Novitool®

NOVITOOL® AERO®
Splice Press

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 minimise downtime and maximise 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

✓ Internal Controls

✓ Internal Air Compressor

✓ Internal Top & Bottom Air Cooling Fans

CE

Patents: www.flexco.com/patents

www.flexco.com

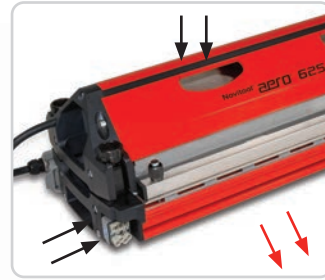**FLEXCO**

Novitool® Aero® Splice Press Connectivity

Utilizing Bluetooth® Technology, the Novitool® Aero® Splice Press connects through a simple-to-use Aero Mobile App to access and evaluate splice cycle data and manage updates to firmware for ongoing press advancements.

- Enhance the productivity of your press and improve splice reliability
- Keep up-to-date on all the latest technological improvements to the Aero Splice Press
- Utilize the Aero Dashboard to easily access splice cycle data for evaluation and troubleshooting
- Work directly with Flexco Aero experts for advanced splicing support and assistance
- Manage one press or many with the intuitive Aero Press technology
  1. Simply add your press to the Aero Dashboard
  2. Download the Aero Mobile App
  3. Connect to your press to transmit data

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.*

For easier handling in the workshop, the Aero® Workshop Stand is available for press widths 625, 925, and 1225. Using the stand helps improve workshop efficiency, yet the press is easily removed from the stand for job site use.

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

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

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.
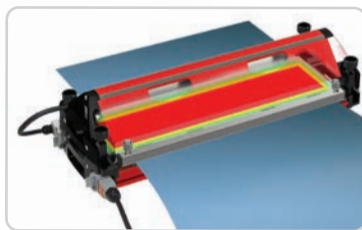

The Aero Press **accommodates multiple voltages** based on the power cord selected. Refer to the chart below.

Aero® Voltage Compatibility							
VOLTAGE	325	625	925	1225	1525	1835	2135
110V 1PH	X	X	X	X			
230V 1PH	X	X	X	X	X	X	X
230V 3PH	X	X	X	X	X	X	X
400V+N3PH	X	X	X	X	X	X	X
400V 3PH					X	X	X
460V 3PH					X	X	X

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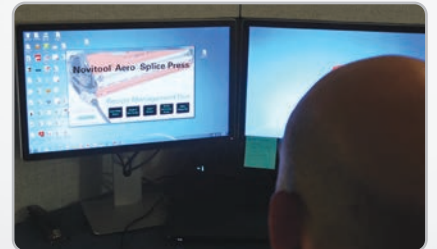

Wide Effective Heat Zone of 150 mm allows for easy positioning of the splice within the press.

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.

NOVITOOL® AERO® Splice Press

Aero® Ordering Information

Belt Width		Ordering Number	Item Code
mm	in		
325	12	AERO-325	09552
625	24	AERO-625	09000
925	36	AERO-925	09001
1225	48	AERO-1225	09002
1525	60	AERO-1525	09003
1835	72	AERO-1835	09004
2135	84	AERO-2135	09005

Aero® Tool Specifications

Specifications	Aero® 325	Aero® 625	Aero® 925	Aero® 1225	Aero® 1525	Aero® 1835	Aero® 2135
Effective splice length	325 mm / 12.8"	625 mm / 24.6"	925 mm / 36.4"	1225 mm / 48.2"	1525 mm / 60"	1835 mm / 72.2"	2135 mm / 84"
Effective splice width	150 mm / 6"	150 mm / 6"	150 mm / 6"	150 mm / 6"	150 mm / 6"	150 mm / 6"	150 mm / 6"
Upper weight	11.5 kg (25.0 lbs)	18.23 kg (40.2 lbs)	24.6 kg (54.2 lbs)	30.4 kg (67 lbs)	43.6 kg (96.2 lbs)	50 kg (110.2 lbs)	56.6 kg (124.8 lbs)
Lower weight	13.0 kg (29.0 lbs)	20.8 kg (45.8 lbs)	26.8 kg (59.1 lbs)	33.1 kg (72.9 lbs)	45.7 kg (100.8 lbs)	52.6 kg (115.9 lbs)	60 kg (132.3 lbs)
Total weight	24.5 kg (54.0 lbs)	39.9 kg (87.9 lbs)	52.7 kg (116.2 lbs)	65.2 kg (143.7 lbs)	91.5 kg (201.6 lbs)	105 kg (231.7 lbs)	119.4 kg (263.2 lbs)
Length	521 mm / 20.5"	825 mm / 32.5"	1125 mm / 44.3"	1425 mm / 56.1"	1725 mm / 67.9"	2025 mm / 79.7"	2325 mm / 91.5"
Height upper part	160 mm / 6.3"	160 mm / 6.3"	160 mm / 6.3"	160 mm / 6.3"	185 mm / 7.3"	185 mm / 7.3"	185 mm / 7.3"
Height lower part	85 mm / 3.3"	85 mm / 3.3"	85 mm / 3.3"	85 mm / 3.3"	140 mm / 5.5"	140 mm / 5.5"	140 mm / 5.5"
Overall height	245 mm / 9.6"	245 mm / 9.6"	245 mm / 9.6"	245 mm / 9.6"	325 mm / 12.8"	325 mm / 12.8"	325 mm/ 12.8"
Max. pressure	2 bar / 28 psi	2 bar / 28 psi	2 bar / 28 psi	2 bar / 28 psi	2 bar / 28 psi	2 bar / 28 psi	2 bar / 28 psi
Max. splice stack-up	15 mm / 0.6"	15 mm / 0.6"	15 mm / 0.6"	15 mm / 0.6"	15 mm / 0.6"	15 mm / 0.6"	15 mm / 0.6"
Max. temperature	200 ˚C / 392 ˚F	200 ˚C / 392 ˚F	200 ˚C / 392 ˚F	200 ˚C 392 ˚F	200 ˚C / 392 ˚F	200 ˚C / 392 ˚F	200 ˚C / 392 ˚F
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	-20C to +40C Operating -25C to +50C Storage
Transport dimensions	900 mm x 405 mm x 635 mm 35.4" x 16" x 25"	1200 mm x 405 mm x 635 mm 47.2" x 16" x 25"	1500 mm x 405 mm x 635 mm 59" x 16" x 25"	1800 mm x 405 mm x 635 mm 71" x 16" x 25"	2100 mm x 405 mm x 710 mm 82.7" x 16" x 28"	2450 mm x 405 mm x 710 mm 96.5" x 16" x 28"	2500 mm x 533 mm x 710 mm 98.4" x 21" x 28"

Aero® Power Compatibility and Power Cord Specifications

Power	325	625	925	1225	1525	1835	2135	Plug End	Ordering Number	Item Code
1ph 110V, 16A	F	R	R	R	N/A	N/A	N/A		AERO-G3-CBL-110V1PH-IEC60309	09017
1ph 110V, 20A	F	R	R	R	N/A	N/A	N/A	N/A	AERO-G3-CBL-110V1PH	09364
1ph 230V, 13A	F	F	R	R	R	N/A	N/A		AERO-G3-CBL-230V1PH-BS1363-13	09018
1ph 230V, 16A	F	F	F	R	R	R	R		AERO-G3-CBL-230V1PH-16A-UK	09021
1ph 230V, 32A	F	F	F	F	F	R	R		AERO-G3-CBL-230V1PH-32A-UK	09022
1ph 230V, 20A	F	F	F	F	R	R	R		AERO-G3-CBL-230V1PH-N6-20	09024
1ph 230V, 30A	F	F	F	F	F	R	R	N/A	AERO-G3-CBL-230V1PH	09365
3ph 230V, 16A	F	F	F	F	R	R	R	N/A	AERO-G3-CBL-230V3PH	09366
3ph 400V +N	F	F	F	F	F	F	F		AERO-G3-CBL-400V3PH+N-IEC60309	09012
3ph 400V no N	N/A	N/A	N/A	N/A	F	F	F		AERO-G3-CBL-400V3PH-N-IEC60309	09013
3ph 460V, 16-20A	N/A	N/A	N/A	N/A	F	F	F		AERO-G3-CBL-460V3PH-NL16-20	09023
3ph 440V 460V, 30A	N/A	N/A	N/A	N/A	F	F	F	N/A	AERO-G3-CBL-400V460V3PH	09367

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

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