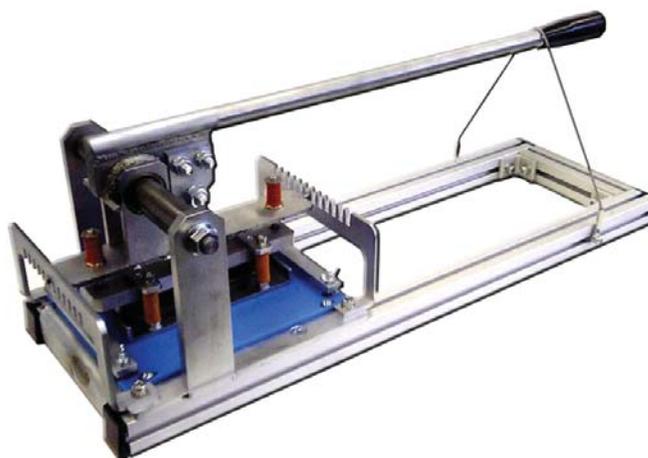


FP70-10-100 Finger Puncher

Characteristics

- Compact and lightweight
- Precise position punching
- Punching both ends



Specifications

Model Number	FP70-10-100
Punching System	10mm Indexing Punch
Dimensions	Length 610mm x Width 230mm x Height 250mm
Finger Size	Length 70mm x Pitch 10mm
Maximum Belt Width	100mm
Maximum Belt Thickness	6mm
Weight	10.4kg

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rev. June 22, 2010

FP70-10-50 Finger Puncher

Characteristics

- Compact and lightweight
- Precise position punching
- Punching both ends



Specifications

Model Number	FP70-10-50
Punching System	10mm Indexing Punch
Dimensions	Length 600mm x Width 180mm x Height 250mm
Finger Size	Length 70mm x Pitch 10mm
Maximum Belt Width	50mm
Maximum Belt Thickness	6mm
Weight	9.0kg

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rev. Mar. 2, 2012

PCF-157C Cooling Press

Features

- Used with PolySprint 70mm finger geometry (70mm long by 10mm pitch) or 120mm finger geometry (120mm long by 10mm pitch) to make endless belts
- Designed for belts up to 50mm wide and up to 6mm thick
- Large cooling fin
- Used to decrease splicing time by cooling splice area more quickly



Specifications

Model	PCF-157C	
Finger Geometry	70mm long x 10mm pitch • 120mm long x 10mm pitch	
Maximum Belt Width	50mm	
Maximum Belt Thickness	6mm	
Dimensions	Length	325mm
	Width	165mm
	Height	122mm
Cooling Plate Size	70mm L x 150mm W	
Weight	2.4kg	

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rev. June 22, 2010

PCF-157D Heat Press

Features

- Used with PolySprint 70mm finger geometry (70mm long by 10mm pitch) or 120mm finger geometry (120mm long by 10mm pitch) to make endless belts
- Designed for belts up to 50mm wide and up to 6mm thick
- Adjustable temperature setting with digital readout for high accuracy



Specifications

Model	PCF-157D
Electric Source	100V or 200V
Electric Power	340W X 2
Maximum Temperature	200°C
Finger Geometry	70mm long x 10mm pitch • 120mm long x 10mm pitch
Maximum Belt Width	50mm
Maximum Belt Thickness	6mm
Dimensions	165mm W x 325mm L x 122mm H (without temperature controller)
Pressing Plate Size	150mm W x 70mm L
Weight	3.2kg

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rev. June 22, 2010

NPS-0310C Cooling Press

Features

- Used with PolySprint 30mm finger geometry (30mm long by 10mm pitch) to make endless belts
- Designed for belts up to 100mm wide and up to 2mm thick
- Heat radiation cooling with large-scale heat sink
- Small profile for use even in tight spaces
- Built-in clamp holds press closed, keeping presetter and belt in place during cooling



Specifications

Model	NPS-0310C	
Finger Geometry	30mm long x 10mm pitch	
Maximum Belt Width	100mm	
Maximum Belt Thickness	2mm	
Dimensions	Length	311mm
	Width	85mm
	Height	102mm
Weight	2.4kg	

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rev. Feb. 26, 2010

NPS-0310H1/H2 Heat Press

Features

- Used with PolySprint 30mm finger geometry (30mm long by 10mm pitch) to make endless belts
- Designed for belts up to 100mm wide and up to 2mm thick
- Adjustable temperature setting with digital readout for high accuracy
- Small profile for use even in tight spaces
- Built-in clamp holds press closed, keeping presetter and belt in place during heating



Specifications

Model	NPS-0310H1	NPS-0310H2
Input	100V ~ 120V	200V ~ 240V
	50/60 Hz	50/60 Hz
	600W	600W
Applicable Range for Temperature Setting	~210°C (max.)	
Finger Geometry	30mm long x 10mm pitch	
Maximum Belt Width	100mm	
Maximum Belt Thickness	2mm	
Dimensions	Press Unit: 107mm W x 365mm L x 107mm H Controller: 90mm W x 225mm L x 45mm H	
Weight	4.1kg (including Temperature Controller)	

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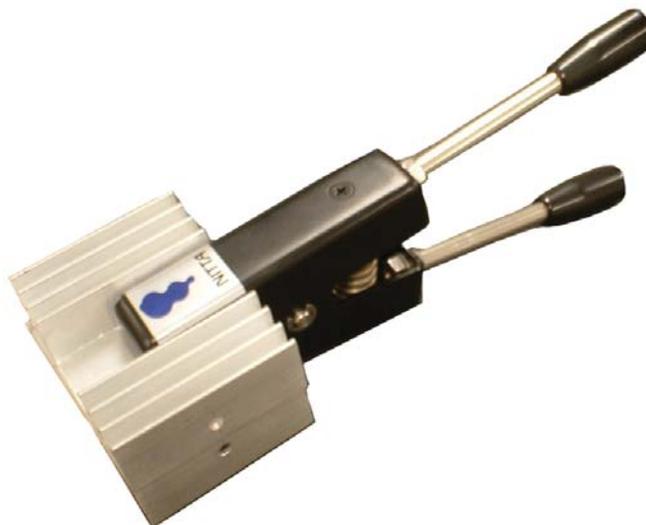
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rev. March 3, 2010

NPS-3050C Cooling Press

Features

- Used with PolySprint 30mm finger geometry (30mm long by 10mm pitch) to make endless belts
- Designed for belts up to 50mm wide and up to 2mm thick
- Heat radiation cooling with heat sink
- Small profile for use even in tight spaces
- Built-in springs hold press closed, keeping presetter and belt in place during cooling



Specifications

Model	NPS-3050C	
Finger Geometry	30mm long x 10mm pitch	
Maximum Belt Width	50mm	
Maximum Belt Thickness	2mm	
Dimensions	Length	224mm
	Width	80mm
	Height	92mm
Weight	0.6kg	

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rev. June 21, 2010

NPS-3050H1/H2 Heat Press

Features

- Used with PolySprint 30mm finger geometry (30mm long by 10mm pitch) to make endless belts
- Designed for belts up to 50mm wide and up to 2mm thick
- Adjustable temperature setting with digital readout for high accuracy
- Lightweight body with small profile, for use even in tight spaces



Specifications

Model	NPS-3050H1	NPS-3050H2
Input	110V ~ 120V	200V ~ 240V
	50/60 Hz	50/60 Hz
	2.15A	2.15A
Temperature Setting Range	0 to 210°C	
Finger Geometry	30mm long x 10mm pitch	
Maximum Belt Width	50mm	
Maximum Belt Thickness	2mm	
Dimensions	Press Unit: 84mm W x 250mm L x 100mm H Controller: 90mm W x 225mm L x 45mm H	
Weight	1.45kg (including Temperature Controller)	

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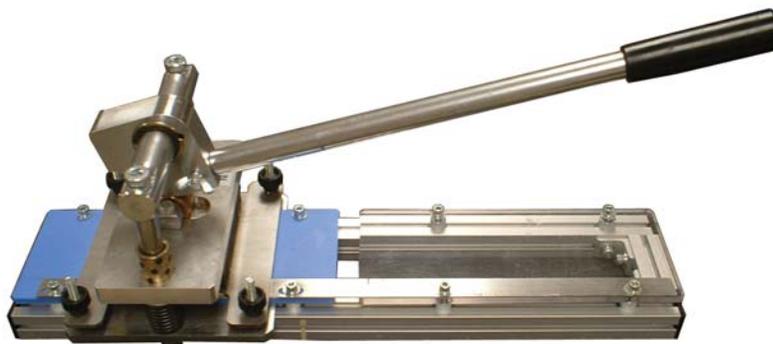
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rev. June 21, 2010

FP30-10-50N Finger Puncher

Characteristics

- Compact and lightweight
- Precise position punching
- Punching both ends
- Single action punching system



Specifications

Model Number	FP30-10-50N
Punching System	Single Action
Dimensions	Length 400mm x Width 135mm x Height 390mm
Finger Size	Length 30mm x Pitch 10mm
Maximum Belt Width	50mm
Maximum Belt Thickness	2mm
Weight	3.4kg

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Belting Products

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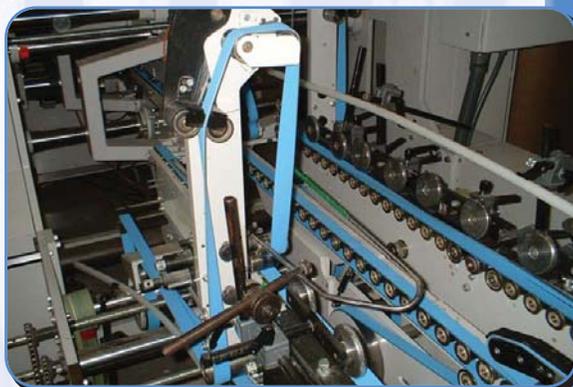
PolySprint™ Belting



Features and Benefits

Nitta's PolySprint finger-splice belting is made with a variety of covers and carcasses for a wide range of applications. Some belts are elastic with thermoplastic carcasses; some belts are non-elastic with carcasses reinforced with polyamide or polyester fabrics. Nitta PolySprint outperforms all competitive finger-spliceable materials and has many advantages:

- Greatly reduces costly downtime as a quick and easy-to-install alternative to skived products
- Simple and fast QuikFlex finger-splice system requires no adhesives and minimal training
- Long service life due to highly abrasion-resistant covers – abrasion resistance proven best in industry
- Much lower permanent elongation than competitors
- Splice is much stronger than a butt splice
- Immune to moisture as humidity levels change
- Complete tool line available – finger-cutters, digitally controlled heating presses, cooling presses, and pre-setters for splice alignment. Please see opposite side of flyer for more information.



Applications

PolySprint fulfills conveying and processing functions primarily in the paper converting, graphic arts and postal industries. Applications include:

- | | |
|--|--|
| <ul style="list-style-type: none"> • Printing <ul style="list-style-type: none"> • Transport • Stackers • Sheeters • Folders • Bookbinding | <ul style="list-style-type: none"> • Paper Converting <ul style="list-style-type: none"> • Folder/Gluer • Multiwall Bag • Corrugated • Mail Processing |
|--|--|



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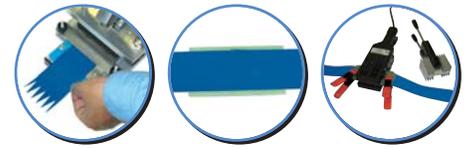
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Quick and Easy Endless (No Experience Required)

Finger Joints (No Adhesive Needed)

PolySprint™ tools make replacing broken belts quick and easy, with minimal downtime and no need to disassemble the machine



Endless Tools for PolySprint™

Item and Type	Appearance	Features	Max. Width (mm)	Max. Thick. (mm)	Size (mm)			Wt. (kg)	Finger Length x Pitch	Power	Temp. (°C)	
					Width	Length	Height					
Finger Puncher	FP30-10-50N Finger Puncher		50	2.0	135	400	390	3.4	30 x 10	N/A	N/A	
	FP30-10-100 Finger Puncher		100	2.0	200	500	504	7.0	30 x 10	N/A	N/A	
	FP70-10-50 Finger Puncher		Precise indexing system	50	6.0	180	600	250	9.0	70 x 10	N/A	N/A
	FP120-10-50 Finger Puncher									120 x 10		
	FP70-10-100 Finger Puncher		Precise indexing system	100	6.0	230	610	250	10.4	70 x 10	N/A	N/A
	FP120-10-100 Finger Puncher									120 x 10		
Heat Press	NPS-3050 H1 Heat Press		50	2.0	84	250	100	1.5	30 x 10	100V	~200	
	NPS-3050 H2 Heat Press									200V		
	NPS-0310 H1 Heat Press		100	2.0	107	365	107	4.1	30 x 10	100V	~210	
	NPS-0310 H2 Heat Press									200V		
	PCF-157D-1 Heat Press		50	6.0	165	325	122	3.2	70 x 10 120 x 10	100V	~200	
	PCF-157D-2 Heat Press									200V		
	NPS-1210-1 Heat Press		Automated heating and cooling press	100	6.0	230	320	180	9.5	70 x 10 120 x 10	100V	~200
	NPS-1210-2 Heat Press										200V	
Cooling Press	NPS-3050C Cooling Press		50	2.0	80	224	92	0.6	30 x 10	N/A	N/A	
	NPS-0310C Cooling Press		100	2.0	85	311	102	2.4	30 x 10	N/A	N/A	
	PCF-157C Cooling Press		50	6.0	165	325	122	2.4	70 x 10 120 x 10	N/A	N/A	
Other Tools	Presetter		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	Clamps (2 Pieces)		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	PolySprint Toolkit Complete 30mm Finger Joining Kit		FP30-10-50N, NPS-3050H, NPS-3050C, Presetter, Clamps and Case	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

PolySprint™ Toolkit (Widths up to 50mm)

PolySprint™ Belting – Features and Benefits

Nitta's PolySprint™ finger-splice belting is made with a variety of covers and carcasses for a wide range of applications in the printing, paper converting, and mail processing industries. Some belts are elastic with thermoplastic carcasses; some are non-elastic with carcasses reinforced with polyamide or polyester fabrics. PolySprint™ outlasts and outmatches all similar competitive materials, with many advantages for end users:

- Greatly reduces costly downtime as a quick and easy-to-install alternative to skived products
- Simple, fast QuikFlex finger-splice system requires no adhesives and minimal training
- Long service life due to highly abrasion-resistant covers – abrasion resistance proven best in industry
- Much lower permanent elongation than competitors
- Splice is much stronger than a butt splice
- Immune to moisture as humidity levels change



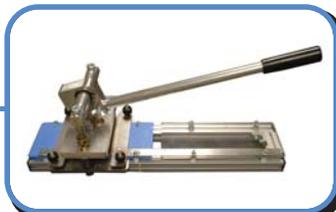
50mm Toolkit

- Complete set of tools for endless PolySprint™ belts, in a locking metal case
- Kit includes finger puncher, heat press, cooling press, presetter, clamps and case
- 30mm finger geometry (30mm long by 10mm pitch)
- Designed for belts up to 50mm wide and up to 2mm thick
- Adjustable temperature setting with digital readout for high accuracy
- Small profile for use even in tight spaces



Metal Carrying Case

Includes padded inserts, custom-cut to hold all equipment



FP30-10-50N Finger Puncher

Single action punching system

Size (mm): 135 W x 400 L x 390 H

Weight: 3.4kg



NPS-3050H1 Heat Press

Digital temperature readout

Size (mm): 84 W x 250 L x 100 H

Weight: 1.5kg

Power: 100V

Temperature: ~200°C



NPS-3050C Cooling Press

Cools finger-spliced belts – no power required

Size (mm): 80 W x 224 L x 92 H

Weight: 0.6kg



Presetter

Guide rails to hold joint straight when pressing. Includes top plate, bottom plate and silicon pad.

Clamps (2 Pieces)

For holding presetter together in heating and cooling presses

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rev. March 8, 2010

PolySprint™ Toolkit (Widths up to 100mm)

PolySprint™ Belting – Features and Benefits

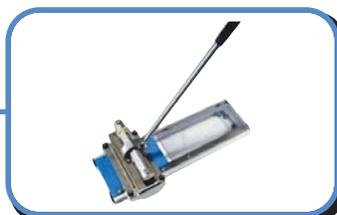
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100mm Toolkit

- Complete set of tools for endless PolySprint™ belts
- Kit includes finger puncher, heat press, cooling press and presetter
- 30mm finger geometry (30mm long by 10mm pitch)
- Designed for belts up to 100mm wide and up to 2mm thick
- Adjustable temperature setting with digital readout for high accuracy
- Small profile for use even in tight spaces
- Built-in clamping arms hold presses closed, to keep presetter in place during heating and cooling



FP30-10-100 Finger Puncher

Single action punching system

Size (mm): 200 W x 500 L x 504 H

Weight: 7.0kg



NPS-0310H1 Heat Press

Digital temperature readout. Built-in clamp.

Size (mm): 107 W x 365 L x 107 H

Weight: 4.1kg

Power: 100V

Temperature: ~210°C



NPS-0310C Cooling Press

Cools finger-spliced belts – no power required. Built-in clamp.

Size (mm): 85 W x 311 L x 102 H

Weight: 2.4kg



Presetter

Guide rails to hold joint straight when pressing. Includes top plate, bottom plate and silicon pad.



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PolySprint™ Toolkit (Widths up to 50mm)

PolySprint™ Belting – Features and Benefits

Nitta's PolySprint™ finger-splice belting is made with a variety of covers and carcasses for a wide range of applications in the printing, paper converting, and mail processing industries. Some belts are elastic with thermoplastic carcasses; some are non-elastic with carcasses reinforced with polyamide or polyester fabrics. PolySprint™ outlasts and outmatches all similar competitive materials, with many advantages for end users:

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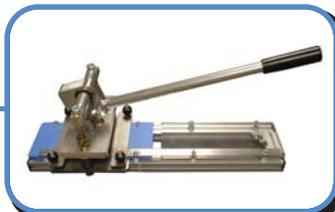
50mm Toolkit

- Complete set of tools for endless PolySprint™ belts, in a locking metal case
- Kit includes finger puncher, heat press, cooling press, presetter, clamps and case
- 30mm finger geometry (30mm long by 10mm pitch)
- Designed for belts up to 50mm wide and up to 2mm thick
- Adjustable temperature setting with digital readout for high accuracy
- Small profile for use even in tight spaces



Metal Carrying Case

Includes padded inserts, custom-cut to hold all equipment



FP30-10-50N Finger Puncher

Single action punching system

Size (mm): 135 W x 400 L x 390 H

Weight: 3.4kg



NPS-3050H1 Heat Press

Digital temperature readout

Size (mm): 84 W x 250 L x 100 H

Weight: 1.5kg

Power: 100V

Temperature: ~200°C



NPS-3050C Cooling Press

Cools finger-spliced belts – no power required

Size (mm): 80 W x 224 L x 92 H

Weight: 0.6kg



Presetter

Guide rails to hold joint straight when pressing. Includes top plate, bottom plate and silicon pad.

Clamps (2 Pieces)

For holding presetter together in heating and cooling presses

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PolySprint™ Toolkit (Widths up to 100mm)

PolySprint™ Belting – Features and Benefits

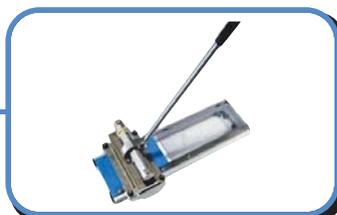
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100mm Toolkit

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- Kit includes finger puncher, heat press, cooling press and presetter
- 30mm finger geometry (30mm long by 10mm pitch)
- Designed for belts up to 100mm wide and up to 2mm thick
- Adjustable temperature setting with digital readout for high accuracy
- Small profile for use even in tight spaces
- Built-in clamping arms hold presses closed, to keep presetter in place during heating and cooling



FP30-10-100 Finger Puncher

Single action punching system

Size (mm): 200 W x 500 L x 504 H

Weight: 7.0kg



NPS-0310H1 Heat Press

Digital temperature readout. Built-in clamp.

Size (mm): 107 W x 365 L x 107 H

Weight: 4.1kg

Power: 100V

Temperature: ~210°C



NPS-0310C Cooling Press

Cools finger-spliced belts – no power required. Built-in clamp.

Size (mm): 85 W x 311 L x 102 H

Weight: 2.4kg



Presetter

Guide rails to hold joint straight when pressing. Includes top plate, bottom plate and silicon pad.



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