNC-1500X-Q-3 | 1500-3000 | AC220V-50HZ | 1 | 50-750 | 3000 | 3.5×2.2×0.34 | 94 |
| MEMNC-1500X-Q-3.5 | 1500-3500 | AC220V-50HZ | 1 | 50-750 | 3000 | 4×2.2×0.34 | 108 |
| MEMNC-1500X-Q-4 | 1500-4000 | AC220V-50HZ | 1 | 50-750 | 3000 | 4.5×2.2×0.34 | 118 |
| MEMNC-1500X-Q-5 | 1500-5000 | AC220V-50HZ | 1 | 50-750 | 3000 | 5.5×2.2×0.34 | 132 |
| MEMNC-1500X-Q-6 | 1500-6000 | AC220V-50HZ | 1 | 50-750 | 3000 | 6.5×2.2×0.34 | 141 |
| MEMNC-1500X-2 | 1500-2000 | AC220V-50HZ | 1 | 50-750 | 3000 | 2.5×2.2×0.37 | 112 |
| MEMNC-1500X-2.5 | 1500-2500 | AC220V-50HZ | 1 | 50-750 | 3000 | 3×2.2×0.37 | 133 |
| MEMNC-1500X-3 | 1500-3000 | AC220V-50HZ | 1 | 50-750 | 3000 | 3.5×2.2×0.37 | 141 |
| MEMNC-1500X-3.5 | 1500-3500 | AC220V-50HZ | 1 | 50-750 | 3000 | 4×2.2×0.37 | 155 |
| MEMNC-1500X-4 | 1500-4000 | AC220V-50HZ | 1 | 50-750 | 3000 | 4.5×2.2×0.37 | 169 |
| MEMNC-1500X-5 | 1500-5000 | AC220V-50HZ | 1 | 50-750 | 3000 | 5.5×2.2×0.37 | 208 |
| MEMNC-1500X-6 | 1500-6000 | AC220V-50HZ | 1 | 50-750 | 3000 | 6.5×2.2×0.37 | 240 |



CNC CUTTER

Mini-size CNC Cutting Machine



Mini-size CNC Cutting Machine

Host longitudinal rails imported precision dual axis linear guides, horizontal transmission by a precision aluminum extrusions and components, transmission stability, high accuracy

Can cut any complex plane figures for oxyfuel flame cutting and plasma cutting machine, free to move, not accounting for fixed venue.

Widely used in automotive, shipbuilding, petrochemical, boiler and pressure vessel, engineering machinery, light machinery and other industries, especially for single-piece contoured surface and mass production.

| Model | Cutting range mm | Supply Voltage V/Hz | Cutting torch Number of groups | Cutting speed mm/min | Maximum no-load speed mm/min | Overall dimensions L×W×H(M) | Weight |
|-------------------|---------------------|------------------------|-----------------------------------|-------------------------|---------------------------------|--------------------------------|--------|
| MEMNC-1500W-J-3.0 | 1500×3000 | AC220V-50HZ | 1 | 50-750 | 3000 | 3.5×2.2×0.34 | 87 |
| MEMNC-1500W-J-3.5 | 1500×3500 | AC220V-50HZ | 1 | 50-750 | 3000 | 4×2.2×0.34 | 94 |
| MEMNC-1500W-J-4.0 | 1500×4000 | AC220V-50HZ | 1 | 50-750 | 3000 | 4.5×2.2×0.34 | 101 |
| MEMNC-1500W-J-5.0 | 1500×5000 | AC220V-50HZ | 1 | 50-750 | 3000 | 5.5×2.2×0.34 | 113 |
| MEMNC-1500W-J-6.0 | 1500×6000 | AC220V-50HZ | 1 | 50-750 | 3000 | 6.5×2.2×0.34 | 126 |

Note: Can be configured according to customer demand plasma torch.



CNC CUTTER

Mini-size CNC Cutting Machine



Mini-size CNC Cutting Machine

Host longitudinal rails imported precision dual axis linear guides, horizontal transmission by a precision aluminum extrusions and components, transmission stability, high accuracy

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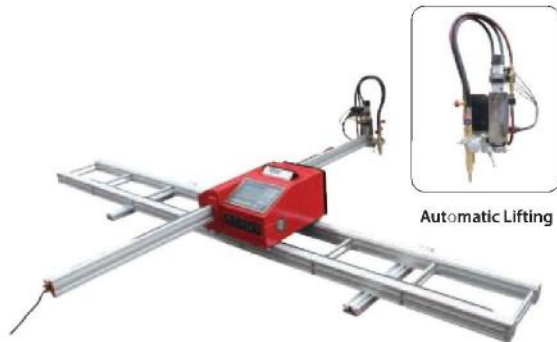
| Model | Cutting range mm | Supply Voltage V/Hz | Cutting torch Number of groups | Cutting speed mm/min | Maximum no-load speed mm/min | Overall dimensions L×W×H(M) | Weight |
|-------------------|---------------------|------------------------|-----------------------------------|-------------------------|---------------------------------|--------------------------------|--------|
| MEMNC-1500W-Q-2 | 1500×2000 | AC220V-50HZ | 1 | 50-750 | 3000 | 2.5×2.2×0.34 | 75 |
| MEMNC-1500W-Q-2.5 | 1500×2500 | AC220V-50HZ | 1 | 50-750 | 3000 | 3×2.2×0.34 | 82 |
| MEMNC-1500W-Q-3 | 1500×3000 | AC220V-50HZ | 1 | 50-750 | 3000 | 3.5×2.2×0.34 | 87 |
| MEMNC-1500W-Q-3.5 | 1500×3500 | AC220V-50HZ | 1 | 50-750 | 3000 | 4×2.2×0.34 | 94 |
| MEMNC-1500W-Q-4 | 1500×4000 | AC220V-50HZ | 1 | 50-750 | 3000 | 4.5×2.2×0.34 | 101 |
| MEMNC-1500W-Q-5 | 1500×5000 | AC220V-50HZ | 1 | 50-750 | 3000 | 5.5×2.2×0.34 | 113 |
| MEMNC-1500W-Q-6 | 1500×6000 | AC220V-50HZ | 1 | 50-750 | 3000 | 6.5×2.2×0.34 | 126 |
| MEMNC-1500W-2 | 1500×2000 | AC220V-50HZ | 1 | 50-750 | 3000 | 2.5×2.2×0.37 | 108 |
| MEMNC-1500W-2.5 | 1500×2500 | AC220V-50HZ | 1 | 50-750 | 3000 | 3×2.2×0.37 | 121 |
| MEMNC-1500W-3 | 1500×3000 | AC220V-50HZ | 1 | 50-750 | 3000 | 3.5×2.2×0.37 | 134 |
| MEMNC-1500W-3.5 | 1500×3500 | AC220V-50HZ | 1 | 50-750 | 3000 | 4×2.2×0.37 | 147 |
| MEMNC-1500W-4 | 1500×4000 | AC220V-50HZ | 1 | 50-750 | 3000 | 4.5×2.2×0.37 | 160 |
| MEMNC-1500W-5 | 1500×5000 | AC220V-50HZ | 1 | 50-750 | 3000 | 5.5×2.2×0.37 | 186 |
| MEMNC-1500W-6 | 1500×6000 | AC220V-50HZ | 1 | 50-750 | 3000 | 6×2.2×0.37 | 212 |

Note: Can be configured according to customer demand plasma torch.



CNC CUTTER

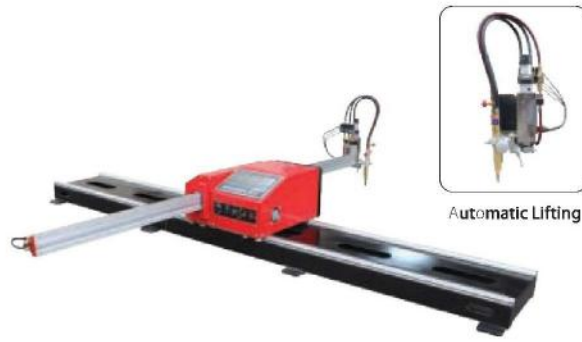
Mini-size CNC Cutting Machine



Standard(Qseries)



Automatic Lifting



Heavy-duty



Automatic Lifting

Mini-size CNC Cutting Machine

Host longitudinal rails imported precision dual axis linear guides, horizontal transmission by a precision aluminum extrusions and components, transmission stability, high accuracy

Can cut any complex plane figures for oxyfuel flame cutting and plasma cutting machine, free to move, not accounting for fixed venue.

Widely used in automotive, shipbuilding, petrochemical, boiler and pressure vessel, engineering machinery, light machinery and other industries, especially for single-piece contoured surface and mass production.

| Model | Cutting range mm | Supply Voltage V/Hz | Cutting torch Number of groups | Cutting speed mm/min | Maximum no-load speed mm/min | Overall dimensions L×W×H(M) | Weight |
|-------------------|---------------------|------------------------|-----------------------------------|-------------------------|---------------------------------|--------------------------------|--------|
| MEMNC-1800W-Q-3 | 1800×3000 | AC220V-50HZ | 1 | 50-750 | 3000 | 3.5×2.6×0.37 | 126 |
| MEMNC-1800W-Q-3.5 | 1800×3500 | AC220V-50HZ | 1 | 50-750 | 3000 | 4×2.6×0.37 | 135 |
| MEMNC-1800W-Q-4 | 1800×4000 | AC220V-50HZ | 1 | 50-750 | 3000 | 4.5×2.6×0.37 | 144 |
| MEMNC-1800W-Q-5 | 1800×5000 | AC220V-50HZ | 1 | 50-750 | 3000 | 5.5×2.6×0.37 | 162 |
| MEMNC-1800W-Q-6 | 1800×6000 | AC220V-50HZ | 1 | 50-750 | 3000 | 6.5×2.6×0.37 | 180 |
| MEMNC-1800W-3 | 1800×3000 | AC220V-50HZ | 1 | 50-750 | 3000 | 3.5×2.6×0.4 | 175 |
| MEMNC-1800W-3.5 | 1800×3500 | AC220V-50HZ | 1 | 50-750 | 3000 | 4×2.6×0.4 | 191 |
| MEMNC-1800W-4 | 1800×4000 | AC220V-50HZ | 1 | 50-750 | 3000 | 4.5×2.6×0.4 | 207 |
| MEMNC-1800W-5 | 1800×5000 | AC220V-50HZ | 1 | 50-750 | 3000 | 5.5×2.6×0.4 | 239 |
| MEMNC-1800W-6 | 1800×6000 | AC220V-50HZ | 1 | 50-750 | 3000 | 6.5×2.6×0.4 | 271 |

Note: Can be configured according to customer demand plasma torch.

