

Manual-operation Mass-production Cutter



N-7 · General-purpose type · Special-purpose type for pins



A cutting machine with a rack-type lever that uses the table travel cutting method and which provides easy precision cutting of bars of a diameter of up to $\phi 30\text{mm}$. The dedicated air vise (option) provides superior productivity and operability in the mass-production of consistent size materials.

Characteristics

- 1 High power with 1.5kW spindle motor; cuts up to 30mm bars precisely and at high speed.
- 2 Equipped with a cut meter that displays the cutting load. The cut meter aids in adjusting the cutting amount.
- 3 Equipped with vernier scale. Allows the position of the material to be fine-adjusted easily.



General-purpose type vise

Double clamp system that reduces burrs and which is provided with a 3mm-depth cutting wheel passage. Effective cutting length: 3-150mm. Equipped with a 150mm vernier scale on the right-hand side.



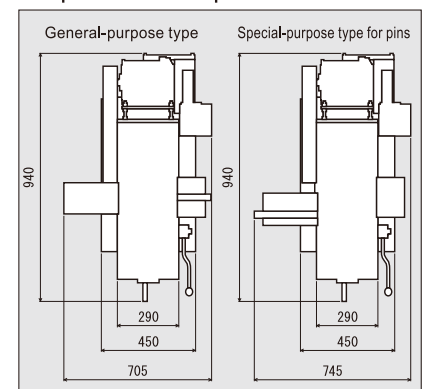
Special-purpose type vise for pins

Designed exclusively for the extruding pins of die. Cut measurements available from 50mm to 300mm and equipped with a 300mm vernier scale on the left-hand side.

Standard Specifications

	N-7
Standard cutting capacity	□pipe 30mm, ●solid bar 30mm
Jaw opening size	0-30mm
Table travel	Manual rack and pinion
Spindle revolutions per minute	3000rpm・50Hz/60Hz
Diameter of cutting wheel	$\phi 205\text{mm}/\phi 25.4\text{mm}$
Spindle motor	AV200V・3 phase・2P・1.5kW
Coolant pump, Tank	AV200V・3 phase・40W, 30liters
Dimensions (W x L x H)	850mm x 780mm x 1170mm
Machine weight	98kg
Accessories	1 set of vernier scales, material support side tables, 1 set of cutting wheels for testing, FINECOOL, and 1 set of Paper Filters

Required floor space



Cutting Counseling Service



FAX
TO: HEIWA TECHNICA,
FINE CUT SALES
81-(0)46-255-5840

If you have any inquires, please feel free to contact us!
Please copy this page and fill up following:

Name _____

Company name _____

Department _____

Address _____

Country _____

TEL : _____ FAX : _____

e-mail : _____



•Please select as below:

- Send your products catalogue
- Select a suitable cutting machine
- Select a suitable cutting wheel
- Would like to see demonstration
- Free test-cutting my work piece and provide test-cutting data
- Paid test-cutting my work piece and provide test-cutting data
- Any other requests

• Please inform us current cutting method (→New)

• Purpose of cutting

- QC, Checking, study
- Production

QTY _____

Work piece, conditions

Material	
Size	
Precision	
Machine, model name	
Current cutting wheel	
Process condition	

•Please write your concerns as bellows:

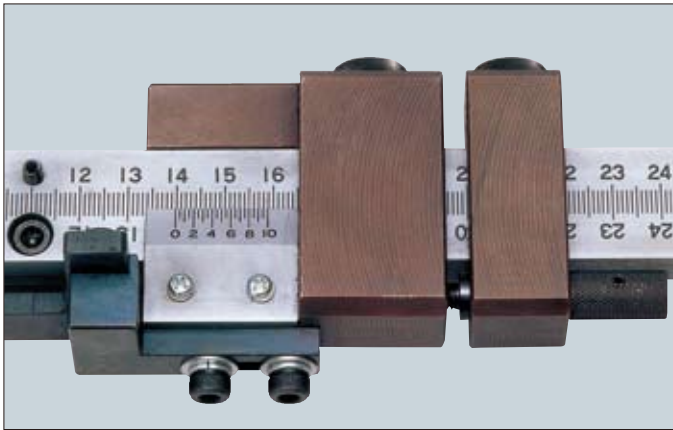
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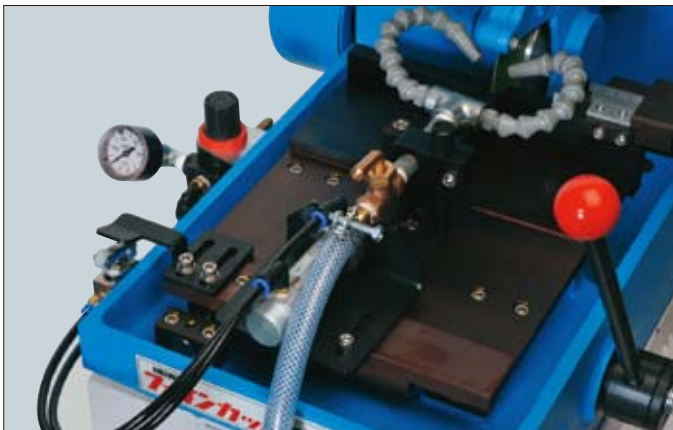


Vernier scale

- * General-purpose type includes 150mm scale as standard equipment
(optional specifications: 300mm and 500mm)
- * Special-purpose type for pins includes 300mm scale as standard equipment
(optional specification: 500mm)

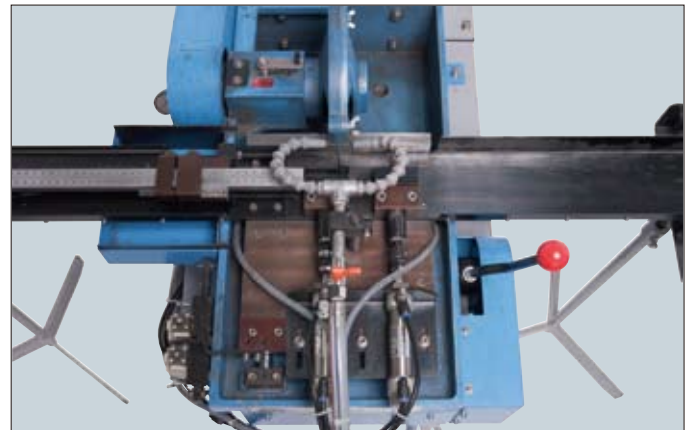


A low voltage protection switch with a thermal feature is adopted



Special Accessory Air Vice (Single Clamp)

Working with the cutting operation of a lever the vise automatically clamps and unclamps pieces of work using air pressure. Very effective in mass-production cutting as it eliminates the necessity of holding pieces of work with your hands.



Special Accessory Air Vice (Double Clamp)

フイネット N-7 Sample Application



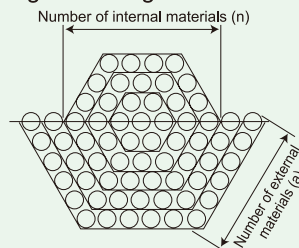
Sample Cutting

Bundle Cutting

Place fine materials such as injection needles or materials to be cut in a thermal shrinking tube, heat the tube to shrink and thus bundle the materials, and then cut them in one go.

- * Please use an industrial dryer or boiling water for the heating process.
- * Please contact us for more detailed product information on the tubes.

Regular hexagonal bundle



Total Number	Number of internal materials inside (n)	Number of external materials (a)
7	3	2
19	5	3
37	7	4
61	9	5
91	11	6

Parts name (nominal folding width: mm)	Applicable bundle diameter (mm)	Code No.
29.0	17.0	HC-15
41.0	24.0	HC-20
50.0	29.0	HC-25
59.5	34.0	HC-30
66.5	38.0	HC-35