



COMPANY OVERVIEW

BUSCH

***Pile Turners, High Die Cutters,
Waste Conveyors, & Banders***

Global Distributors | Service Technicians | Parts Inventory

Hundreds of New & Used Machines
Available Online at BestGraphics.net

ABOUT BUSCH

Company Overview

- › Established in 1949, second generation ownership
- › Based in Hamburg, Germany
- › More than 15,000 machine installations worldwide
- › Portfolio of more than 80 machine models, many of which are under \$75,000 USD
- › Imported, sold, and serviced by Best Graphics since 2014
- › Over 250 Busch machines have been sold by Best Graphics
- › Best Graphics offers:
 - » **3-year warranties** on Pile Turners and High Die Cutters
 - » **1-year warranties** on Waste Conveyors and Banders



**HAMBURG,
GERMANY**



BUSCH HISTORY

Company Overview

- 1949** – Established in Hamburg, Germany
- 1960** – Opened factory in Hamburg-Bergedorf to rebuild second-hand Presses, and manufacture Joggers / Pallet Lifters
- 1976** – Manufactured the first Pile Turner. Nearly 2,000 units sold since then to 187 countries
- 1983** – Additional factory opened in Seevetal (Meckelfeld) for production and sales
- 1986** – Die Cutter and Waste Conveyors shown at DRUPA for the first time
- 1987** – Introduced Table Banding machines. More than 9,000 sold to date
- 1997** – Began production of new generation of Waste Conveyors
- 2004** – New generation of Inline Multiple Banders and Pile Turners shown at DRUPA
- 2005** – Introduced Feed Bander ZFB with automatic feeding
- 2012** – Started production of Pile Hoists and Joggers
- 2016** – New generation of Speedturner 2020 Pile Turners shown at DRUPA

PILE TURNERS

Category Overview

- › Nearly 2,000 installations worldwide
- › Formats range from 28" - 70"
- › Quicker turnaround with reduced labor
- › Self-contained, no in-house air needed
- › Movable/self leveling
- › Pressure control flaps to maintain "air bubble" with pile
- › Left or right mounting control panel that swivels to the front and back of units
- › Powerful one or two zone aeration
- › Auxiliary light stock "stop bars"
- › Optional ionized air system
- › Increased pile heights to match raised Presses and Die Cutters



SWH 125 RLA

HALF-SIZE PILE TURNERS

Technical Specifications

	SE 90	SE 90 RLA	SWH 90 RLA
Max. Sheet Size	23.7" x 29.5"		
Max. Pile Height	47.2"		
Min. Pile Height	11.4"		21.2"
Platform Width	35.4"		
Platform Depth	24.4"		24.6"
Max. Carrying Weight	1,100 lbs.		
Pressure Control Flaps?	Optional		Yes
Aeration?	No	Yes	
Aligning?	No	Yes	
Jogging?	No	Yes	

FULL-SIZE PILE TURNERS

Technical Specifications

	SE 125	SE 125 RLA	SWH 125 RLA
Max. Sheet Size	31.5" x 47.2"		
Max. Pile Height	53.1" (Upgrade to 68.9")		
Min. Pile Height	15.0"		25.6"
Platform Width	49.2"		
Platform Depth	35.4"		
Max. Carrying Weight	2,200 lbs.		2,650 lbs.
Pressure Control Flaps?	Optional		Yes
Aeration?	No	Yes	
Aligning?	No	Yes	
Jogging?	No	Yes	

OVERSIZE PILE TURNERS

Technical Specifications

	SWH 155 RLA	SWH 180 RLA
Max. Sheet Size	41.8" x 57.0"	48.0" x 65.0"
Max. Pile Height	63.0" (Upgrade to 78.7")	
Min. Pile Height	32.7"	
Platform Width	61.0"	70.9"
Platform Depth	42.5"	48.6"
Max. Carrying Weight	4,000 lbs.	4,200 lbs.
Pressure Control Flaps?	Yes	
Aeration?	Yes	
Aligning?	Yes	
Jogging?	Yes	

AUTOMATIC PILE TURNERS

Technical Specifications

	SWH 125 RLA (175) Automatic	SWH 155 RLA Automatic	SWH 180 RLA Automatic
Max. Sheet Size	31.5" x 47.2"	41.8" x 57.0"	48.0" x 65.0"
Max. Pile Height	68.9" (Upgrade to 78.7")	63.0" (Upgrade to 78.7")	
Min. Pile Height	36.6"	34.3"	
Platform Width	49.2"	61.0"	70.8"
Platform Depth	35.4"	42.5"	48.6"
Max. Carrying Weight	2,640 lbs.	3,970 lbs.	4,190 lbs.
Pressure Control Flaps?	Yes		
Aeration?	Yes		
Aligning?	Yes		
Jogging?	Yes		
Job Storage?	Yes		
Job Recall?	Yes		

WASTE CONVEYORS

Category Overview

- › Busch manufactures Waste Conveyors for all well-known finishing machines which produce cut waste.
- › The waste is typically conveyed from a low level up into a bin. Additional cross conveying elements add to the efficiency of the finishing operation.
- › We offer Waste Conveyors for the following machines:
 - » Saddle Stitchers, Perfect Binders, Three-Knife Trimmers, & High Die Cutters
 - » Guillotine Cutters (Automatic and Manual)
 - » Flat-Bed Die Cutters
 - » Custom solutions available by request



KF SERIES

WASTE CONVEYORS – STANDARD

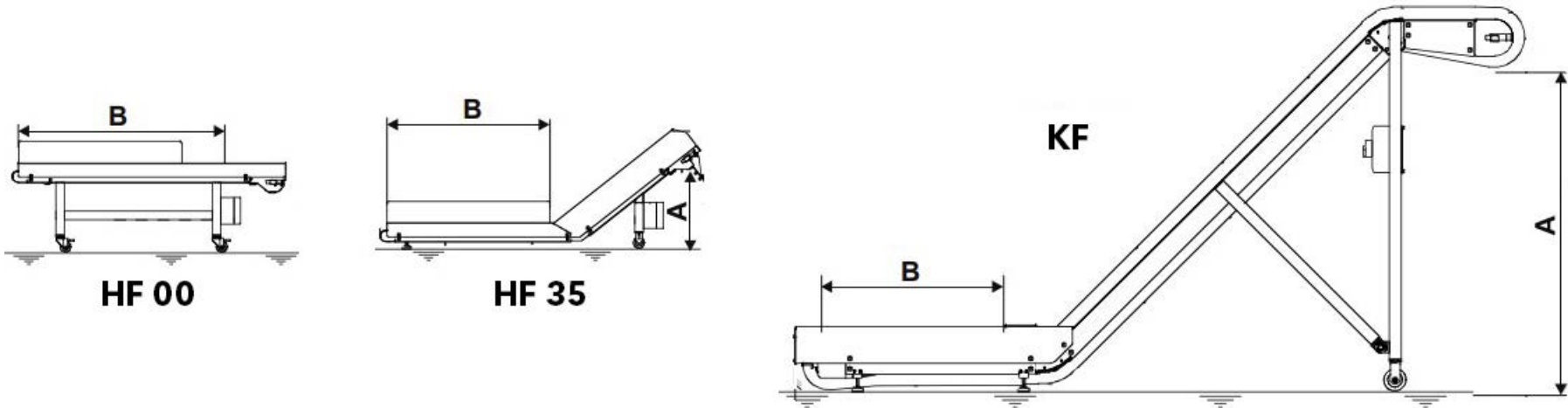
Technical Specifications – for Saddle Stitchers, Perfect Binders, Three-Knife Trimmers, High Die Cutters

	KF 110		KF 110-80		KF 145		KF 145-80		KF 175		KF 175-80	
Conveying Height (A)	43.3"		43.3"		57.1"		57.1"		68.9"		68.9"	
Delivery Chute Length (B)	23.6"		31.5"		23.6"		31.5"		23.6"		31.5"	

	HF 35	HF 00
Conveying Height (A)	13.8"	–
Delivery Chute Length (B)	31.5"	39.4"

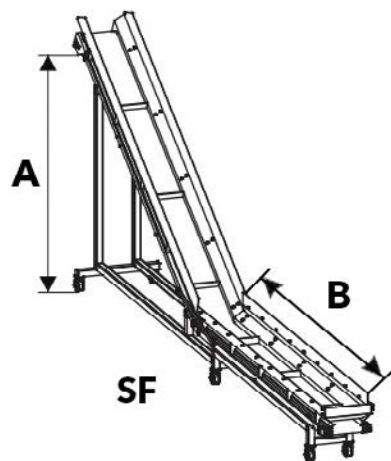
KF – For the removal of cut waste conveyed into containers.

HF – For the cross transport of cut waste discharged under the production machine to be conveyed onto KF model.



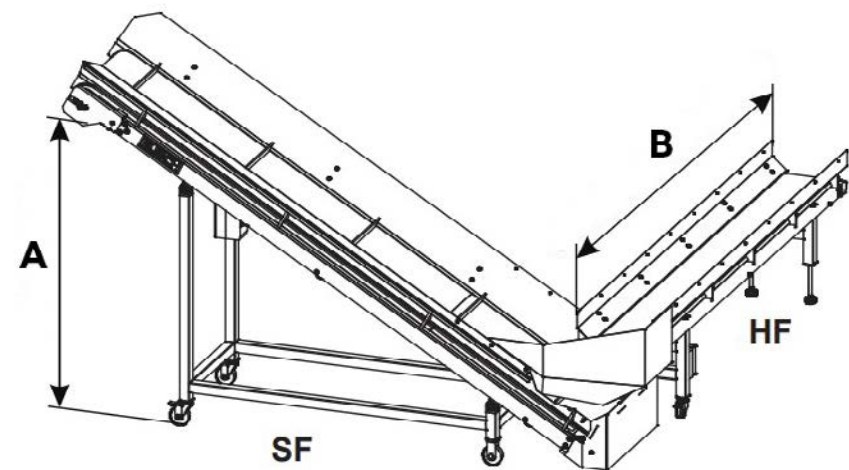
WASTE CONVEYORS – GUILLOTINE CUTTERS

Technical Specifications – Automatic Waste Removal



	SF 130/25-225	SF 160/25-225
Pieces	One (1) Piece Configuration	
Conveying Height (A)	51.2"	62.3"
Transport Length (B)	88.6"	
Width of Belt	9.8"	

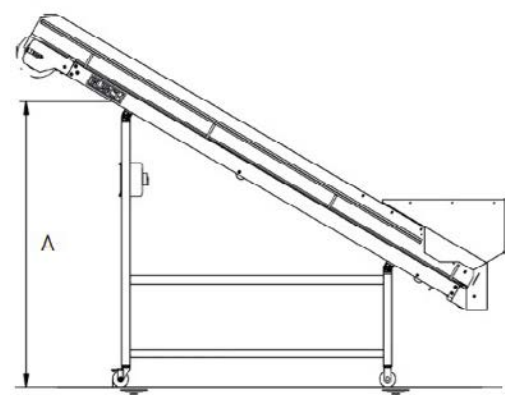
Removal of cut waste is automatic. Configured as either a (1) or (2) piece configuration. For a (2) piece configuration, the waste is discharged onto the initial cross conveyor (HF) installed under the guillotine. From here the waste is conveyed up (SF) into a bin.



	SF 110/50 ASE	SF 145/50 ASE	HF 00/25
Pieces	Two (2) Piece Configuration		
Conveying Height (A)	43.3"	57.1"	–
Transport Length (B)	–		74.8"-153.5"
Width of Belt	19.7"		9.8"

WASTE CONVEYORS – GUILLOTINE CUTTERS

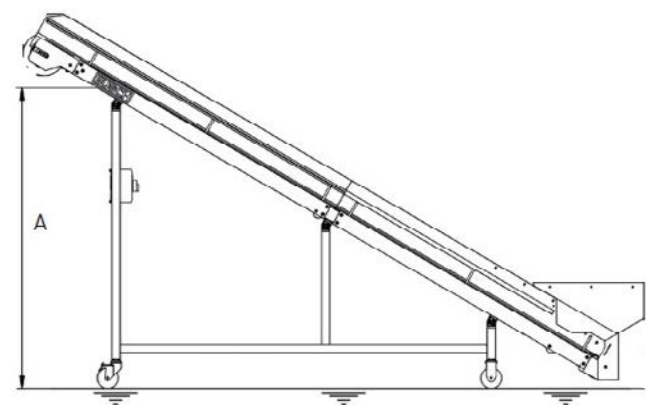
Technical Specifications – Manual Waste Removal



SF XXX/50 P

	SF 145/50 P	SF 175/50 P
Conveying Height (A)	57.1"	63.0"
Width of Belt	19.7"	

SF-P – For the removal of cut waste by moving the waste manually into the bin of the conveyor. The waste conveyor can be installed on the left or right hand side of the guillotine.



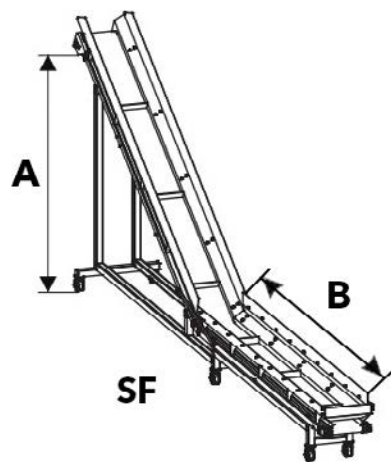
SF XXX/50 PT

	SF 110/50 PT	SF 145/50 PT
Conveying Height (A)	43.3"	57.1"
Width of Belt	19.7"	

SF-PT – A larger side air table (49.2" x 29.5") has been installed to enable the positioning of the conveyor. A slightly raised funnel is fitted to the front side of the air table into which the waste is thrown. The conveyor can be positioned right or left hand of the guillotine.

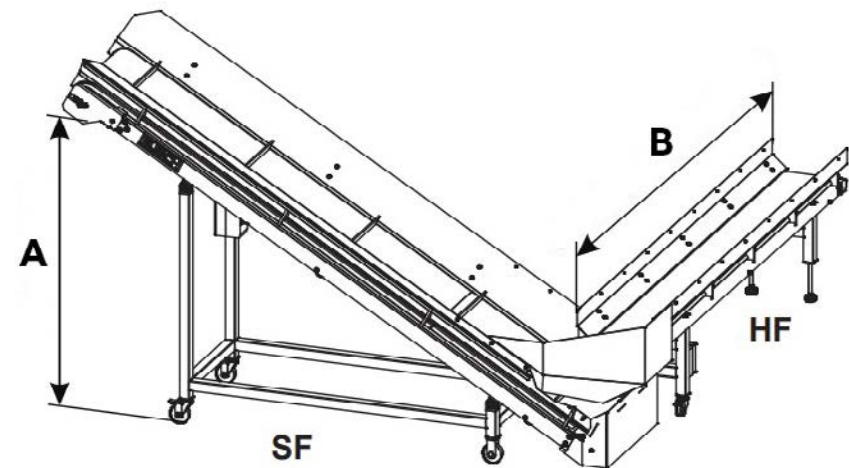
WASTE CONVEYORS – FLATBED DIE CUTTERS

Technical Specifications



	SF 145/65-140 BS	SF 145/65-190 BS
Pieces	One (1) Piece Configuration	
Conveying Height (A)	57.1"	
Transport Length (B)	55.1"	74.8"

Configured as either a (1) or (2) piece configuration. For a (2) piece configuration, the waste is discharged onto the initial cross conveyor (HF) installed under the guillotine. From here the waste is conveyed up (SF) into a bin.

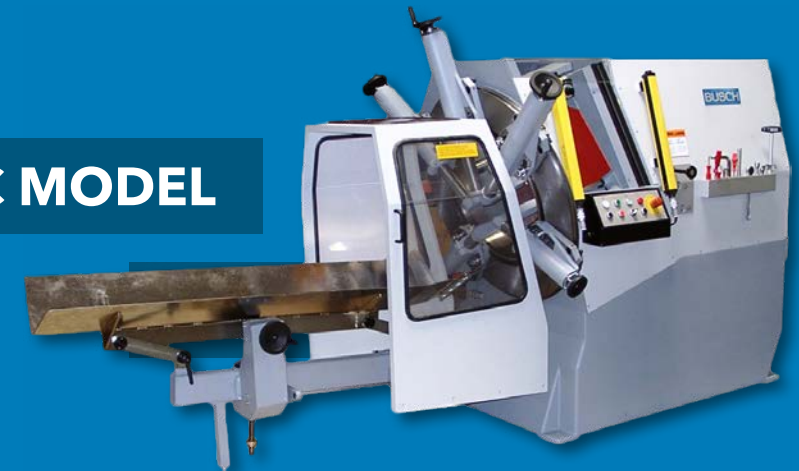


	SF 145/50 BS	SF 190/50 BS	HF 00-210 BS
Pieces	Two (2) Piece Configuration		
Conveying Height (A)	57.1"	74.8"	—
Transport Length (B)	—		8.3"

HIGH DIE CUTTERS

Category Overview

- Nearly 2,000 installations worldwide
- 7" x 7" up to 13" x 15" formats; custom 14" x 16" available on request
- Up to 900,000 labels per hour; 115,000 plastic cards per hour
- Lateral punching press yields more accurate results
- Counter pressure devices available for die cutting specialty papers, plastics, and foils
- 1/3rd more product per punch than competition
- Faster Setup: 5-clamp adjustment vs. 4-clamps
- Tolerance without counter-pressure +/- 0.2mm (1/64 of an inch)
- Trim waste margins +/- 2.5mm (3/32 of an inch)



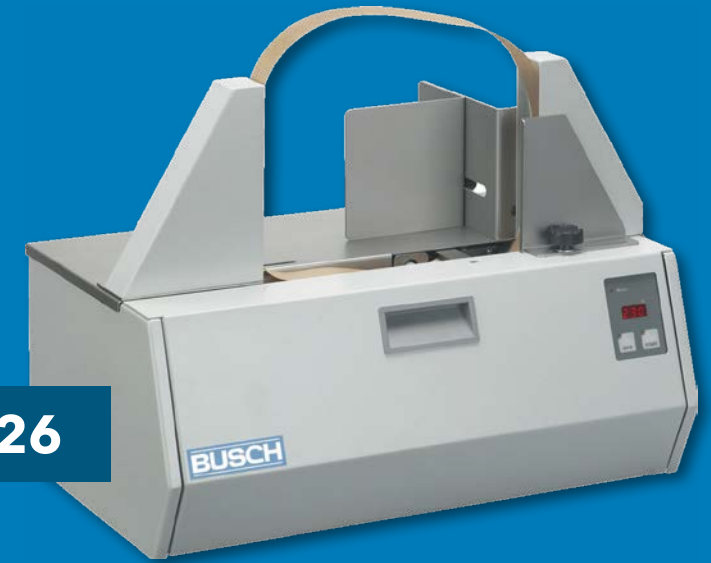
Technical Specifications

	A+P		AL	B+P	BL	BLS	CL
Release of Cutting Stroke	pneumatic push button control	safety light barrier	pneumatic push button control	safety light barrier			
Max. Punch Size	7.09" x 7.09"		9.05" x 9.05"	8.66" x 10.24"	9.05" x 12.60"	12.99" x 14.96"	
Min. Punch Size	0.67" x 0.57"		0.39" x 0.39"	0.59" x 0.59"	0.79" x 0.79"	3.15" x 3.94"	
Max. Feed Height	7.87"		6.69"	7.48"			6.69"
Punching Pressure	5,500 lbs.		12,500 lbs.				25,500 lbs.
Punching Strokes	13 per minute	15 per minute	13 per minute	18 per minute	16 per minute	9 per minute	
Max. Machine Output	780,000 sph	900,000 sph	780,000 sph	1,080,000 sph	960,000 sph	540,000 sph	
Counter Pressure Device?	Optional (note: removable design)						

TABLE BANDERS

Category Overview

- › All types of products are banded with coated kraft paper tape (white or brown) or with transparent polypropylene foil tape.
- › Busch Table Banders are equipped with adjustable position stops, digital display, error message and electronic temperature control.
- › Machines can be operated by:
 - » Single stroke release by press-button
 - » Single stroke release by foot pedal
 - » Automatic sensor release



TB 26



TB 39

TABLE BANDERS

Technical Specifications

	TB 26 I	TB 26 II	TB 39-30	TB 39-50
Banding Material	Coated Kraft Paper / Polypropylene Foil (PP) – 80 µm / Polypropylene Foil (PP) – 100 µm			
Tape Width	0.79" / 1.18"	1.57" / 1.97"	1.18"	1.97"
Reel Length	<i>Kraft Paper: 492' PP 80 µm: 656' PP 100 µm: 492'</i> (Optional: 2,625' 3,937' 3,117')			
Max. Banding Length	Unlimited			
Max. Banding Width	<i>Kraft Paper: 10.24" PP 80: 8.66" PP 100: 7.07"</i>		<i>Kraft Paper: 10.24" PP 80: 8.66" PP 100: 7.07"</i>	
Max. Banding Height	6.69"		7.87"	
Max. Machine Output	30 strokes/min.	28 strokes/min.	20 strokes/minute	

MULTIPLE BANDERS

Category Overview

- › Inline banding of product pile rows
- › The ideal solution behind Folders and Guillotines Cutters
- › Automatic banding of higher volumes of square-cut products
- › Applicable for mixed sheets (patented machine system)
- › Available in banding widths of 21", 29", and 41"
- › Up to 12 banding stations
- › Delivery to the left or right side



MB 74 L

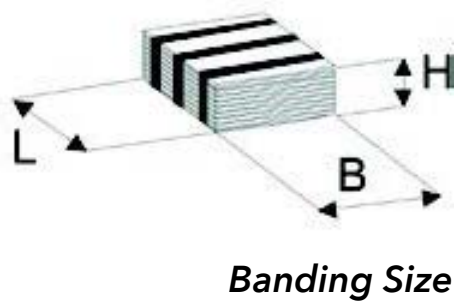
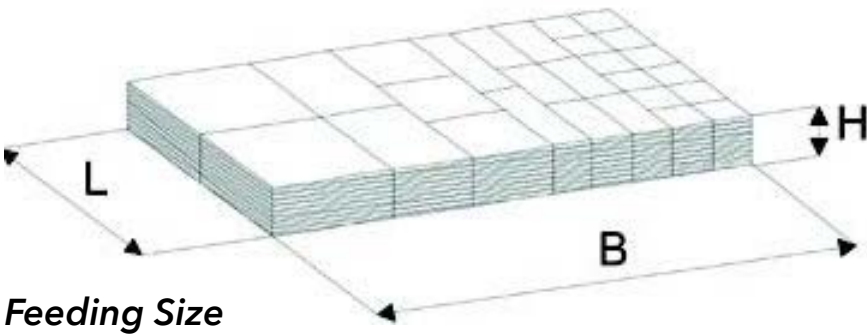


MB 54 R

MULTIPLE BANDERS

Technical Specifications

	MB 54		MB 74	MB 104
Banding Material	Coated Kraft Paper / Polypropylene Flat Film (LDPE) – 80 µm			
Tape Width	0.98" (Optional: 0.79", 1.18", 1.57")			
Reel Length	<i>Kraft Paper: 1,804' LDPE: 2,625'</i>			
Max. Feeding Size (L x B x H)	21.26" x 40.94" x 4.92"		29.13" x 40.94" x 4.92"	40.94" x 40.94" x 4.92"
Max. Banding Size (L x B x H)	21.26" x 9.84" x 4.92"		29.13" x 9.84" x 4.92"	40.94" x 9.84" x 4.92"
Min. Banding Size (L x B x H)	1.69" x 0.98" x 1.18"			
Max. Machine Output	8 strokes/minute			



FEED BANDERS

Category Overview

- Banding with automatic feeding for higher efficiency
- The machine is equipped with an integrated feed pusher, packet recognition, pneumatic compression of packets and a simple touchscreen-operation.
- Banding is performed with coated Kraft paper tape or polypropylene foil.
- Two versions are offered:
 - » **ZFB 32/75**, for product piles and rows of product piles, especially following Folders or Guillotine Cutters
 - » **ZFB 32 Inline**, in direct connection of machines with delivery of product piles, for example Saddle Stitchers with stacker



FEED BANDERS

Technical Specifications

	ZFB 32/75	ZFB 32 inline
Banding Material	Coated Kraft Paper / Polypropylene Foil (PP) – 80 µm	
Tape Width	1.18"	
Reel Length	Kraft Paper: 2,625' PP 80 µm: 3,937'	
Banding Length	2.76" – 29.5"	2.76" – 18.89"
Banding Width	1.57" – 12.6"	1.97" – 12.6"
Banding Height	0.20" – 7.09"	
Max. Machine Output	18 strokes/min.	Single Banding: 16 packets/min. Double Banding: 10 packets/min.

PARTS & SERVICE SUPPORT

Milwaukee, WI



Parts Department –

- › Best Graphics maintains nearly \$750,000 USD in parts on the shelves at our Milwaukee, WI facilities.
- › **On-Hand Parts:** Can drop ship for next-day arrival if ordered before 4pm CST.
- › **Hard to Find Parts:** drop ship directly from our manufacturer partners to get you up-and-running as quickly as possible.

Service Scheduling –

- › Best Graphics has a full team of Service Technicians to help support the 225-250 machine sales/installations we complete annually.
- › **Over-the-Phone Support:** Free-of-charge
- › **On-Site Service:** Charge hourly or daily rates (if out of warranty)

CONTACT OUR PARTS DEPARTMENT

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CONTACT OUR SERVICE DEPARTMENT

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Best Graphics proudly represents Busch's Pile Turners, High Die Cutters, Waste Conveyors & Banders.

Best Graphics backs Busch Pile Turners and High Die Cutters with **3 year warranties**; Conveyors and Banders are backed with **12 month warranties**.

Call Us Today!
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Product design and technical specifications subject to change without notice.

