# Precleaner Meets Highest Standards for Food Processing Applications
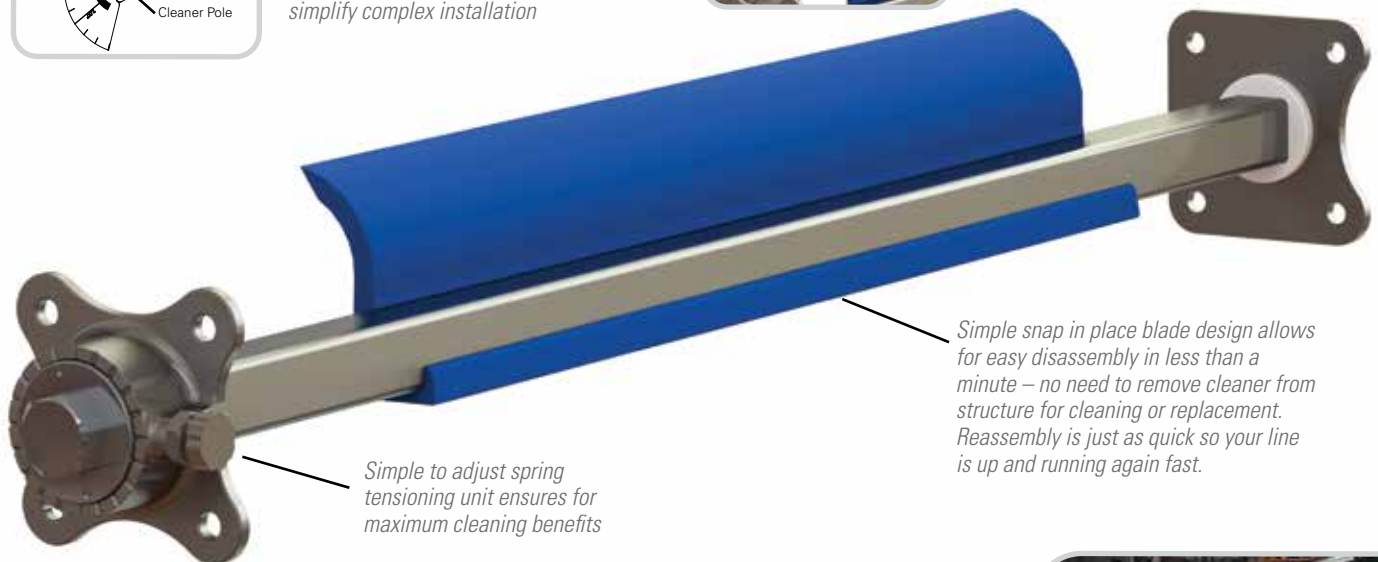
The FGP Food Grade Precleaner from Flexco is easy to install, easy to maintain, and disassembles in a snap for regular cleaning and sanitisation. The FGP Precleaner works on any belt from 100 mm to 1500 mm (4" to 60") and the blade is available in white, blue, metal detectable blue, and dual durometer blue.
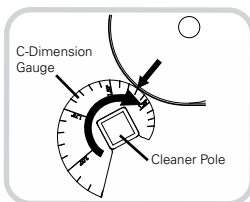
C-Dimension verification gauge makes it easy to set the proper pole location for optimal cleaner performance–the four optional mounting bracket designs help simplify complex installation

Cleaner blades are available in blue, white, dual durometer blue, and metal detectable blue

Simple snap in place blade design allows for easy disassembly in less than a minute – no need to remove cleaner from structure for cleaning or replacement. Reassembly is just as quick so your line is up and running again fast.

Simple to adjust spring tensioning unit ensures for maximum cleaning benefits

Features and Benefits:

- **Minimal hardware** so installation, tensioning, and blade replacement are easy.

- **Simple design** with stainless steel components and food grade materials limit crevices and opportunities for bacteria growth.

- **Easily tensioned** to minimise blade wear, eliminate belt damage, and maximise cleanability.

- **Optional metal detectable blue blade** for additional protection against food contamination.

- **Dual durometer blade** with metal detectable tip for uneven or soft cover belts.

- **Available in standard blade widths** for belts from 300 mm to 1500 mm (12" to 60"). Blades can be cut down to appropriate length.

- **Compatible** with endless and mechanical splices. Suitable for use on modular belting.

Patents: D776,396 and 0029948222-0001

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FGP Food Grade Precleaner

Specifications:

- **Temperature Range**
  UHMW:
  -29°C to 60°C (-20°F to 140°F)
  Dual Durometer:
  0°C to 60°C (+32°F to 140°F)

- **Blade Height**
  76 mm (3.0")

- **Blade Width Range**
  102 to 1524 mm
  (4" to 60")

- **Pole/Mounting Material**
  304 Stainless Steel

- **Blade Hardness**
  UHMW:
  63D Shore Hardness
  Urethane:
  85A Shore Hardness

- **Pulley Diameter Range**
  50 to 267 mm (2" to 10.5")

- **Blade Material**
  Food-grade UHMW, UHMW
  with Stainless Steel, or
  Urethane with PVC

Blade Width
Conveyor Structure Width
Pole Length
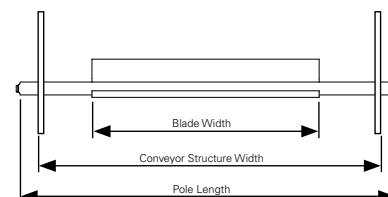
How to choose the correct size blade for your conveyor.

1. Measure your belt width.

2. Choose the Blade Width that corresponds to your belt width.

3. Measure your conveyor width.

4. Verify the Maximum Conveyor Width shown in the selection chart is larger than your conveyor width. If your conveyor width is smaller than the maximum width shown, choose the next larger blade width that accommodates your conveyor width.

5. Blade and/or pole can be cut to users required length. Pole must be 50 mm (2") longer than the outside width of conveyor structure at the mounting location.

Pole Lengths

Pole Length		Standard Blade Length		Minimum Blade Length		Minimum Conveyor Width at Cleaner Mounting Location		Maximum Conveyor Width at Cleaner Mounting Location	
mm	in.	mm	in.	mm	in.	mm	in.	mm	in.
610	24	305	12	229	9	279	11	556	22
813	30	457	18	229	9	356	14	708	28
965	36	610	24	229	9	508	20	861	34
1067	42	813	30	457	18	660	26	1013	40
1219	48	965	36	457	18	813	32	1165	46
1372	54	1067	42	457	18	965	38	1318	52
1524	60	1219	48	457	18	1118	44	1470	58
1676	66	1372	54	457	18	1270	50	1623	64
1829	72	1524	60	457	18	1422	56	1775	70

*Pole length = blade length + 305 mm (12") on standard cleaners.

FGP Food Grade Precleaner

Blade Width		Maximum Conveyor Width		Weight		White Blade		Blue Blade		Blue Metal DetectableBlade		Blue Dual Durometer Blade*	
mm	in.	mm	in.	kg.	lbs.	Ordering Number	Item Code	Ordering Number	Item Code	Ordering Number	Item Code	Ordering Number	Item Code
305	12	559	22	3.0	6.7	FGP-W3-12	56009	FGP-BL3-12	56000	FGP-MD3-12	56027	FGP-MDDD3-12	56018
457	18	711	28	3.5	7.7	FGP-W3-18	56010	FGP-BL3-18	56001	FGP-MD3-18	56028	FGP-MDDD3-18	56019
610	24	864	34	3.9	8.6	FGP-W3-24	56011	FGP-BL3-24	56002	FGP-MD3-24	56029	FGP-MDDD3-24	56020
762	30	1016	40	4.3	9.5	FGP-W3-30	56012	FGP-BL3-30	56003	FGP-MD3-30	56030	FGP-MDDD3-30	56021
914	36	1168	46	4.8	10.5	FGP-W3-36	56013	FGP-BL3-36	56004	FGP-MD3-36	56031	FGP-MDDD3-36	56022
1067	42	1321	52	5.2	11.5	FGP-W3-42	56014	FGP-BL3-42	56005	FGP-MD3-42	56032	FGP-MDDD3-42	56023
1219	48	1473	58	5.6	12.4	FGP-W3-48	56015	FGP-BL3-48	56006	FGP-MD3-48	56033	FGP-MDDD3-48	56024
1372	54	1626	64	6.0	13.3	FGP-W3-54	56016	FGP-BL3-54	56007	FGP-MD3-54	56034	FGP-MDDD3-54	56025
1524	60	1778	70	6.4	14.2	FGP-W3-60	56017	FGP-BL3-60	56008	FGP-MD3-60	56035	FGP-MDDD3-60	56026

*Dual durometer blade is not compliant with Health Canada or EU 1935/2004.

FGP Optional Mounting Brackets (Bolt or Weld)

	Description	Ordering Number	Item Code
1	Frame Mount	FGP-MOUNT-FRAME	56585
2	Flange Bearing Mount	FGP-MOUNT-FLANGE-BEARING	56586
3	Base Bearing Mount	FGP-MOUNT-BASE-BEARING	56587
4	Two-Piece Mount	FGP-MOUNT-TWO-PIECE	56588
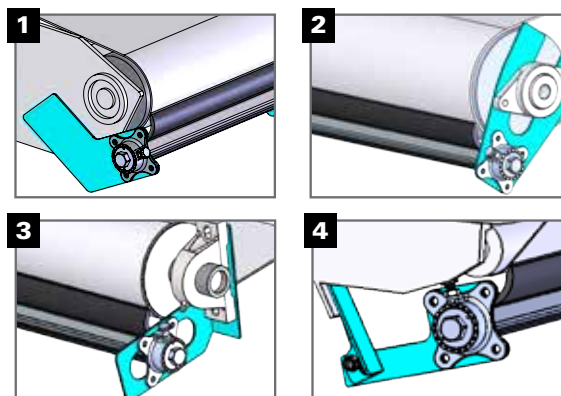
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Visit **www.flexco.com** for other Flexco locations and products.

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State-of-the-Art Endless Splicing Technology

Creating a perfect endless splice can be challenging – especially when every second of downtime is costing you money. With the Novitool® Aero® Splice Press, endless belt splicing just got easier, faster, and more consistent. The Aero Press is ideal for splicing lightweight, thermoplastic belting, and with cycle times as short as 8 minutes, the Aero allows your belt to be up and running fast, helping you minimize downtime and maximize productivity.

Quick Cycle Time

- Short cycle time of 8-12 minutes
- Forced air cooling in both top and bottom beams, along with fast cycle times allows the press to be used in a high volume belt shop splicing environment
- Portability, easy set up, and short splice time allows for on-site splicing with little downtime

Easy to Program

- Intuitive, easy to navigate HMI controls
- Over 1,000 splice recipes can be stored on the press

High Quality Splices

- Flexco has designed and constructed the press with the latest technology to ensure the finished splice is the highest quality for splice longevity
- Storage and retrieval of splice recipes ensures they are consistently used from operator to operator, and from tool to tool, for any specified splice parameter

$C\epsilon$

Patent number: US 9,090,022 B1 and other Patents Pending

✓ Internal Controls
✓ Internal Air Compressor
✓ Internal Top & Bottom Air Cooling Fans

Intuitive HMI Controls

The Human Machine Interface (HMI) controls and simple menu navigation allows users to enter or access splice parameters with ease.

- Scroll through and select text using the convenient rotary dial
- 4 lines of text display on screen
- Menus are simple and intuitive
- All splice parameters are managed through the single control
  - ▷ Top temperature
  - ▷ Bottom temperature
  - ▷ Pressure
  - ▷ Time
  - ▷ Preheat
  - ▷ Cool down temperature
  - ▷ Recipe storage and access

Programming the Aero® Press is particularly easy with an HMI control panel, and the intuitive scroll through navigation means you'll be producing your first high quality splice in no time.

*Integrated Air Cooling – cooling fans are positioned in both **top and bottom** beams, reducing cool down time after splice is complete. **Average splice times of 8-12 minutes** can be expected.*

*An exclusive feature of the Aero® is the ability to **store over 1,000 recipes** on the press.*

***Wide Effective Heat Zone** of 150 mm allows for easy positioning of the splice within the press.*

CE

***Designed to Meet Stringent Safety Requirements,** The Novitool® Aero® has been assessed by an independent company to meet CE requirements for high safety, health, and environmental protection, demonstrating the Flexco level of commitment to both Safety and Quality for our customers.*

NOVITOOL® AERO®
Splice Press

*Ability to set **independent temperatures** of top and bottom heating elements to ensure optimal splice.*

*The Aero Press **accommodates multiple voltages** based on the power cord selected. Refer to the chart below.*

Aero® Voltage Compatibility						
VOLTAGE	625	925	1225	1525	1835	2135
110V 1PH	X	X	X			
230V 1PH	X	X	X	X	X	X
230V 3PH	X	X	X	X	X	X
400V+N3PH	X	X	X	X	X	X
400V 3PH				X	X	X
460V 3PH				X	X	X

*Portable storage case** makes transport easy and includes storage for power cords. Shallow bottom makes it easy to remove larger presses.*

Aero® Recipe Management Tool

The proprietary Flexco Aero® Recipe Management Tool makes it easy to import, create, or modify recipes. Recipes can then be exported from the tool and transferred to your press via a USB flash drive. Users with multiple presses can quickly load the same set of recipes to all of their equipment.

99 recipes can be input and stored directly on the press, while 990 additional recipes can be input through the Aero Recipe Management Tool on your computer and transferred to the press via a USB flash drive.

The Recipe Tool allows for easy entry and modification of recipes. Recipes can be categorized in "Groups" for quick access.

Load saved recipes to ensure consistent, high quality splice performance, regardless of which technician is operating the press.

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NOVITOOL® AERO® Splice Press

Aero® Ordering Information

Belt Width		Ordering Number	Item Code
in	mm		
24	625	AERO-625	09000
36	925	AERO-925	09001
48	1225	AERO-1225	09002
60	1525	AERO-1525	09003
72	1835	AERO-1835	09004
84	2135	AERO-2135	09005

Aero® Tool Specifications

Specifications	Aero® 625	Aero® 925	Aero® 1225	Aero® 1525	Aero® 1835	Aero® 2135
Effective splice length	24.6" / 625 mm	36.4" / 925 mm	48.2" / 1225 mm	60" / 1525 mm	72.2" / 1835 mm	84" / 2135 mm
Effective splice width	6" / 150 mm	6" / 150 mm	6" / 150 mm	6" / 150 mm	6" / 150 mm	6" / 150 mm
Upper weight	40.2 lbs (18.23 kg)	54.2 lbs (24.6 kg)	67 lbs (30.4 kg)	96.2 lbs (43.6 kg)	110.2 lbs (50 kg)	124.8 lbs (56.6 kg)
Lower weight	45.8 lbs (20.8 kg)	59.1 lbs (26.8 kg)	72.9 lbs (33.1 kg)	100.8 lbs (45.7 kg)	115.9 lbs (52.6 kg)	132.3 lbs (60 kg)
Total weight	87.9 lbs (39.9 kg)	116.2 lbs (52.7 kg)	143.7 lbs (65.2 kg)	201.6 lbs (91.5 kg)	231.7 lbs (105 kg)	263.2 lbs (119.4 kg)
Length	32.5" / 825 mm	44.3" / 1125 mm	56.1" / 1425 mm	67.9" / 1725 mm	79.7" / 2025 mm	91.5" / 2325 mm
Height upper part	6.3" / 160 mm	6.3" / 160 mm	6.3" / 160 mm	7.3" / 185 mm	7.3" / 185 mm	7.3" / 185 mm
Height lower part	3.3" / 85 mm	3.3" / 85 mm	3.3" / 85 mm	5.5" / 140 mm	5.5" / 140 mm	5.5" / 140 mm
Overall height	9.6" / 245 mm	9.6" / 245 mm	9.6" / 245 mm	12.8" / 325 mm	12.8" / 325 mm	12.8" / 325 mm
Max. pressure	28 psi / 2 bar	28 psi / 2 bar	28 psi / 2 bar	28 psi / 2 bar	28 psi / 2 bar	28 psi / 2 bar
Max. temperature	392 ˚F / 200 ˚C	392 ˚F / 200 ˚C	392 ˚F / 200 ˚C	392 ˚F / 200 ˚C	392 ˚F / 200 ˚C	392 ˚F / 200 ˚C
Temperature ratings	-20C to +40C Operating -25C to +50C Storage	-20C to +40C Operating -25C to +50C Storage	-20C to +40C Operating -25C to +50C Storage	-20C to +40C Operating -25C to +50C Storage	-20C to +40C Operating -25C to +50C Storage	-20C to +40C Operating -25C to +50C Storage
Transport dimensions	41" x 18" x 19.4" 1024 mm x 456 mm x 492 mm	52" x 18" x 19.4" 1324 mm x 456 mm x 492 mm	64" x 18" x 19.4" 1624 mm x 456 mm x 492 mm	75.7" x 18" x 20.8" 1924 mm x 456 mm x 527 mm	87.6" x 18" x 20.8" 2224 mm x 456 mm x 527 mm	99.4" x 18" x 20.8" 2524 mm x 456 mm x 527 mm

Aero® Power Compatibility and Power Cord Specifications

Power	Country	625	925	1225	1525	1835	2135	Plug End	Ordering Number	Item Code
1ph 110V, 15A	USA	R	N/A	N/A	N/A	N/A	N/A		AERO-G3-CBL-110V1PH-N5-15	09006
1ph 110V, 20A	USA	R	R	R	N/A	N/A	N/A		AERO-G3-CBL-110V1PH-N5-20	09007
1ph 110V, 16A	UK	R	R	R	N/A	N/A	N/A		AERO-G3-CBL-110V1PH-IEC60309	09017
1ph 230V, 10A	AUS	F	R	R	N/A	N/A	N/A		AERO-G3-CBL-230V1PH-3112-10	09008
1ph 230V, 13A	UK	F	R	R	R	N/A	N/A		AERO-G3-CBL-230V1PH-BS1363-13	09018
1ph 230V, 16A	EUR	F	F	R	R	R	R		AERO-G3-CBL-230V1PH-ESHUKO-16	09009
1ph 230V, 30A	USA	F	F	F	F	R	R		AERO-G3-CBL-230V1PH-NL6-30	09010
3ph 230V, 20A	USA	F	F	F	R	R	R		AERO-G3-CBL-230V3PH-NL15-20	09011
3ph 230V, 30A	USA	F	F	F	F	R	R		AERO-G3-CBL-230V3PH-L15-30	09020
3ph 400V +N	EUR	F	F	F	F	F	F		AERO-G3-CBL-400V3PH+N-IEC60309	09012
3ph 400V no N	EUR	N/A	N/A	N/A	F	F	F		AERO-G3-CBL-400V3PH-N-IEC60309	09013
3ph 460V	USA	N/A	N/A	N/A	F	F	F		AERO-G3-CBL-460V3PH-L16-30	09014

(F= full power operation, R= reduced power operation)

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