POWERFUL-HYDRAULIC RADIAL DRILLING MACHINE

強力油壓旋臂鑽床

空 轉：
在校準工作物中心或卸換鑽頭時，押下空轉按鈕，則油壓裝置就將主軸驅動離合器鬆開，使主軸可以極輕便的空轉。

DRY RUN
When centering the work-piece or release the drill, press dry run button for the hydraulic driver and makes the dry run easily.

速度預先設定：
本機在作業進行中可將次一工作所需要的回轉速度預先設定好，屆時只要扳轉一手柄就能很快的自動完成變速，最完善的機種，提高了工作效率，並且任何人都能很簡易的操作使用。

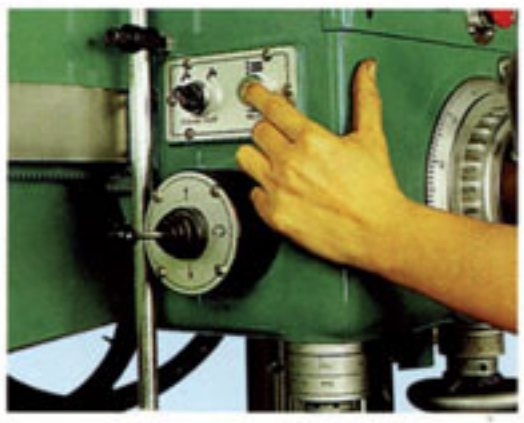
SPEED CAN BE PRESET
The machine can preset the rpm of the next operation during machining by turning around the handle, required speed will be reached automatically.

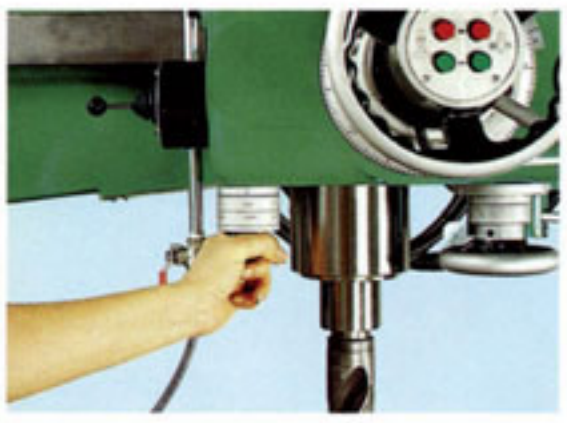
刀具柄退卸：
刀具柄退卸工作簡單快速，安全正確，只要押下按鈕就完成了，不僅很顯著的在刀具卸換中提高了工作效率，並且絕對不損傷到主軸或降低軸承精度，因而可長久保持機械的高度精密。

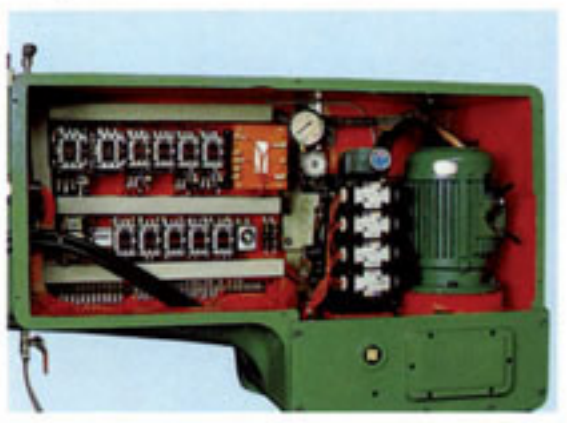
TOOL SHANK RELEASE
Tool shank can be easily and quickly released simply by pushing a button safe and efficient release increases working efficiency and will never damage the spindle or decrease bearing accuracy.

油壓夾緊系統：
本機採用比電氣夾緊式更為強力快速的油壓夾緊系統，以油壓操作完成強力快速的夾緊或鬆放動作。由於機柱及主軸頭的夾緊或放鬆以油壓操作，可控制連貫或分別動作，因此可以很容易進行標定位置的工作，這是在搪孔作業上最有利的特點。

HYDRAULIC CLAMPING SYSTEM
The machine adopts hydraulic clamping system to control the clamp and the release of spindle unit and column continuously or individually, it is ideal for positioning in boring operation.

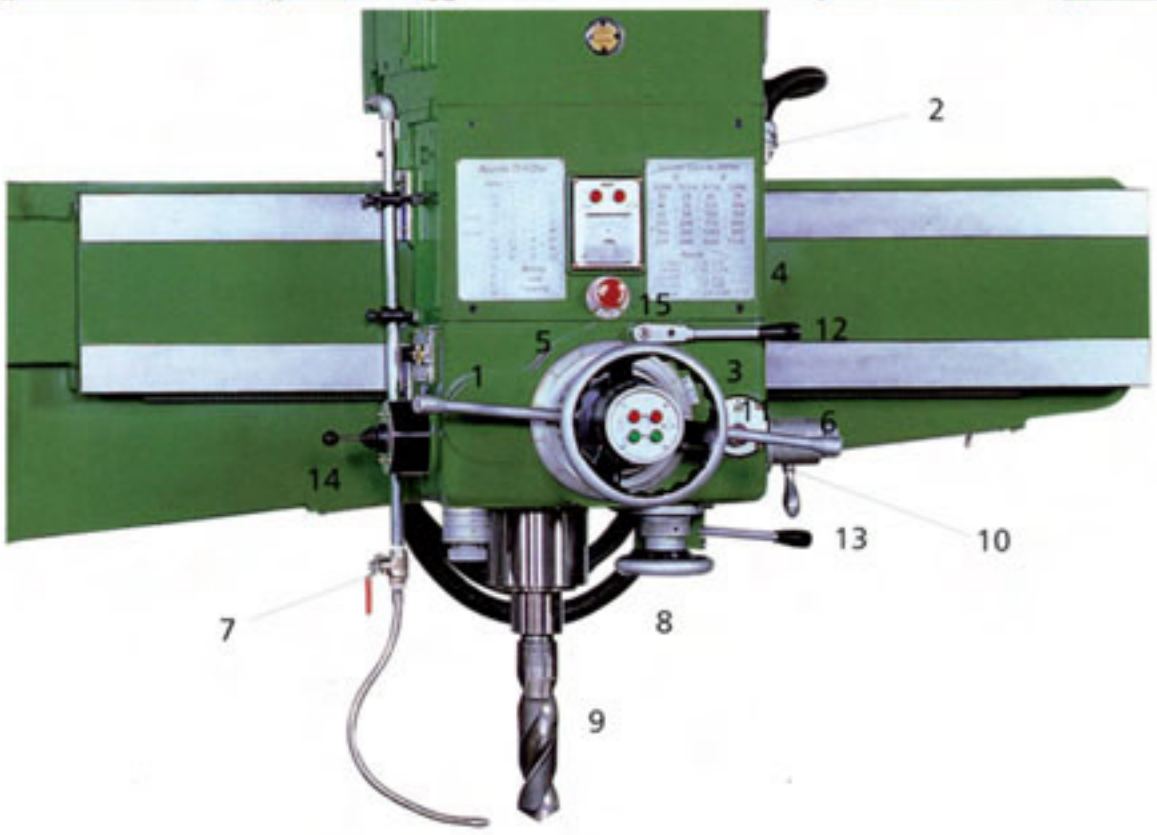






齒輪箱：
除了齒輪材料採用鉻鉬合金鋼外，並於滲碳硬化後，再做精密研磨以增強齒輪的強度，並確保其耐用性及可靠度。

GEAR BOX
Apart from the chrome molybdenum alloy material applied to the gears, the gears were processed through cementing hardening and precision gringind to increase gear strength, durability and reliability.



高剛性及耐重負荷：
重要鑄件採用米漢納鑄鐵，並有肋骨密佈，鋼性強韌，可耐重切削工作。

HEAVY DUTY AND HIGH RIGIDITY
The machine is made of meehanite casting and is constructed with rib strips for extra rigidity and ensure heavy duty machining.

1. 自動/手動進刀操作柄
2. 電流表
3. 主軸頭橫向移動手輪
4. 主軸回轉速/進刀量概算表
5. 進刀刻度盤
6. 主軸進刀量變換柄
7. 主軸回轉數變換柄
8. 精密手動進刀首輪
9. 主軸
10. 主軸頭、機柱夾緊按鈕
11. 鑽頭柄退卸按鈕
12. 主軸進刀離合器手柄
13. 主軸正逆轉操作及停止用離合器手柄
14. 旋臂升降及主軸馬達正逆轉、停止用開關
15. 緊急按鈕

1. Automatic / manual operated feeding handle
2. Current meter
3. Spindle cross moving handwheel.
4. Spindle RPM / Feeding chart
5. Handwheel dial.
6. Spindle feeding capacity changing handle.
7. Spindle rpm changing handle.
8. Manual fine feeding handwheel.
9. Spindle
10. Spindle and column clamping button.
11. Drill shank release button.
12. Clutch handle for spindle feeding.
13. Clutch handle for spindle rotating CW, CCW, and STOP.
14. Switch for radial arm lifting, spindle rotating CW, CCW, or STOP.
15. Emergency stop.