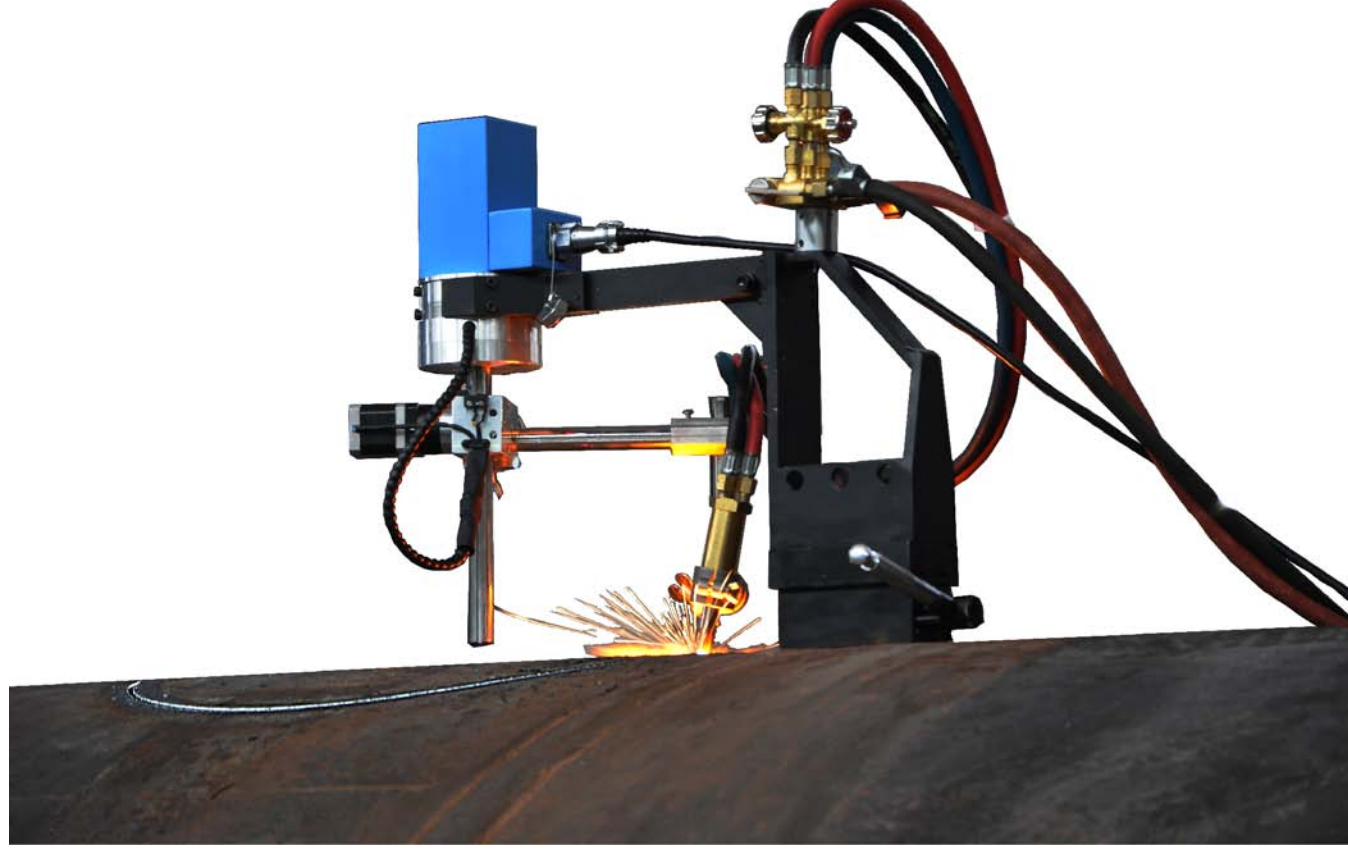


MAK Highly Intelligent but Simple to Operate

The smallest & lightest saddle hole NC cutting machine in the world



Thirst for SMALL and flexibility

Actually thirst for FREEDOM

For Freedom

MAK stands here

Scientific innovation should bring

SIMPLICITY & FREEDOM

On this point

MAK knows MORE



Order Info

Part No.	Model	Function	Bevel	Process	Rise and Fall Cap /mm	Hole Diameter /mm	Total Weight /kg
2-101-0001	MAK-11	Saddle-hole	±45°	Oxy-fuel	0-150	50 - 300	22
2-101-0002	MAK-12	Saddle-hole	±45°	Oxy-fuel	0-180	50 - 600	32
2-101-0004	MAK-14	Saddle-hole	±45°	Oxy-fuel	0-180	50 -1200	40

Myth starts from professional SYSTEM

With built-in professional saddle hole cutting software, automatically create cutting program after inputting pipes' parameters. Compared with 6 axis system or that converted from plate NC cutting system, PC 3D drawing, non-cutting line removal, import nesting software and generate G-code all are NOT required. Making work more direct, efficient and accurate.

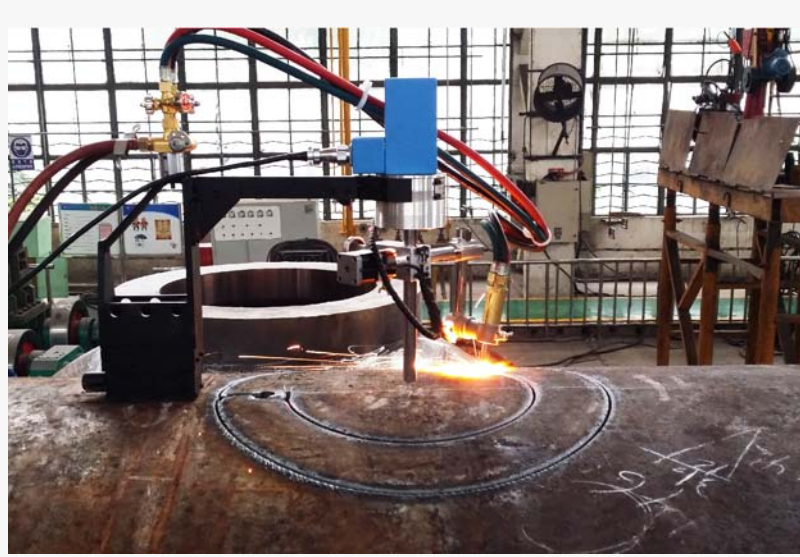


Small MAK, light burden

Aluminum alloy control box weighs 10kg, main kit weighs 12kg. One worker easily moves and operates it.

2 laser make positioning easily and accurately

One laser locates circle center and another laser locates cutting axes to ensure axes parallel and circle center. It's much easier and more accurate than traditional iron cone positioning method.



Some SECONDS are enough for magnetic mounting

Strong suction polished and levelled magnetic block ensures stable & accurate installation. For stainless steel and other non-ferromagnetic material, could select chain clip or ratchet contraction bands to twine the pipe.

Also suitable for plasma and waterjet

Standard configuration includes a flame cutting torch assembly, could choose plasma for speed cutting and waterjet for anti-explosion work.



Processes and Features

- Specifically designed for cutting orthometric saddle holes on pipes and vessels
- Easily operated built in program, no requirement to import CAD files
- Light weight, ease of installation no auxiliary mechanical devices required
- Single operator usage with remote control device
- Future software upgrades easy to install
- Laser centre finder & point to point laser for centre point location making positioning easy and accurate
- Manually operated magnetic block mounting makes set-up quick and convenient
- Also suitable for hole cutting in flat plate in horizontal position

