

No. GT-NY25

# Sliding Air Nippers



These are high-class air nippers that can be mounted on gate cutting equipment and standby jigs for accurate, speedy cutting of resin products. VESSEL has a wide selection of items to meet a variety of needs not only for around-the-clock operations but also for the highly precise cutting accuracy.




**No. GT-NY25**

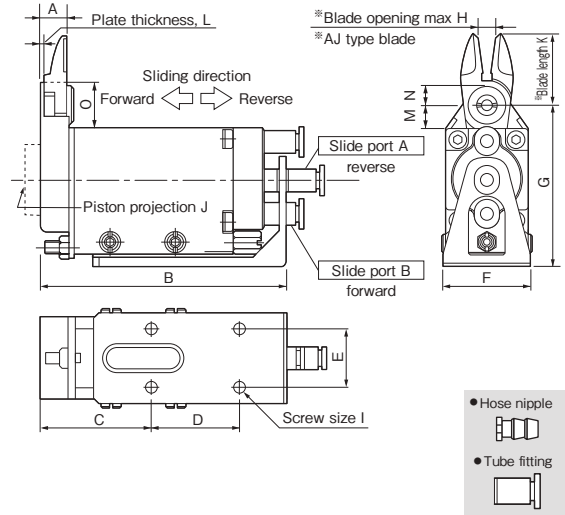
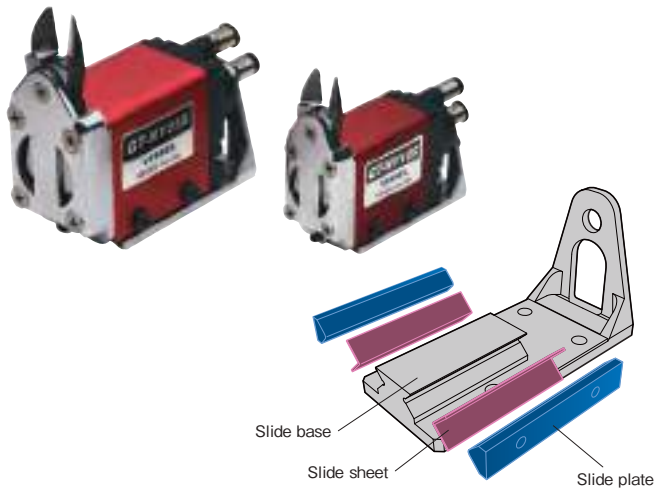
## Sliding Air Nippers Horizontal-Type

The horizontal slide enables space to be utilized effectively. The low profile of the nipper body allows objects to be removed from the machine without obstructing the operations of the chuck plate.



**No. GT-NY10S/25S Double Action Sliding Air Nippers**

- The springless slide construction of the main unit ensures smooth movement. 
- V-groove slide base has been employed for high precision positioning.




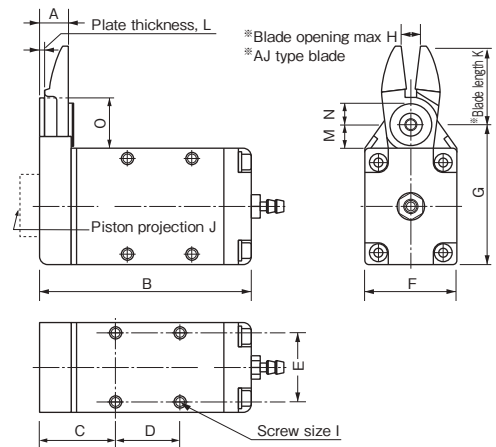
**Reference**

| Capacity $\phi$ (mm)<br>Soft Plastic Hard Plastic | Model No. | Size (mm) |       |    |    |    |    |    |   |    |   |    |     |      |      | Air Consumption<br>(cni /str.) | Weight<br>(g) | Slide Distance<br>(mm) | Hose Port | EDP No.  |        |
|---|-----------|-----------|-------|----|----|----|----|----|---|----|---|----|-----|------|------|--------------------------------|---------------|------------------------|-----------|--|--------|
|   |           | A         | B     | C  | D  | E  | F  | G  | H | I  | J | K  | L   | M    | N    |                                |               |                        |           |  | O      |
| 3.5 2.3   | GT-NY10S  | 8.8       | 84.5  | 38 | 30 | 20 | 32 | 55 | 6 | M4 | 5 | 24 | 1.6 | 7.5  | 6.25 | 15.5                           | 68            | 300                    | 0~3.5     | W/tube fitting<br>Hose I.D. $\phi 2.5 \times \text{O.D. } \phi 4$ mm | 360731 |
| 5.0 3.4   | GT-NY25S  | 12.5      | 106.5 | 47 | 40 | 30 | 47 | 72 | 9 | M5 | 2 | 31 | 2.5 | 10.5 | 7    | 20.5                           | 184           | 695                    | 0~5.0     | W/tube fitting<br>Hose I.D. $\phi 4 \times \text{O.D. } \phi 6$ mm   | 360732 |

※Capacity indication shows the reference value when a standard blade is mounted. Values vary depending on the blade shapes and type of cut objects.  
 ※K (blade projection) and H (maximum blade opening) indicate the dimensions when a standard blade (AJ type) is mounted.  
 ※Air Pressure...NY10S: 0.4~0.5MPa / NY25S: 0.5~0.6MPa

**No. GT-NF05/10/15 Type-F Air Nippers**

- These compact, lightweight nippers have been designed for easy mounting inside equipment and to enable secure mounting under high-density mounting conditions. 



**Reference**

| Capacity $\phi$ (mm)<br>Soft Plastic Hard Plastic Copper Steel | Model No. | Size (mm) |      |      |    |    |    |      |   |      |   |    |     |     |      | Air Consumption<br>(cni /str.) | Weight<br>(g) | Hose Port | EDP No.                     |        |
|--|-----------|-----------|------|------|----|----|----|------|---|------|---|----|-----|-----|------|--------------------------------|---------------|-----------|-----------------------------|--------|
|  |           | A         | B    | C    | D  | E  | F  | G    | H | I    | J | K  | L   | M   | N    |                                |               |           |                             | O      |
| 3.0 2.0 1.6 1.0  | GT-NF05   | 8.6       | 59.9 | 21.9 | 17 | 18 | 23 | 39.5 | 4 | M3   | 3 | 22 | 1.6 | 8.4 | 6.25 | 16.4                           | 43            | 101       | W/hose nipple               | 360606 |
| 3.5 2.3 1.7 1.1  | GT-NF10   | 8.8       | 65.1 | 23.1 | 20 | 22 | 28 | 43.5 | 6 | M3.5 | 5 | 24 | 1.6 | 7.4 | 6.25 | 15.4                           | 63            | 143       | Hose I.D.                   | 360607 |
| 4.0 2.6 1.8 1.2  | GT-NF15   | 10.2      | 73   | 25   | 25 | 26 | 33 | 48.5 | 8 | M4   | 5 | 27 | 2   | 7.4 | 6.25 | 16.4                           | 128           | 219       | $\phi 2.5 \times \phi 4$ mm | 360608 |

※Capacity indication shows the reference value when a standard blade is mounted. Values vary depending on the blade shapes and type of cut objects.  
 ※K (blade projection) and H (maximum blade opening) indicate the dimensions when a standard blade (AJ type) is mounted. Mounting screw for NF10 (M3.5) is regarded as spare part.  
 ※Air Pressure...0.4~0.5MPa

**List of Blade Springs**

| EDP No. | Size (mm)   |                    | Material | Applicable Models |
|---------|---|--------------------|----------|-------------------|
|         | Wire Dia. x O/D x Free Length + Pitch (or No. of Turns) |                    |          |                   |
| 859116  | $\phi 0.4 \times \phi 3.6 \times 10$                    | No. of Turns 7.5T  | SUS      | NY03G             |
| 859111  | $\phi 0.5 \times \phi 3.8 \times 11$                    | P=1.5              | SWP      | NY05              |
| 859115  | $\phi 0.4 \times \phi 3.6 \times 16.5$                  | No. of Turns 11.5T | SUS      | NY10, NY15        |
| 859114  | $\phi 0.6 \times \phi 5.2 \times 17$                    | No. of Turns 10.5T | SUS      | NY25              |
| 859110  | $\phi 0.5 \times \phi 3.8 \times 14$                    | P=1.5              | SWP      | NT03, NT05        |
| 859112  | $\phi 0.8 \times \phi 5.2 \times 17$                    | P=2.0              | SWP      | NT10              |
| 859113  | $\phi 0.8 \times \phi 5.5 \times 23$                    | P=2.0              | SWP      | NT20              |

※Blades are optional. Note that a forward or a backward-facing blades are respectively available.