# CNC SPRING FORMING MACHINE

## NMCL-40

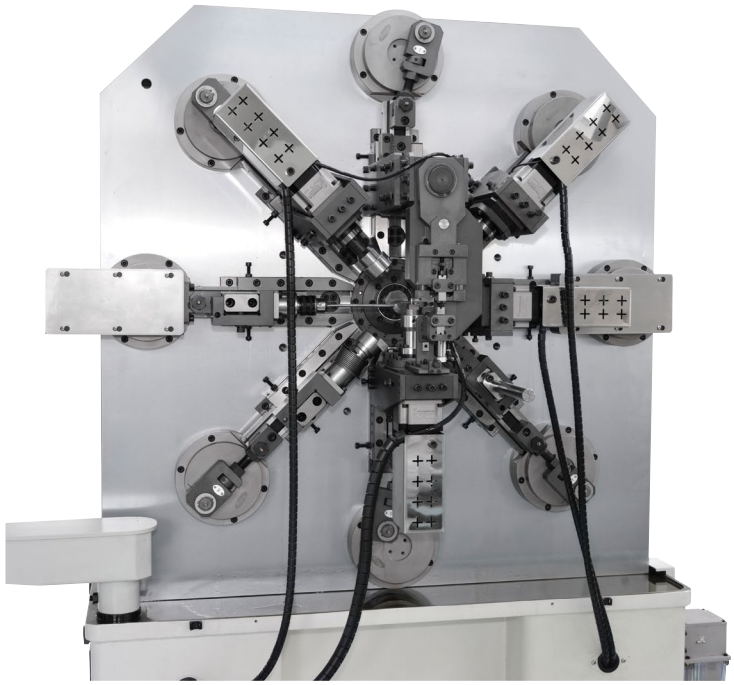


- 8포인트 툴을 운영하여 1사이클에 최소 8공정을 복합적으로 수행하므로 복잡한 제품의 대량생산에 유리하면서 가공시간이 단축
- 와이어 절단시 작용하는 반발력이 상쇄되도록 서브모터와 와이어성형부가 이격설계되어 과부하로 인한 장비 손상 방지 및 유지보수 주기가 연장됨
- 가공공정별 특성을 고려한 각각의 툴 배치로 가공 완료된 제품 배출이 걸림장애 없이 원활
- All Servo 타입으로 대기 중 불필요한 에너지 소모를 방지하고, 소음 및 진동이 감소되어 작업환경이 쾌적하게 유지됨

- By operating of 8 poin tool, it carried out at least 8 process in a single cycle complexly , working time is reduced and suitable for complicaed shape on mass production
- Because it is designed for offsetting a repulsive force acted upon the wire cutting, so that it extends the maintenance cycle and prevents equipment damage from overloading
- Tool arrangement of considering characteristics of each machining process enable to dischare finished products smoothly without entangleing disorders
- By alll Servo type, preventing unnecessary energy consumption during waiting time, noise and vibration are reduced to maintain pleasant working environment







## NMCL-25

| | | |
|---|---|---|
| 가공선재(Capacity) | 강선(Hard wire) | 0.8mm~2.5mm |
| 전원(Power) | | 3상 AC 220V (3Phase AC 220V) |
| 전체소모전력(Total Installed Power) | | 10(kW) |
| 크기(Dimension) | | 1,310(W) * 1,850(L) * 1,760(H) |
| 중량(Weight) | | 2,600Kg |
| 서보 축(Servo Axis) | | 11 Axis |
| Feeding | | 3.0kW 1000rpm |
| Rotation | | 4.4kW 1000rpm |
| Working slide | | 2.0kW 1000rpm |
| Quill spin | | 0.8kW 3000rpm |
| 언코일러(Uncoiler) | | 1.5t |

## NMCL-35

| | | |
|---|---|---|
| 가공선재(Capacity) | 강선(Hard wire) | 1.0mm~3.5mm |
| 전원(Power) | | 3상 AC 220V (3Phase AC 220V) |
| 전체소모전력(Total Installed Power) | | 20(kW) |
| 크기(Dimension) | | 1,560(W) * 2,080(L) * 2,056(H) |
| 중량(Weight) | | 3,550Kg |
| 서보 축(Servo Axis) | | 11 Axis |
| Feeding | | 4.4kW 1000rpm |
| Rotation | | 4.4kW 1000rpm |
| Working slide | | 2.0kW 1000rpm |
| Quill spin | | 0.8kW 3000rpm |
| 언코일러(Uncoiler) | | 1.5t |

## NMCL-40

| | | |
|---|---|---|
| 가공선재(Capacity) | 강선(Hard wire) | 1.0mm~4.0mm |
| 전원(Power) | | 3상 AC 220V (3Phase AC 220V) |
| 전체소모전력(Total Installed Power) | | 20(kW) |
| 크기(Dimension) | | 1,560(W) * 2,080(L) * 2,056(H) |
| 중량(Weight) | | 3,550Kg |
| 서보 축(Servo Axis) | | 11 Axis |
| Feeding | | 4.4kW 1000rpm |
| Rotation | | 4.4kW 1000rpm |
| Working slide | | 3.0kW 1000rpm |
| Quill spin | | 0.8kW 3000rpm |
| 언코일러(Uncoiler) | | 1.5t |