

morgon®

Radial Drilling Machine



專利號碼: 244984
Patent No: 244984



1. Roller bearing at basement is built round a double column provides max. rigidity and accuracy.
2. Protection design for limited safety is utilized in every transmission section.
3. Bed is solid construction, it reinforced by rubs, it provided a positive, rocking proof foundation format, stability.
4. Spindle main gear are made of SCM material all through harden and precision grinding.
5. Precision heavy duty installation, easily precisely and instantly operation.
6. Precision heavy duty & electric system, independent control design, security for electricity supply system.
7. 7" touch screen
8. You can adjust the speed of spindle and feeding randomly during the operation.
9. The depth of drilling and tapping can be set and memorized randomly.
10. With auto chip break function.
11. Spindle motor has torque load setting for safety and protection.
12. With human operation for saving operation time, and lower the working time to increases effect.
13. This model can install rotary table for auto continuous drilling.

FRD-1600NCH



Z: -47.80

Auto Drilling

	Micro adjustment speed	Drilling Depth
1 %	1 %	50.00 mm
Feed Rate	0 mm/min	50.58 mm
Motor Overload Setting	Z sets Follow UP Ratio	Buffering Zone
50	40 %	2.00 mm
		Setting Position
		100.58 mm

Z: -47.80

Auto Chips Cutting off

Motor Overload	Micro adjustment speed	Drilling Depth
0 %	1 %	50.00 mm
50	Feed Rate	50.58 mm
0 mm/min	0 mm/min	Buffering Zone
2.00	Z sets Follow UP Ratio	2.00 mm
Long time of breaking chips	40 %	Setting Position
1.00		100.58 mm

特點

1. 本機之直立柱採雙柱設計、耐用、安全適合重切削。
2. 各部傳動皆有極限安全保護設計。
3. 底座是堅硬的結構，並經過精心設計的（肋骨）增強，它供應了一個確實的基礎，最大穩定性。
4. 主軸主要齒輪是以鉻組合金鋼做成，並且都是經過調質滲碳熱處理和精密的研磨。
5. 本機為精密油壓系統構成，方便操作，準確迅速。
6. 油壓系統與電器系統，採分離式設計，確保供電系統安全。
7. 7" 觸控螢幕。
8. 操作中可任意變換主軸轉速及進刀速度。
9. 鑽孔攻牙深度可任意設定及記憶。
10. 有自動斷屑功能。
11. 主軸馬達有扭力負載設定安全保護功能。
12. 操作人性化，節省操作時間，減少工時，提高效率。
13. 本機可連接轉盤，做自動連續鑽孔。

ITEM型式 MODEL				FRD-1300NCH	FRD-1600NCH
Capacity 最大工作能量	Drilling鑽孔	Steel鋼		55	55
		Cast iron鑄鐵		66	66
	Tapping攻牙	Steel鋼		M50	M50
		Cast iron鑄鐵		M60	M60
	Boring搪孔	Steel鋼		100	126
		Cast iron鑄鐵		160	186
Spindle stroke主軸上下行程			H	250	300
Size of morse taper主軸孔莫式推拔番號				5	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	336
Max.distance,column surface spindle center 立柱面至主軸中心最大距離			B	1250	1700
Min.distance,column surface spindle center 立柱面至主軸中心最小距離			C	330	400
Horizontal travel of headstock主軸頭左右移動行程			D	915	1310
Max.distance,base to spindle底座到主軸最大距離			E	1230	1420
Min.distance,base to spindle底座到主軸最小距離			F	540	260
Overall height of column機械全高			G	2160	2410
Machine height from floor機械最大高度			I	2585	3150
Dimensions of base (LxMxK)底座尺寸				1800x800x170	2370x940x220
Effective area of table (RxSxT)工作台有效區				650x500x410	800x540x400
Spindle drive motor (HP)主軸驅動馬達				5HP6P	5HP6P
Arm elevation motor (HP)旋臂驅動馬達				2HP	2HP
Coolant pump (HP)冷卻幫浦				1/8HP	1/8HP
Oil motor (HP)油壓馬達				1HP	1HP
Inverter變頻器				7.5HP	7.5HP
Touching control screen觸控螢幕				7"	7"
Net weight-approx(kg)淨重				2150kgs	3150
Gross weight-approx(kg)總重				2250kgs	3250
Measurement(LxWxH)裝箱尺寸				2290x1100x2230	2850x1210x2540

All specifications and designs are subject to change without notice.

本公司保留隨時修改上述規格之權利。

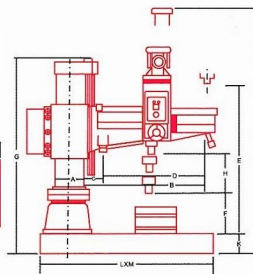
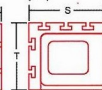
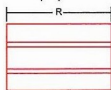
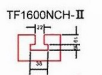
Special accessories

NC round turning disk: ϕ 560mm

load 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



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