

# **GUN DRILLING MACHINE**

## **CBR-1800NC**

### **Specifications:**

Specifications \ Model		Unit	CBR-1800NC
Capacity for drilling	Diameter for drilling	mm	11780
	Max depth (Z Axis)	mm	1800
Working feed	Table horizontal (X Axis)	mm	1500
	Table vertical (Y Axis)	mm	1200
	Main spindle cross (Z Axis)	mm	1800
Horsepower	Spindle motor	kw	7.5
	Table horizontal motor	kw	3.3
	Head elevation motor	kw	3.3
	Feed motor	kw	2.1
	High pressure pump motor	kw	7.5
	Table lubrication pump motor	kw	0.09 AC Motor
Table feed speed	Table rapid speed	mm/min	3000
	Rapid speed (X,Y Axis)	mm/min	5000
	Rapid speed (Z Axis)	mm/min	0-500
Working table	Size for working table (lxW)	mm	2200x1200
	Table load weight	kgs	7000
Coolant system	Tank capacity	l	1200
	Pressure for high pressure pump	kg/cm <sup>2</sup>	105
	Dischange qty. for high pressure pump	l/min	54
	Dischange qty. for low pressure pump	l/min	90
	lubrication for working table	μ	75
Machine size		mm	6000x5000
Machine weight		kgs	21000
Total horsepower		kw	20
CNC system			SIEMENS802D

**Features:**

- It fits in working big work pieces of molding drilling field and fits in column nc drilling. The working table can take heavy weight and big size of mold and it is suitable for making the cooling holes and pin holes in the mold.
- The spindle is step less when the gun drilling is working and it is the most efficiency machine to work on it.
- Tough can work on the same workpiece with different deep holes. It is functional to work not only on one workpiece but also many workpiece.
- The nc design can maintain the workpiece in high accuracy, even under no one's control.