



TIPPER TIE™

## Signature Gate Series

Table Clipper



Versatility and reliability for a variety of products and packaging types.

# TIPPER TIE Signature Gate Series Table Clippers

## Product Advantage

TIPPER TIE's stainless steel Signature Gate Series clippers provide one step closing and clipping of bags and casings for a variety of food products, including meats, cheeses and poultry products.

These gate actuated clippers accommodate a wide range of products, from small poultry packaging to fibrous, collagen, plastic and bulky animal casings. A strong and secure closure is applied with a single, smooth motion by the operator.

Whether vertically or horizontally mounted, the Signature Gate Actuated line performs the following:

- Gathers and shapes (voids) the neck of the bag
- Applies a secure seal
- Trims excess bag tail from the product (excludes no-knife models)

A variety of standard features add value including an air filter regulator for less maintenance, and optional spooled clips to minimize reloads. For a simple, cost-efficient solution for your clipping operation, look to the Signature Gate Series.

## Applications

- Casing, bags and netting
- Sausage, meat and poultry products
- Live fish
- Liquids, soups
- Bulky products including whole turkeys and other meats
- Fibrous, collagen or plastic casing

## Technology

- Stainless steel /non-corrosive materials construction
- Designed to meet AMI standards
- Air driven
- Precise control over clip closure pressure
- Minimal machine maintenance
- Variety of clip sizes available
- Vertical and horizontal models available
- Adapts easily to existing production lines

Both the 100 and 400 Series clippers use a power-driven cut-off knife for smooth bag tail trimming (knife models only) and an adjustable crimp control that allows the operator to tighten or loosen the clip.



They are designed to provide one-step closing of medium-sized bags for a variety of food products, such as beef, poultry, cheeses, or a wide assortment of non-food products.

SZ4157L (vertical) are clippers designed to close the biggest and heaviest bags. Both models are available with a quick exhaust kit and suitable for the largest bags when you need the best seal.

### 100 Series

Models SC187L and SC187LNK are vertical mount, pneumatic clippers. SC187LNK is a no-knife model. Models SF187L and SF187LNK are horizontally mounted. Model SF187LNK is a no-knife model. 100 Series clippers can be stick or spooled clip configured. All 100 Series clippers use 100 series clips.

### Premium Quality Clips

High-quality clips are essential to a successful clip closure. TIPPER TIE clips are manufactured from a special aluminum alloy and are held to exacting specifications that exceed those from the general wire industry. The dimensions of all TIPPER TIE clips are kept within very tight tolerances, ensuring a perfect closure every time. Furthermore, clip leg ends are radiused and lubricated to ensure that both clip legs form simultaneously and uniformly as the clip gathers the packaging materials. The result is a clip that closes smoothly and securely every time.

### 400 Series

The 400 Series are designed to operate with stick clips. An optional kit is available for most models to convert the stick clip assembly to a spooled clip. Model SC487 is a vertical-mount, pneumatically-operated clipper. Left and right handed models are available. SC487LNK is a left handed model that offers a no-knife option. Model SF487L is a horizontal clipper. Model SF487LNK is a left handed model that offers a no-knife option.

### Z 400 Series

Models SZ4155 L (horizontal) and



# TIPPER TIE Signature Gate Series Table Clipper Specifications

## Model Selector

	Cross Over	Gate left vertical	Gate right vertical	Gate left horizontal	No knife	Pneumatic knife	Stick	Spool	Weight	FRL (Filter Lubricator)	Machine Name
100 Series	✓	✓		✓	✓	✓	✓	✓	✓	✓	SC187L, SC187LNK, SF187L, SF187LNK
400 Series	✓	✓	✓	✓	✓	✓	✓		✓	✓	SF487L, SF487LNK, SC487L, SC487R
Z400 Series	✓	✓		✓		✓	✓		✓	✓	SZ4155L, SZ4157L

## Specifications: 100 Series

### SC187L/LNK

7.9 Liters per cycle at 5.5 Bar  
80-90 PSI (5.5-6.2 Bar)  
100-Series Stick Clips  
28" H (711 mm)  
7" W (178 mm)  
11.5" L (292 mm)  
Machine weight: 55 Pounds (24.9 Kg)  
Shipping weight: 65 Pounds (34.0 Kg)

### SF187L/LNK

7.9 Liters per cycle at 5.5 Bar  
80-90 PSI (5.5-6.2 Bar)  
100-Series Stick Clips  
25.5" H (648 mm)  
16" W (406 mm)  
24" L (610 mm)  
Machine weight: 40 Pounds (18.2 Kg)  
Shipping weight: 50 Pounds (22.7 Kg)

## Specifications: 400 Series

### SC487L/R LNK/RNK

7.9 Liters per cycle at 5.5 Bar  
80-90 PSI (5.5-6.2 Bar)  
400G-Series Stick Clips  
28" H (711 mm)  
7" W (178 mm)  
11.5" L (292 mm)  
Machine weight: 52 Pounds (23.6 Kg)  
Shipping weight: 64 Pounds (29.0 Kg)

### SF487L/LNK

7.9 Liters per cycle at 5.5 Bar  
80-90 PSI (5.5-6.2 Bar)  
400G-Series Stick Clips (Optional Spool Assembly)  
25.5" H (648 mm)  
16" W (406 mm)  
24" L (610 mm)  
Machine weight: 40 Pounds (18.2 Kg)  
Shipping weight: 50 Pounds (22.7 Kg)

## Specifications: Z400 Series

### SZ4155L

.7 Cubic ft per cycle at 80 PSI (19.81 liters at 5.5 bar)  
80-100 PSI (5.5-6.9 bar)  
Z400 series stick clips  
29.23" H (742.44 mm)  
13.63" W (346.2 mm)  
23.88" L (606.55 mm)  
Machine weight: 68 pounds (30.8 Kg)  
Shipping weight: 75 pounds (34.0 Kg)

### SZ4157L

.7 Cubic ft per cycle at 80 PSI (19.81 liters at 5.5 bar)  
80-100 PSI (5.5-6.9 bar)  
Z400 series stick clips  
29.17" H (741 mm)  
8.07" W (205 mm)  
16.5" L (419 mm)  
Machine weight: 68 pounds (30.8 Kg)  
Shipping weight: 75 pounds (34.0 Kg)

## JBT PROTEIN PROCESSING

### SECONDARY

BRINE PREPARATION | HOMOGENIZATION | INJECTION  
INJECTION & RETURN MILLING | MACERATION | MASSAGING | TENDERIZATION  
X-RAY TECHNOLOGY | AUTOMATED TRAY LOADING

### FURTHER

WEIGHING | PORTIONING/TRIMMING | COATING | FRYING & FILTRATION | PROOFING  
COOKING | COOLING | CHILLING | FREEZING | REFRIGERATION | CLIPPING & PACKAGING  
SOLUTIONS | X-RAY TECHNOLOGY | HIGH-PRESSURE PROCESSING (HPP)



### North America

TIPPER TIE, Inc.  
2000 Lufkin Road  
Apex, NC 27539 USA  
Tel. +1 919 362 8811  
Fax +1 919 362 4839  
TipperTie@jbt.com

### Europe

TIPPER TIE TECHNOPACK GmbH  
Wilhelm-Bergner-Strasse 9a  
21509 Glinde/Germany  
Tel. +49 40 72 77 04 0  
Fax +49 40 72 77 04 100  
infoDE@jbt.com

### Latin America

JBT Máq. Equip. Ind. Ltda.  
Av. Eng. Camilo Dinucci 4605  
14808-900 Araraquara  
São Paulo/Brazil  
Phone +55 16 3301 2000  
latinamerica.info@jbt.com



We're with you, right down the line.™

[tipperTie.com](http://tipperTie.com) | [jbt.com](http://jbt.com)