

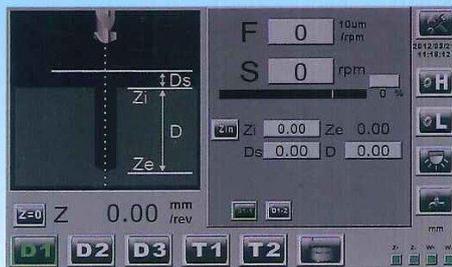
Radial Drilling Machine

FRD-1300NCH-III

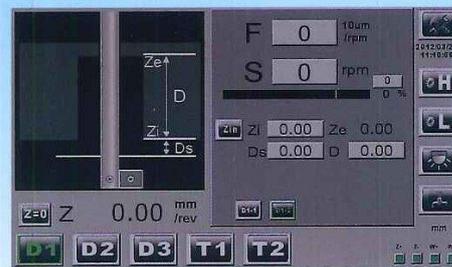
FRD-1600NCH-III



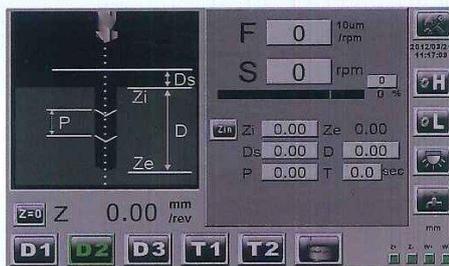
Beside basic drilling function,our machine also provides many other functions through simple dialogue setting as below.Our machine quill with DRO measuring machining depth can control the accuracy within 0.10mm.



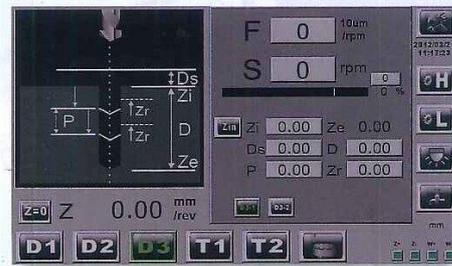
Auto Drilling



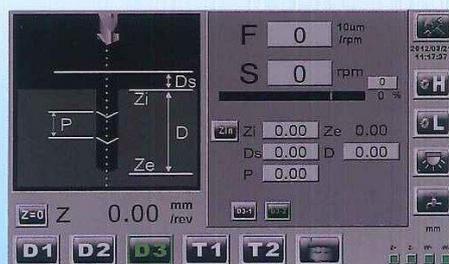
Auto Opposite Drilling



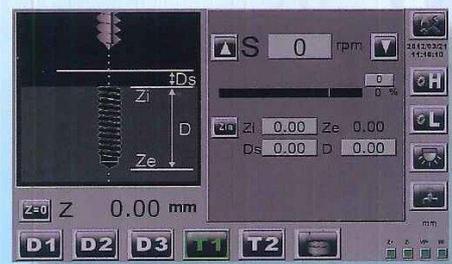
Auto Chips Cut Off



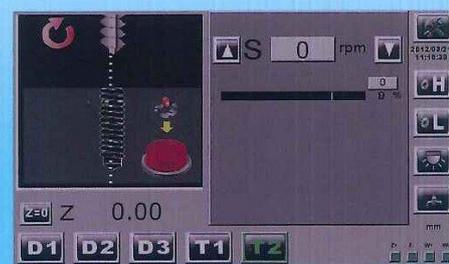
Auto Peak Drilling(changeable pulling distance)



Auto Peak Drilling(full pulling distance)



Semi-Auto Tapping



Random Tapping

Rotary Table(Optional)

By connecting our machine with rotary table,not only can have more precise accuracy, but also can fulfill automatic, repeating and rotating...etc.special needs.

Accuracy of Rotary Table:

Positioning Accuracy:50"

Repeatability Accuracy:5"



Setting original machining point and rotating point



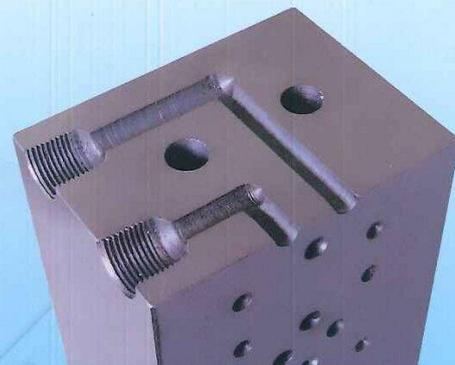
Setting any rotating angle and number



Setting number of holes in one rotation



Rotary table optional accessories



Accurate drilling matching points and accurate tapping depth

SPECIAL ADDITIONAL FEATURES:

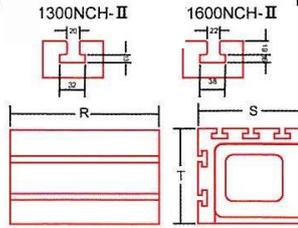
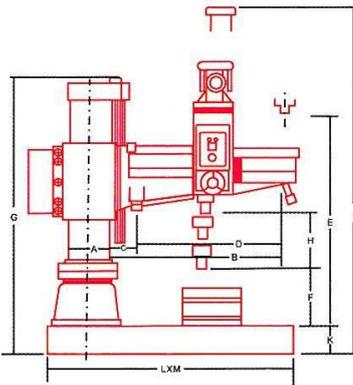
- 1.10" touch screen.
- 2.Allow changing spindle speed and feeding rate any time during operation.
- 3.The depth of drilling and tapping can be set and memorized by NC system.
- 4.Spindle motor has torque load setting for safety protection.
- 5.Operation friendly by using easy and understandable symbols on touch screen.
- 6.Can be connected to a rotary table for automatic continuously drilling operation.

Special accessories

NC round turning disk: ϕ 560mm
load 200kgs

特別配件

NC圓形旋轉盤 尺寸:560mm 載重200kgs



※Standard accessories:標準配件:

Tools ..1set	工具箱	x1組
Cooling pump 1set	冷卻系統	x1組
Lamp ..1set	工作燈	x1組
Table ..1set	方形工作檯	x1個

Unit:mm

ITEM型式 MODEL		FRD-1300NCH-III	FRD-1600NCH-III
Capacity 最大工作能量	Drilling鑽孔	Steel鋼	55
		Cast iron鑄鐵	66
	Tapping攻牙	Steel鋼	M50
		Cast iron鑄鐵	M60
Boring搪孔	Steel鋼	100	
	Cast iron鑄鐵	160	
Spindle stroke主軸上下行程		H	250
Size of morse taper主軸孔莫式推拔番號			5
Spindle speed主軸變速		H.L兩檔無段變速 (H.L variable speed by inverter) 20-1500RPM	H.L兩檔無段變速 (H.L variable speed by inverter) 20-1500RPM
Spindle feeds主軸進給範圍		DC驅動系統 DC motor impel system 1-800mm/min distance	DC驅動系統 DC motor impel system 1-800mm/min distance
Column diameter立柱直徑		A	300
Max.distance,column surface spindle center 立柱面至主軸中心最大距離		B	1250
Min.distance,column surface spindle center 立柱面至主軸中心最小距離		C	330
Horizontal travel of headstock主軸頭左右移動行程		D	915
Max.distance,base to spindle底座到主軸最大距離		E	1210
Min.distance,base to spindle底座到主軸最小距離		F	290
Overall height of column機械全高		G	2160
Machine height from floor機械最大高度		I	2585
Dimensions of base (LxMxK)底座尺寸			1800x800x170
Effective area of table (RxSxT)工作台有效區			650x500x410
Spindle drive motor (HP)主軸驅動馬達			5HP6P
Arm elevation motor (HP)旋臂驅動馬達			2HP
Coolant pump (HP)冷卻幫浦			1/8HP
Oil motor (HP)油壓馬達			1HP
Inverter變頻器			7.5HP
Touching control screen觸控螢幕			10"
Net weight-approx(kg)淨重			2150kgs
Gross weight-approx(kg)總重			2250kgs
Measurement(LxWxH)裝箱尺寸			2290x1100x2230
			2850x1210x2540

All specifications and designs are subject to change without notice.