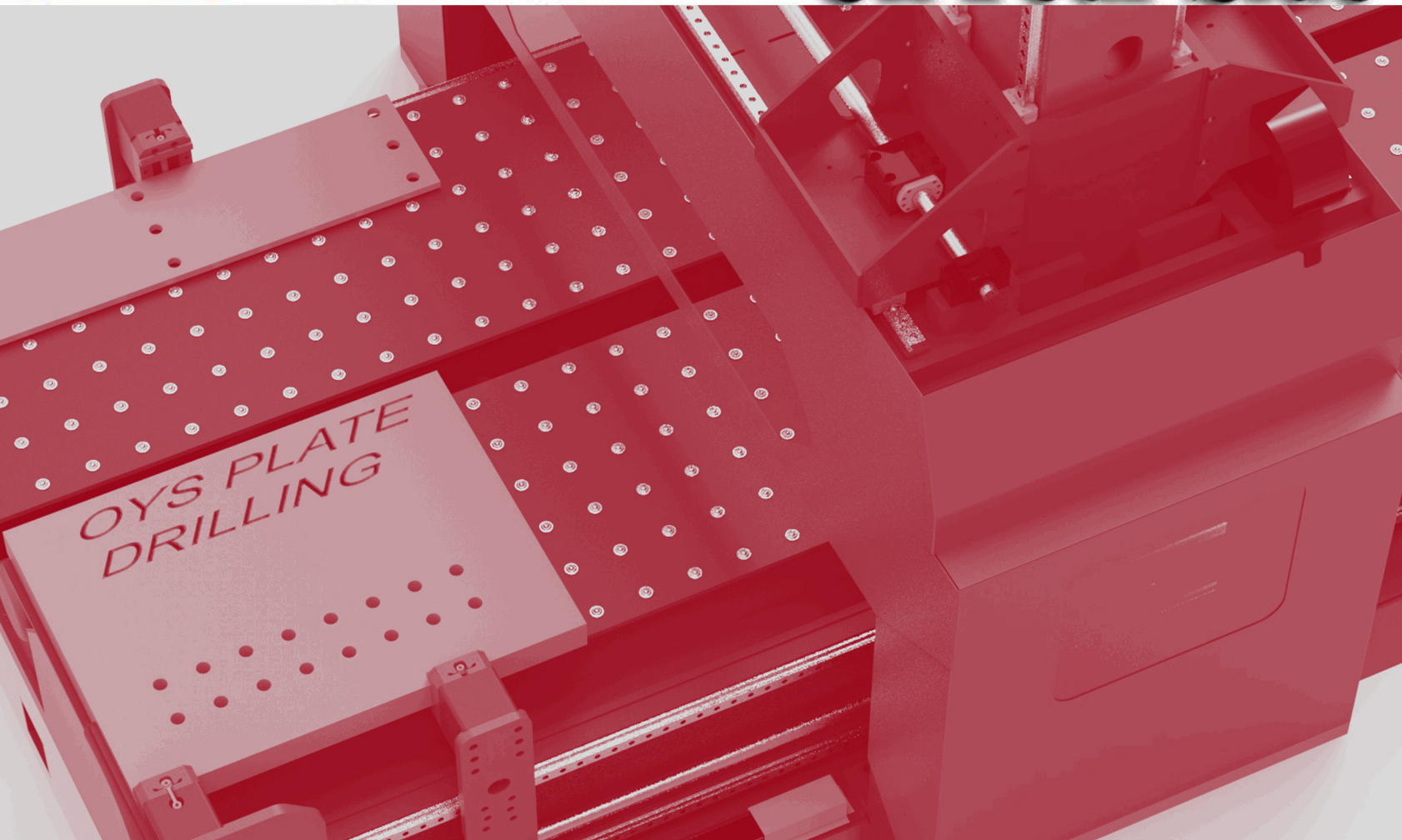


drilling machinery

**PLATE
DRILLING**

OYS  **On Your Side**



Professional Solutions

www.oysmak.com

**ELIMINATE COSTLY
WAITINGS AND MANUAL DRILLING PROCESS**

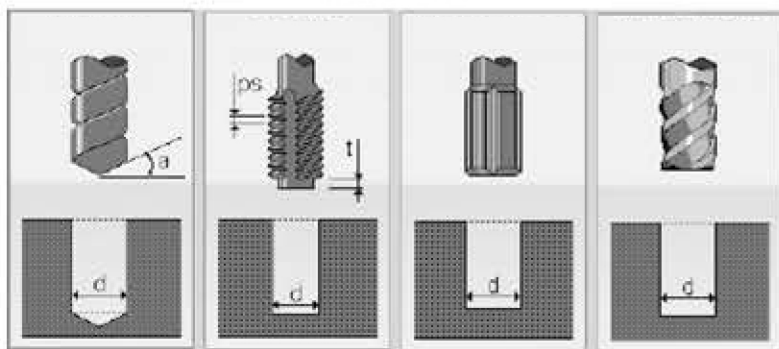
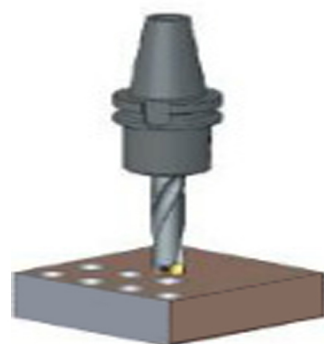
Quadrill has been especially design for structural steel fabricator to eliminate costly layout and manual operations to fabricate plates and connection flags and flanges quickly.

Expedite to drilling times through avoid human mistakes and operator waitings by placing the materail in four stations.

Quadrill is capable all below process

- Drill
- Tapping
- Counter-sinking
- Milling (Slot)

FOUR STATIONS
FOUR PARTS
ONE PERSON
FOUR TIMES FASTER OPERATION
AUTOMATIC TOOL CHANGER * 10 TOOLS

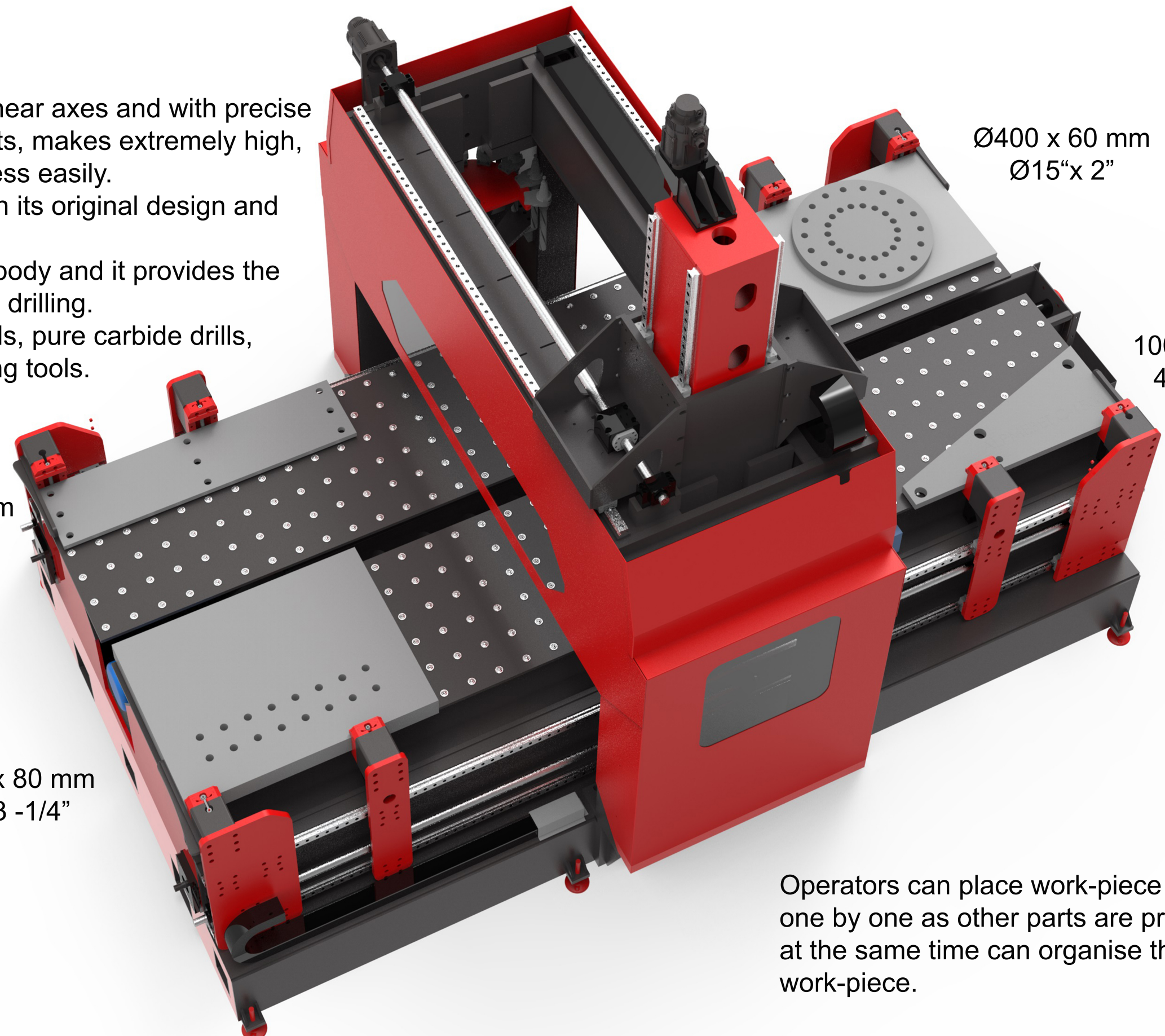


Quadrill is equipped with six linear axes and with precise servo motor driven screw shafts, makes extremely high, accurate and fast drilling process easily.

Designed monoblock body with its original design and patented design is 7500 kg.

The stability provided by rigid body and it provides the stability required in high speed drilling.

Drilling unit, carbide tipped drills, pure carbide drills, u-drill, threading, countersinking tools.



Ø400 x 60 mm
Ø15"x 2"

1000 x 400 x 40mm
40 x 15 x 2 -1/2"

300 x 1250 x 20 mm
12 x 50 x 25/32"

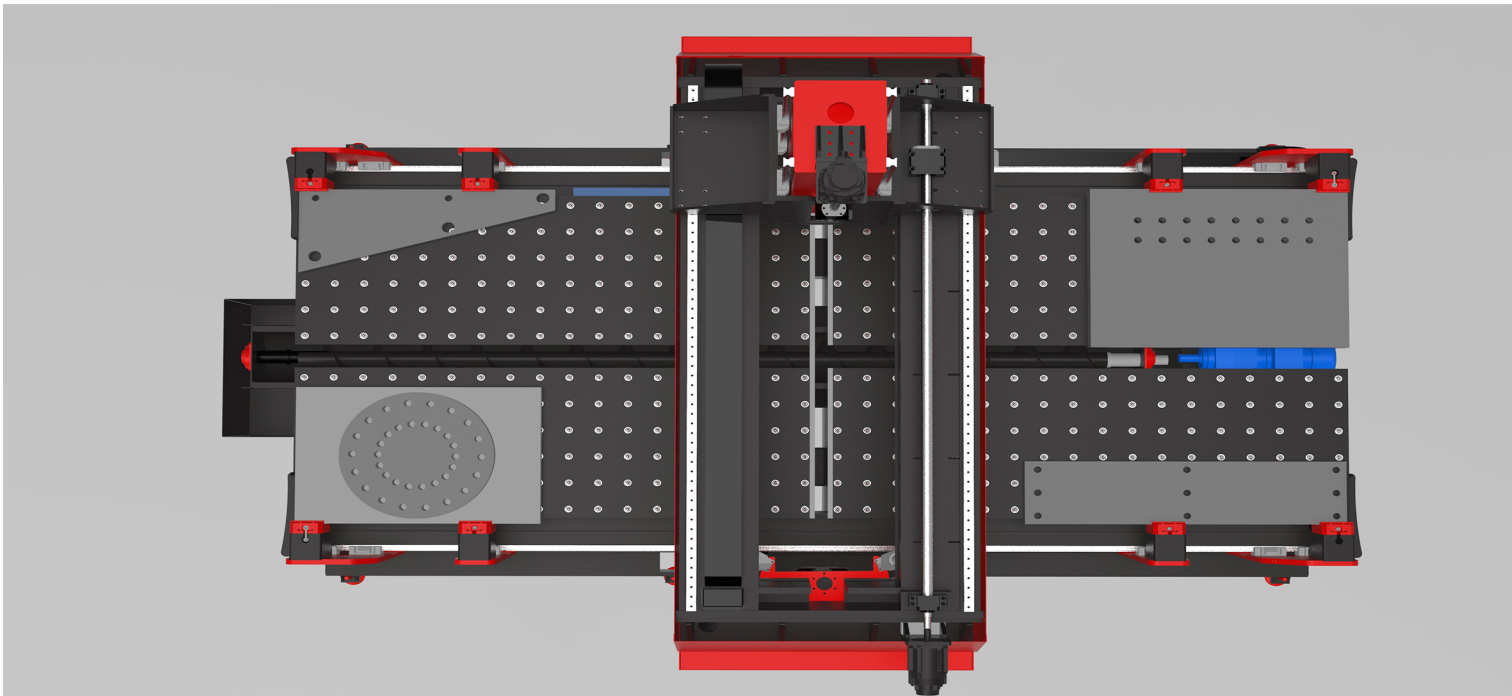
750 x 1000 x 80 mm
30 x 40 x 3 -1/4"

Operators can place work-piece each station one by one as other parts are processing and at the same time can organise the processed work-piece.

Auto Lube for moveable points

Built-in central auto-lubrication system allows for independent lubrication of 47 separate points.

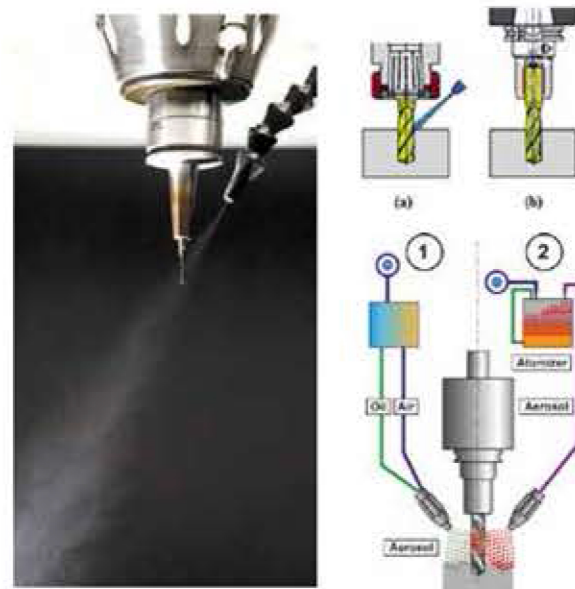
Working surfaces must be lubricated for efficient operation prolonger life working that helps under heavy duty load.



Longer tool life and Superior cut finish

Some advantages of MQL lubrication

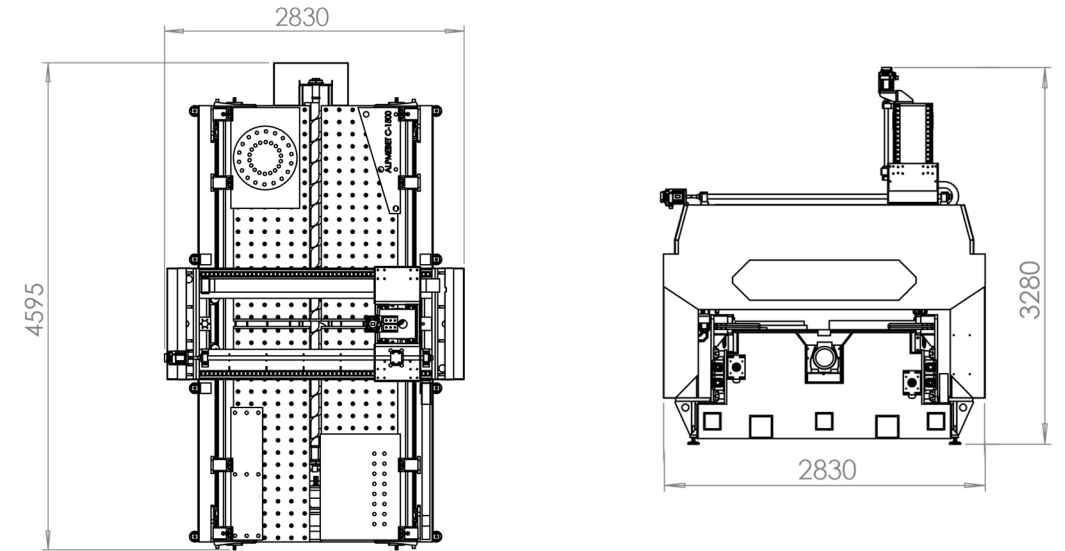
- 1- Eliminates the cleaning of workpieces.
- 2- Environmental impact of metal cutting fluid
- 3- Reduce the friction around 50% and heat.



Standard Features

- ~ 4 parts processing by independent stations.
- ~ 6 axes multisprocessing operation by drilling, tapping - c.sinking and scribing.
- ~ Fully automatic part processing
- ~ One ton capacity of part positioning
- ~ Category 5 full protection safety system
- ~ Online troubleshooting and connection from the office
- ~ Different languages English, German, Spanish, Arabic, etc.

*** FULLY DESIGNED AND REGISTERED MACHINE PATENT**

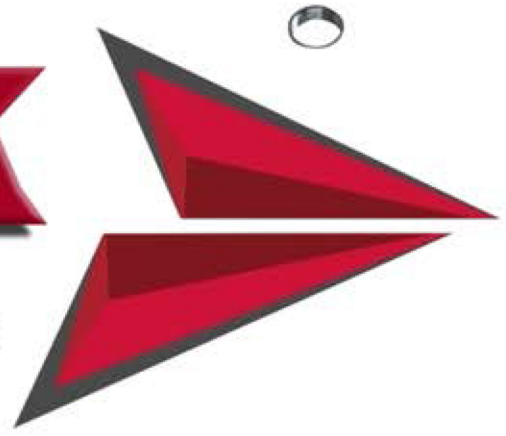


Specifications	QUAD DRILL	
Operation Range Single Station	mm	1500 x 1500 x 80
	inch	60" x 60" x 3 - 1/4"
Operation Range Double Station	mm	1000 x 1500 x 80
	inch	40" x 60" x 3 - 1/4"
Operation Range Quad Station	mm	1000 x 750 x 80
	inch	40" x 30" x 3 - 1/4"
Min. Plate Processing	mm	100 x 100 x 6
	inch	4" x 4" x 1/4"
Max Loading Capacity	kg	950
	lbs	2,090
Positioning and Drilling	Servo Motors	
Tool Changer	1 x 10	
Drill Holder	BT 40 - SK 40	
Drilling Unit	kW	11
	HP	15
Drill Diameter	mm	5 - 40
	inch	1/4 - 1,58"
Axes Speed X1 - X2 -X3 - X4	m/min	20
	f/min	65
Axes Speed Y	m/min	30
	f/min	100
Axes Speed Z	m/min	15
	f/min	50
Machine Weight	kg	7.500
	lbs	16,500



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DRILLING
MACHINERY

Factory

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