

The Northtech iGlueSRCD is designed to help cabinet door manufacturers apply glue to stile and rail parts faster, cleaner, and more consistently than traditional manual methods. Instead of relying on a glue bottle, cup, brush, or profile-specific applicator, the iGlueSRCD automatically applies the right amount of glue exactly where it is needed for a strong, consistent bond. This helps reduce squeeze-out, cleanup time, glue waste, and the chance of rework caused by uneven or excessive glue application. The machine's scan mode allows the operator to quickly capture the part profile, while the remote access controls makes it easy to adjust, save, and recall glue programs for repeat jobs. With two work zones, the operator can keep production moving by gluing one set of parts while preparing or assembling another, helping overlap labor steps that are normally done separately. This is especially valuable for shops dealing with skilled labor shortages, because it reduces the need for hand-applied glue experience and creates a more repeatable and reliable process from operator to operator. The iGlueSRCD can apply glue to rails, stiles, or both, giving the shop flexibility across different cabinet door construction needs. For manufacturers looking to increase throughput, improve glue consistency, reduce mess, and modernize the stile and rail door assembly process, the iGlueSRCD provides a practical automation solution built around real production challenges.

WORKING CAPACITIES:

- **Length (Min/Max):** 100mm-∞
(4"-∞)
- **Width (Min/Max):** 32mm-127mm
(1.25"-5")
- **Thickness (Min/Max):** 16mm-32mm
(5/8"-1.25")

*Working Capacities are based on single piece feeding of dimensional stable product, without crossing safety lines

TECHNICAL INFORMATION:

- **Tooling:** No tooling, glue tips included
- **Electric:** Multi-tap 120V, 1PH, 60HZ and 200V-500V 3PH, 60HZ
- **Air Supply:** ¼" air line @ 90PSI; >1CFM recommended
- **Operating Sound Level:** (Approx.) 70dB @ 10ft
- **Machine/Shipping Weight:** 193kg/260kg
(4,23lbs/5,72lbs)
- **Machine/Shipping Dimensions:**
940x1067x1093mm / 940x966x1296mm
(37"x42"x43" / 37"x38"x51")



NT-iGlueSRCD

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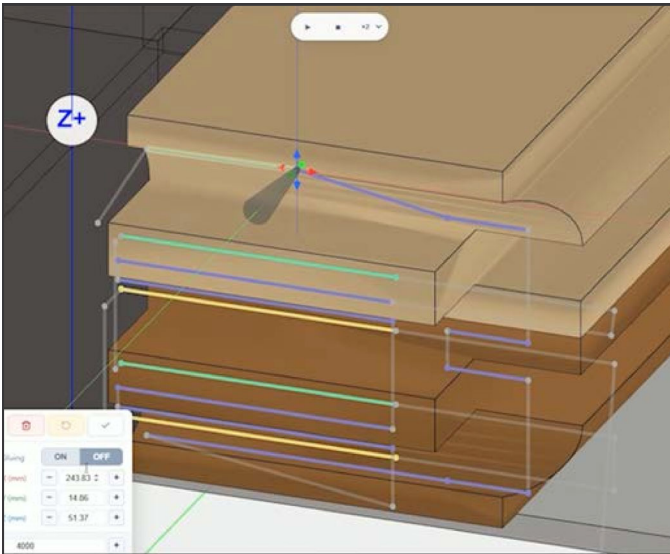
**The Northtech engineering team works to provide the industries strongest and most reliable machines available. Non-functional designs, specifications, and improvements are subject to change without notification. Projects subject to Northtech general rule of sale. Photos are for reference and all lead times are estimates.

KEY MACHINE FEATURES



Automatic Glue Path Scanning

- Automatically scans part to determine width, thickness, and creates a factory recommended glue path.
- The 4-axis glue head allows for precise glue placement on any type of wood panel.



Adjustable Glue Path

- Glue path adjustments can be made through any smart device.
- The system scan maps out a recommended glue path with adjustable points for customer specific requirements.



Glue Head

- The iGlueSRCD utilizes the same proprietary glue head found on the award winning and patented iGlue450 Automatic Gluer for Dovetail drawer boxes.
- The sealed no drip design uses a disposable glue tip.

NT-iGlueSRCD

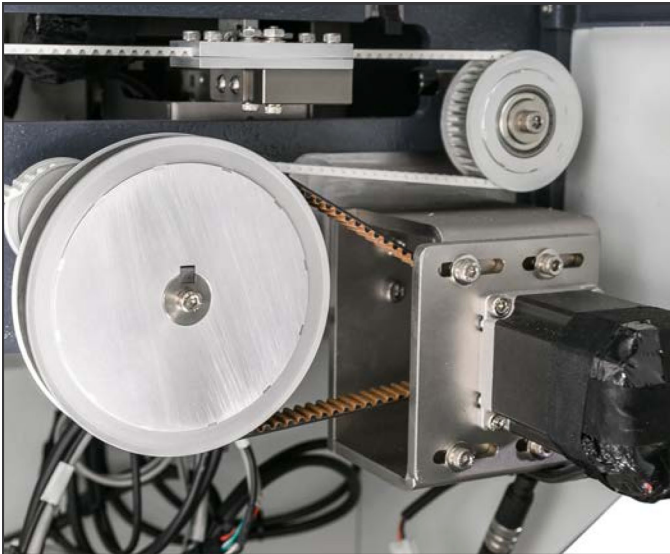
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KEY MACHINE FEATURES



Touchscreen Interface

- The HMI provides operator control through touchscreen navigation.
- Easily make machine adjustments and check production counts.



Servo Controlled Movements

- Cogged timing belts with servo motor positioning provide quick and repeatable glue application.



Water Bath

- Glue tip rests inside a water bath when not in use.
- Automatic sleep mode keeps glue tip fresh and ready for use.
- Operator can manually send glue head to sleep through HMI when there is a break in production.

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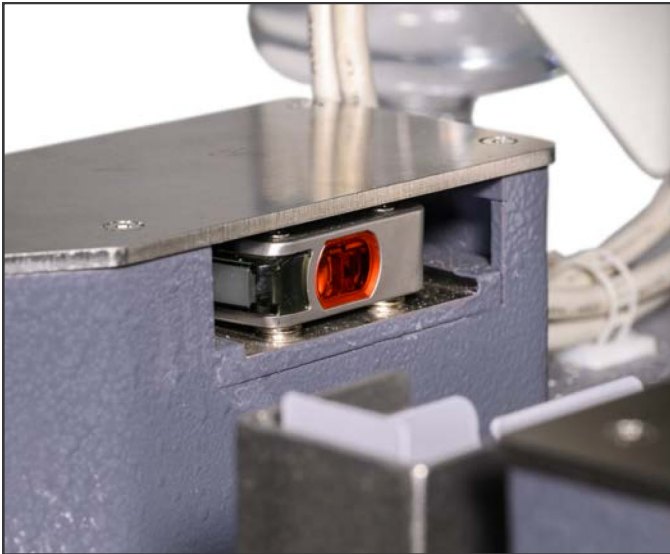
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KEY MACHINE FEATURES



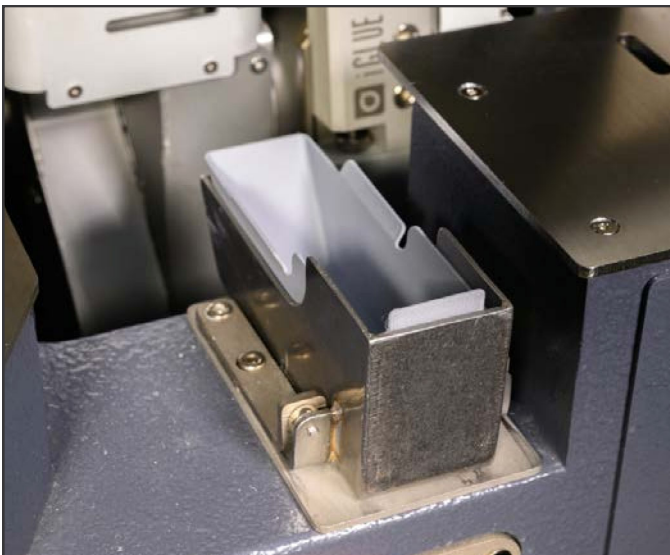
External Water Reservoir

- External water reservoir provides extra water for the water bath while giving the operator a visual gauge.
 - Water reservoir is equipped with quick connect release for fast fill ups.
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Laser Detection Sensor

- Laser calibration for confirmation of proper glue stream.
 - This double check method provides a higher degree of glue placement accuracy.
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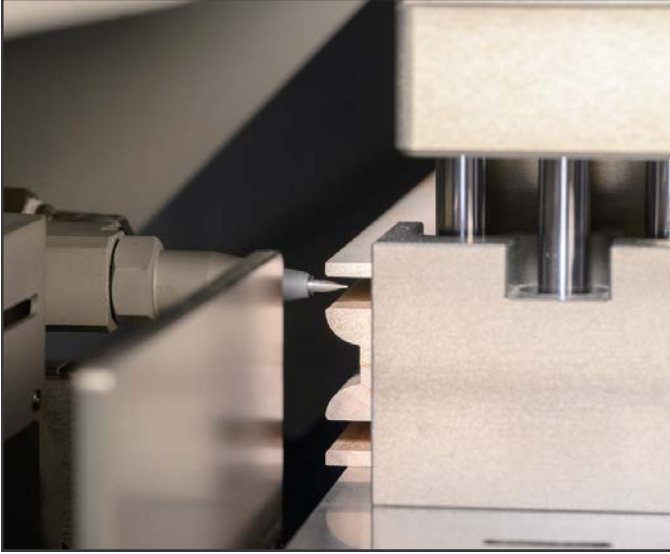
Waste Tray

- Glue tray liner fits snugly inside waste tray for quick and easy cleanup.
- The stainless steel waste tray is quickly removable.

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KEY MACHINE FEATURES



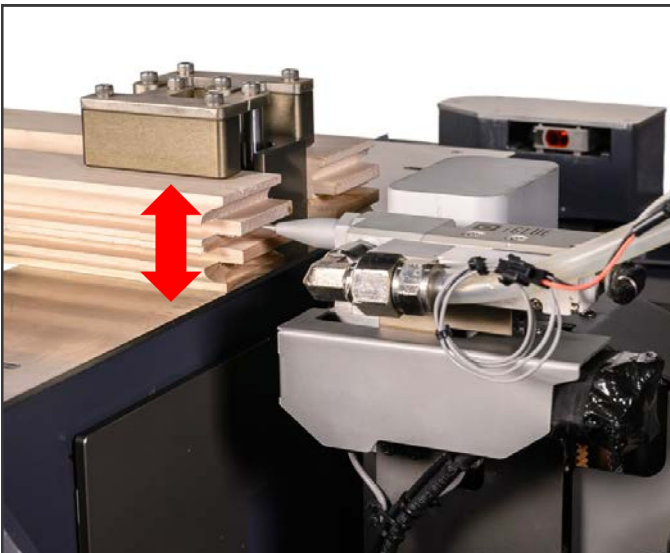
Positioning Gates

- Automatic dual axis positioning gates provide a solid reference point for operator part placement while retracting out and underneath the table for no glue mess.
- This dual axis motion ensures no movement of the part once placed in position by the operator.



Horizontal Positioning

- X-Axis movements for fast cycle times.



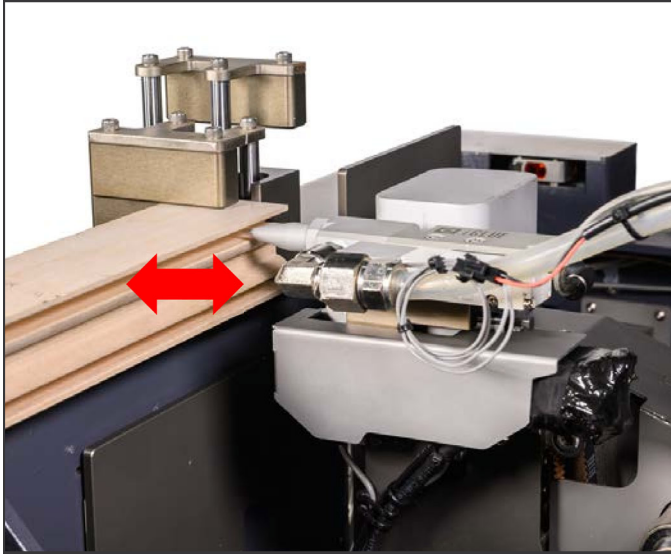
Vertical Positioning

- The Y-axis positioning allows for tip to surface movements resulting in precise glue placement.

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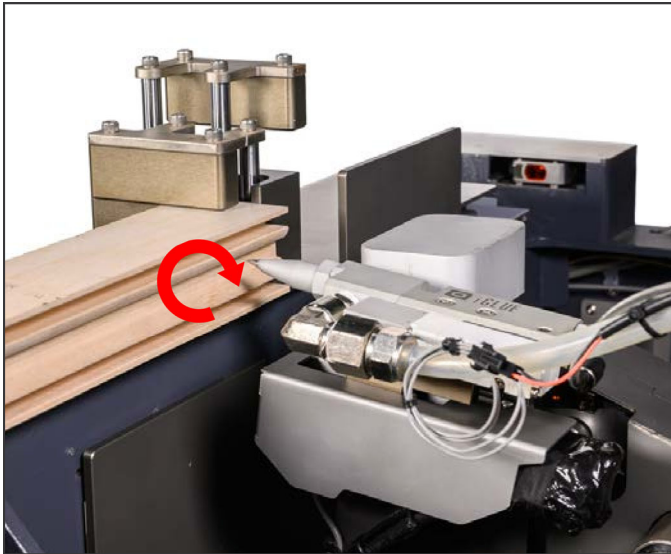
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Depth Positioning

- The Z-axis positioning and narrow glue tip design allow the iGlueSRCD to place glue inside the profile.



Rotating Positioning

- 8° uptilt A-axis allows assists with inverted face glue application.



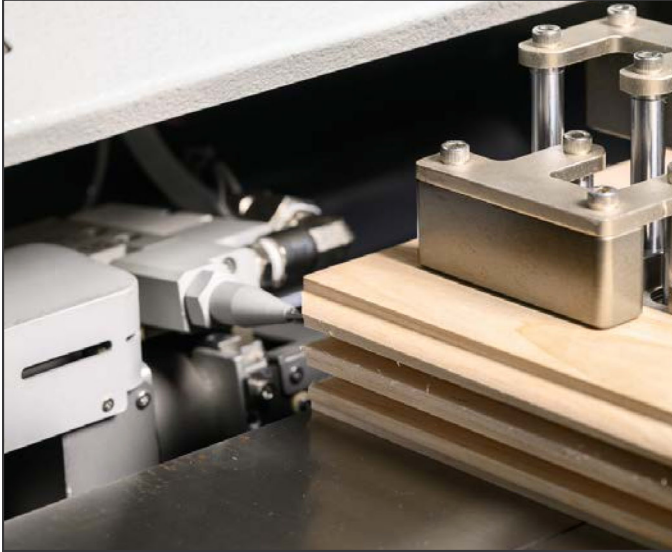
Rotating Positioning

- 8° downtilt A-axis allows assists with corner edge glue application.

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Lower Glue Usage

- The iGlueSRCD can glue over 4,000 parts or 2,200 doors out of a single gallon of glue.



On Board Printer

- The on-board printer allows the operator to print a QR code directly at the machine, enabling fast future recall of any customer-specific glue pattern.



Wi-Fi Connectivity

- Wi-Fi connectivity allows operator to use any smart device to connect to machine for glue path adjustments.

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KEY MACHINE FEATURES



QR Code Reader

- QR code reader allows for quick reference of pre-saved files at the machine.



Proprietary Glue Head

- Proprietary glue head allows for precise glue placement.



Pull Out Tray

- Pull out pressure pot tray allows for a compact machine size and easy access to pressure pots.

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KEY MACHINE FEATURES



Glue Pot

- Glue pressure pot includes individual pressure gauge, regulator, shut off valve, and quick connect glue line.
- Easily removed for adding glue or cleaning.
- 4L capacity.



Water Pot

- Water pressure pot includes individual pressure gauge, regulator, shut off valve, and quick connect glue line.
- On-board water pot allows operator to flush glue system quickly.
- 10L adjustable pressure water pot.



Pneumatic Connection

- Filter plus dual regulator included for single point pneumatic connection.
- Helps reduce pneumatic maintenance and extend machine life.

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KEY MACHINE FEATURES



Air Pressure Monitoring

- Air pressure monitoring provides a more reliable glue application by confirming the proper air supply is present prior to application.
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Shut off Valve

- Quick slide shut off with check valve keeps air in pot for longer glue life when air is disconnected or turned off for the day.
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Segmented Fence

- Precision machined support fence with cutout allows operator to quickly place and retrieve parts in both work areas.

KEY MACHINE FEATURES



Hold Downs

- The use of gravity hold downs keeps parts secure during glue application without the concern of smashed fingers.
 - The no contact application of glue eliminates the need for typical force hold downs.
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Emergency Stop

- Raised emergency stop mushroom button located on the front of machine for added safety.
 - Power indicator light lets operator know machine is ready to go, even when in sleep mode.
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Electric Disconnect

- Lockable electric disconnect on the side of machine for added safety during machine maintenance.

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KEY MACHINE FEATURES



Electrical

- UL/CE electrical components neatly organized and labeled inside enclosed electrical box.
 - Electrical installation, troubleshooting, and maintenance only to be done by experienced electrician.
 - Full electrical schematics located online and in the operator's manual.
 - A clean, organized electrical cabinet is important for machine reliability, quick troubleshooting, and premium serviceability.
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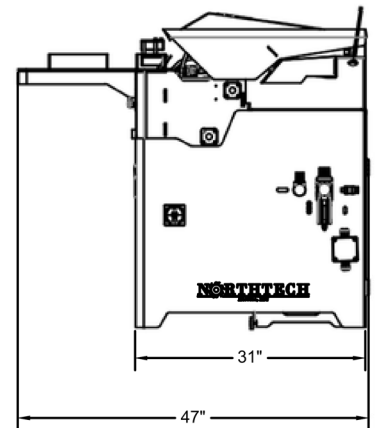
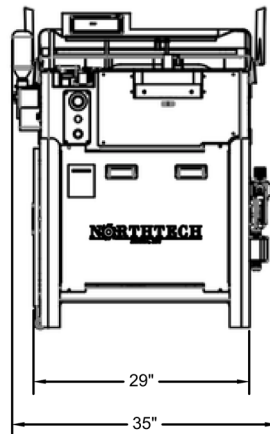
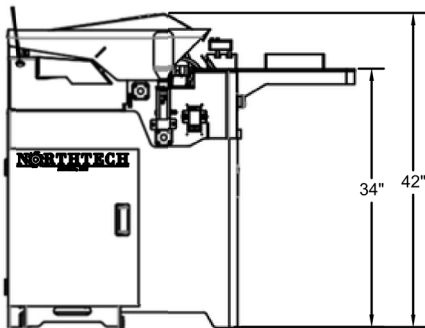
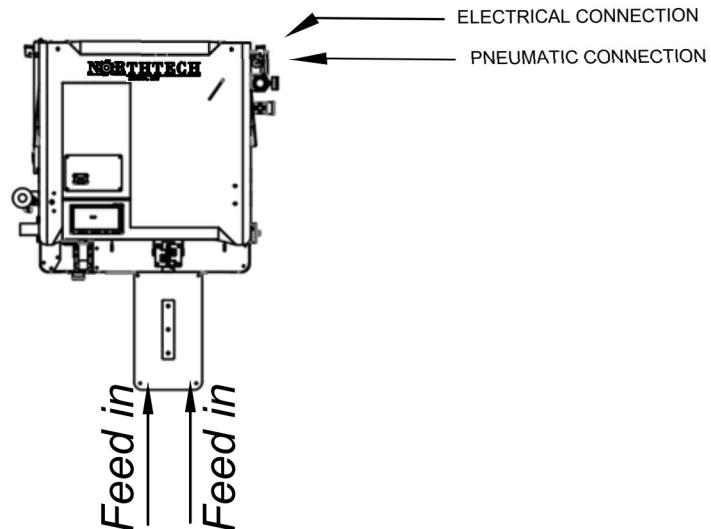


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****NO DUST COLLECTION CONNECTION REQUIRED**

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The iGlue Family



Model No.	iGlueSRCD	iGlue450
Application	Cabinet Door Stile and Rail	Dovetail Drawer Box
Max Thickness	(1-5/16")	(2")
Replaceable Glue Tips	Yes	Yes
Sealed Glue System	Yes	Yes
On Board Water Pot	Included	Optional
Auto Scanning	Included	Included
External Water Reservoir	Included	Included
Auto Sleep Mode	Included	Included
Pull out Glue Pot Tray	Included	Included
Hold-Down	Gravity	Pneumatic
Voltage	Multi-tap 120V, 1PH; 200-500V, 3PH	Multi-tap 120V, 1PH; 200-500V, 3PH
Machine Weight	193kg (423lbs)	136kg (300lbs)
Shipping Weight	260kg (572lbs)	187kg (412lbs)
Machine Dimensions	940x1067x1093mm (37"x42"x43")	165x559x1118mm (38"x20"x44")
Shipping Dimensions	940x966x1296mm (37"x38"x51")	1067x533x1245mm (42"x21"x49")

Built for Production. Designed to Last.

With over 45 years of industrial woodworking expertise we are focused on reliability, durability, and real-world performance needs.

A Proven Foundation:

- Northtech Industrial Machinery was founded in 1979 with a focus on rugged, dependable machinery
- Expanded into industrial equipment in the 1980s
- Dedicated to solid wood machinery since 1992

Built on Real Manufacturing Experience:

- Acquired by the Koetter family in 2016
- Backed by multi-generational woodworking expertise
- Equipment designed with insight from large-scale production environments

Designed for Daily Industrial Use:

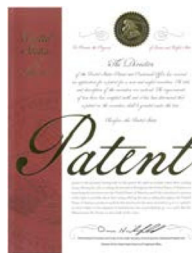
- Heavy-duty construction for long-term durability
- Consistent performance in demanding applications
- Practical designs focused on real shop needs

Built for Long-Term Support:

- Free online database of manuals & parts breakdowns
- Service documentation available dating back to 1984
- Over 30,000 parts in stock
- Knowledgeable and competent service team



AWFS Visionary Awards
2019, 2021, 2023



Patents:
US11097363B2
US20250018418A1
US12083701B2



IWF Challengers Awards
2022, 2024



A Dependable Partner

Balanced solution: performance, longevity, and service.