



欽揚科技股份有限公司
CHINUP TECHNOLOGY CO., LTD.

SERIES

**AUTOMATIC TRAVELING HEAD HYDRAULIC
DIE-CUTTING MACHINE**



HEAD DIE-CUTTING

Achieve the best yield to save your material Increase productivity to enhance your competition capability

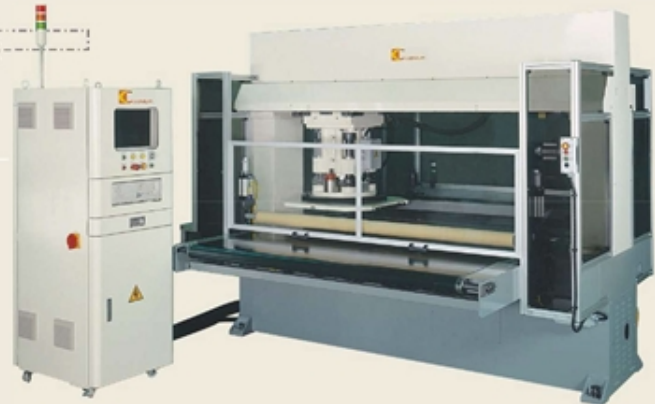
KEY FEATURES:

- Two or three axis servo motor positioning system, position accuracy $\pm 0.1\text{mm}$. The traveling head is driven by a servo-drive ball screw.
- PC based control system with 9999 cutting programs memory for different die shape, program and die change within 5 minutes.
- Optional rigid stop rods with digital readout ensures positive mechanical restriction of the bottom stroke.



NC-30

- 30 metric tons
- Manual 4 post mechanical stops
- 360 degree rotating head
- X and Y-axis are driven by servo-drive ball screws to ensure positioning accuracy.
- Inboard clamp beam combined with a conveyor belt feeding system
- Outboard pneumatic pinch roll feeder combined with a conveyor belt



NC-30

- 30 metric tons
- Manual 4 post mechanical stops
- 360 degree rotating head
- X and Y-axis are driven by servo-drive ball screws to ensure positioning accuracy.
- Cutting against belt with clamp beam feeding system



NC-40

- 40 metric tons
- Manual 4 post mechanical stops
- 360 degree rotating head
- Punch slug box under head
- Motorized incremental feed system with a pneumatic pad clamping device
- Laser projector for material loading position



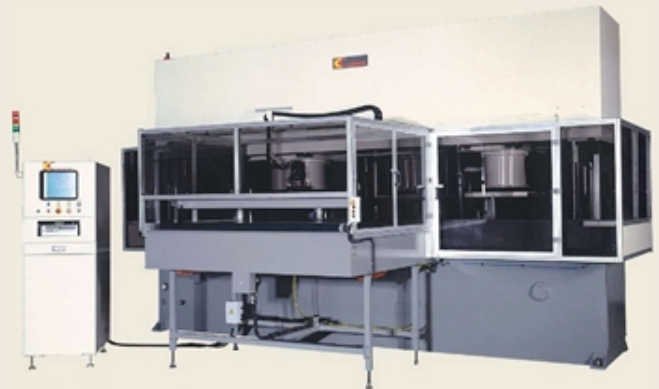
NC-60



- 60 metric tons
- With full head machine construction
- 360 degree rotating head
- Manual 4 post mechanical stops
- Inboard clamp beam combined with a conveyor belt feeding system
- Outboard clamp beam combined with a conveyor belt feeding system
- X and Y-axis are driven by servo-drive ball screws to ensure positioning accuracy.

NC-60

- 60 metric tons
- With full head machine construction
- **Twin traveling heads to achieve the best yield**
- 360 degree rotating head
- Manual 4 post mechanical stops
- Inboard clamp beam combined with a conveyor belt feeding system
- Outboard clamp beam combined with a conveyor belt feeding system
- X and Y-axis are driven by servo-drive ball screws to ensure positioning accuracy.



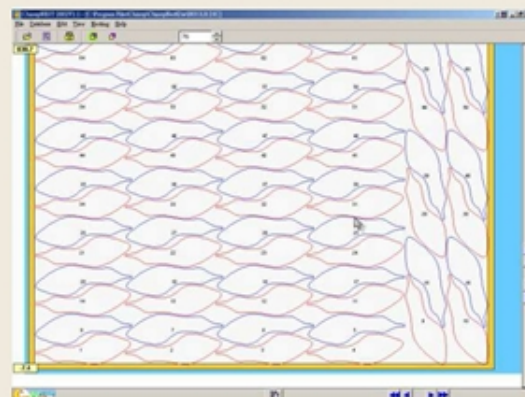
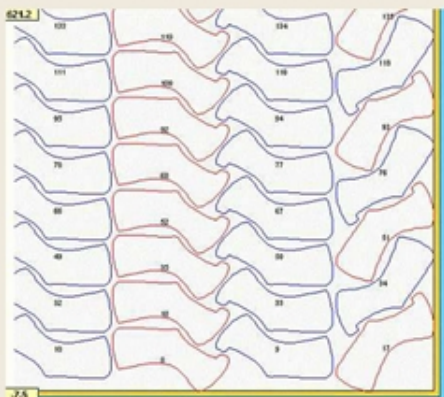
AD-60

Special design for abrasive disc cutting

- 60 metric tons
- With full head machine construction
- Two roll tension adjustable material stand
- Material auto edge tracking unit
- An independent pinch roll feeder with lazy loop control and dancing roller to unwind the roll material
- Synchronized inboard and outboard clamp beam feeding system driven by air cylinders
- Slug box under the head
- Manual 4 post mechanical stops
- Pad shifter
- Touch-screen operator interface
- Outboard cut parts delivery conveyor
- Optional knockout unit is available



Optional Chinup Windows version nesting software is available to achieve the best material yield through computer auto nesting. Material saving is up to 20% and more.



RANGE OF APPLICATION :

- Textile
- Plastics
- Rubber
- Foam
- Composites
- Paper
- Paperboard
- Wood
- Leather
- Cork
- Felt
- Gasket
- Filters
- Abrasives
- Shoe component
- Sponges
- Packaging
- Shoulder pad
- Caps
- Linings
- Shirt collars
- Box
- Brassieres
- Floor mats
- Carpets
- Toys
- Medical supplies
- Other suitable material

Specifications:

Model	NC-25	NC-30	NC-40	NC-60	NC-80
Cutting force	25 tons	30 tons	40 tons	60 tons	80 tons
Cutting stroke	130 mm	130 mm	130 mm	110 mm	110 mm
Open daylight	30 - 160 mm	30 - 160 mm	30 - 160 mm	30 - 140 mm	30 - 140 mm
Main motor	3 Hp	5 Hp	5 Hp	7.5 Hp	10 Hp
Traverse speed	1000 mm/sec.	1000 mm/sec.	1000 mm/sec.	1000 mm/sec.	1000 mm/sec.
Down speed	183 mm/sec.	145 mm/sec.	145 mm/sec.	200 mm/sec.	200 mm/sec.
Up speed	206 mm/sec.	133 mm/sec.	133 mm/sec.	235 mm/sec.	158 mm/sec.
Cutting head size	500*500 mm or more	500*500 mm or more	500*500 mm or more	500*500 mm or more	500*500 mm or more
Machine bed	500D*2100W mm or more	500D*2100W mm or more	500D*2100W mm or more	760D*2300W mm or more	760D*2300W mm or more
Dimensions	2640W*740D*2100H mm	2640W*740D*2200H mm	2640W*740D*2300H mm	3130W*1450D*2200H mm	3130W*1450D*2400H mm
Net weight	2500 kg	2700 kg	3000 kg	4000 kg	4300 kg

① The above are the basic standard specifications. Special specifications are available upon request.

② Dimensions and weights are for main machine body only without feeder.

③ Open daylight is measured from beam to bed, effective open daylight need to deduct thickness of die, cutting pad and feeder.



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