

SELMACHTM
MACHINERY

Making Metal Work

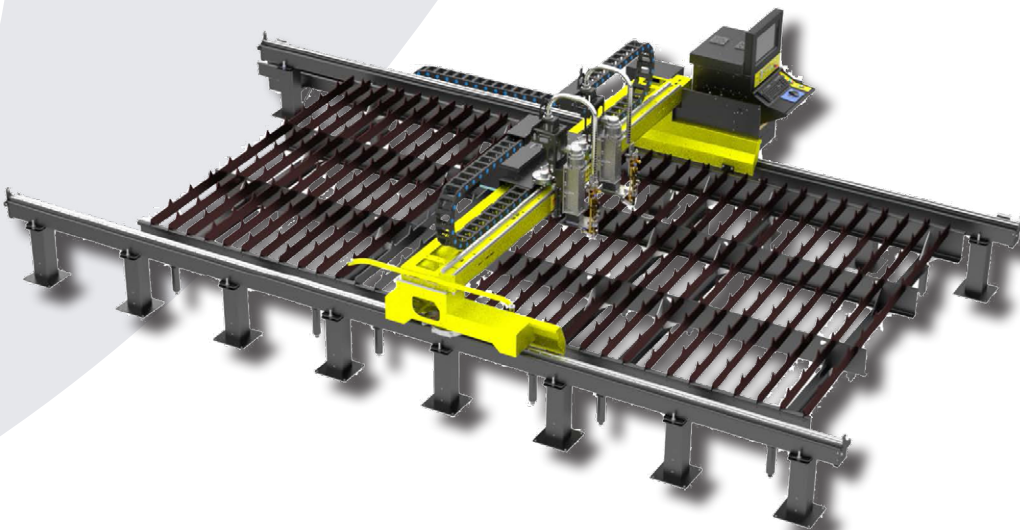


Oxy Fuel CNC Grid Cutting Machine

The Ajan Oxy Fuel CNC Grid Cutting Machine is the perfect solution for efficient cutting of full joint, press locked, welded press fitting and forge welded grating, all typical used for platforms, racking, flooring and stairways. Capable of cutting multiple thicknesses, depending on your requirements.

Ajan offers high quality profile cutting for a range of materials, delivering both excellent edge squareness and a virtually dross free finish, while maintaining production feed rates. The machines are constructed to a heavy industrial standard and, by manufacturing the machine totally in house including all of the electronic components, Ajan ensure that they can offer the required support to the machine for the duration of its working life. All models come complete with Ajan CAD/CAM software including comprehensive features and free software upgrades.

Options include additional oxy cutting torches and larger bed sizes to suit your requirements.



**WATCH THE
MACHINE IN
ACTION**

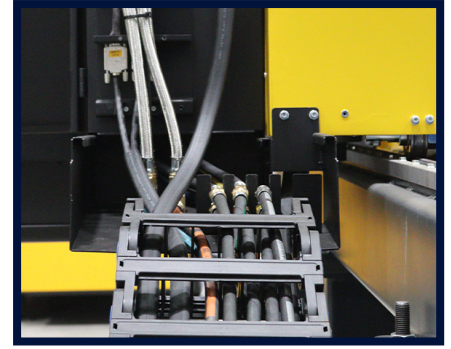




CNC UNIT



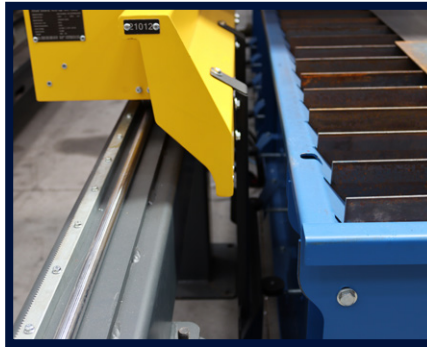
**INDEPENDENT SERVO
AXIS GANTRIES**



**INTEGRATED GAS
SYSTEM**



**WIDE GANTRY PROVIDES
CUTTING STABILITY**



**INDEPENDENT
GANTRY RAILS**



**MULTI-TIP CUTTING
HEAD**

Ajan Electronics produces all machine parts in its own factories; CNC unit, cutting torch, consumables, servo motors, moving parts, all electronic parts and steel structure which means we can source any replacement parts you might need quickly and easily, reducing downtime.



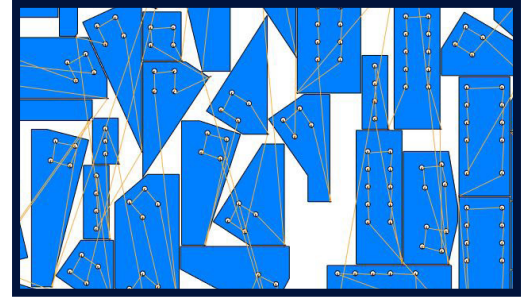
Machine Features

- Specialist Grid Cutting Oxy Fuel Torch
- Automatic gas console
- Automatic torch height control
- Ajan CNC control unit using industry standard DIN/ISO 'G' codes
- Able to work with DXF, ESSI and NC toolpath files
- CAD drawing software
- CAM nesting and optimisation software
- Consistent quality, virtually dross free finish without the requirement for secondary operation
- X and Y axis precision rack and pinion system with AC servo motors
- Resume cutting feature
- Rapid traverse speed
- Fume extraction system beneath the table with exhaust connection at rear of machine that can be connected to factory extraction system or to optional filtration unit
- Additional Oxy fuel Cutting Torches can be added depending on your requirements

AJANCAM SOFTWARE

Ajan is a globally known brand in metal cutting and machining. In software fields Ajan provides effective solutions to the customers with the self-developed nesting software named AJANCAM.

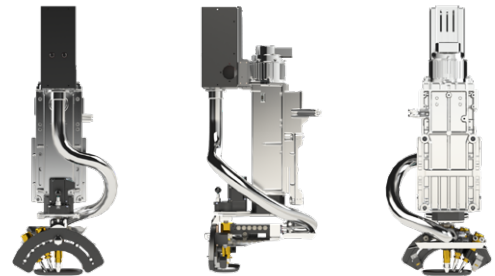
AJANCAM automatic nesting and optimisation software is easy to learn and practical to use. AJANCAM increases productivity providing quick and effective machining with less remnants. New versions of AJANCAM will be developed and release in consideration of customer satisfaction and their feedback.



MULTI-TIP GRID CUTTING TORCH

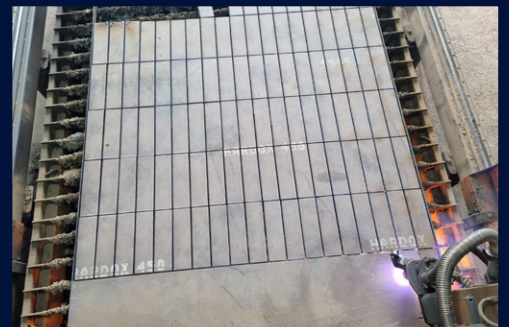
Multi-Tip Torches

The multi-tipped cutting head pre-heats the metal before the Oxy-Fuel head cuts cleanly through. This is integrated into a single cutting head, resulting in fast, clean, efficient cutting of assorted grid profiles.



"We can get bigger sheets on there, and as a result there are fewer offcuts, therefore reducing our costs. It is much faster and our clearing up time is much reduced compared to the old one - with the Ajan there is very little cleaning required. It has a bigger capacity, so we can fulfil more of our customer needs, do extra jobs above what we had the capability to do before."

James Silk - J. Silk Agricultural Co. Ltd



TECHNICAL SPECIFICATIONS

MODEL		1.5m x 3m	1.5m x 4m	1.5m x 6m
X Axis Stroke	mm	1500	1500	1500
Y Axis Stroke	mm	3000	4000	6000
Length	mm	5900	7250	9100
Width	mm	3365	3865	3865
Height	mm	TBA	TBA	TBA
Weight	kg	TBA	TBA	TBA

Looking for different bed sizes? The Ajan Plasma Table is modular by design, and can accommodate a wide range of sizes