



FreeSet Series

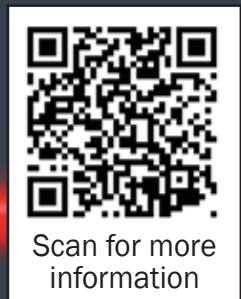
The Next Generation in Riveting Technology



**Efficient.
Smart.
Cordless.**



*Options vary by model



Sets Blind Rivets • Rivet Nuts • Lockbolts
With error-proofing and process monitoring

Smarter riveting starts here...

Safe

Improved **ergonomics** and greater freedom of movement create a safer workspace. Fewer hoses remove **trip hazards**, and the **oil-free design** eliminates leaks, seals, and air-related issues.

Consistent

Repeatable tool performance delivers **reproducible results**. Freetset helps train new operators and standardize technique across teams. **Reliable operation** maintains uniform quality and reduces variation.

Flexible


Programmable, customizable tools that can integrate **barcoding** and **Wi-Fi** to validate each riveting job, confirm the **correct sequence**, support maintenance needs, and verify joint quality.

Accurate

Integrated validation reduces mistakes and ensures every installation meets the required standards. Real-time monitoring of each installation provides clear OK/NOK results for complete **process confidence**.

Go Green
with eco-friendly technology

Cordless tools use 99% less energy than air compressors and can greatly reduce your CO₂ footprint. FreeSet riveters are green tech, with battery life optimized by a smart microprocessor and charger.

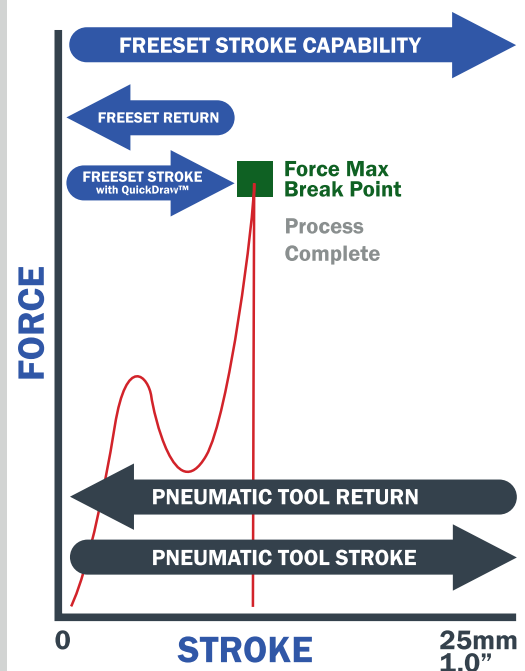


Offered in four configurations: -1, -1F, -2, and -3

Features	-1 Pull to stroke without process monitoring	-1F Pull to force without process monitoring	-2 Pull to stroke/current with process monitoring	-3 Pull to force with process monitoring
High power brushless motor	•	•	•	•
18V Battery (up to 2.5 and 5.0 Ah)	•	•	•	•
Local tool control	•	•	•	•
Tool recovery and cloning	•	•	•	•
Worklight	•	•	•	•
Multicolor display	•	•	•	•
Vibration alerts	•	•	•	•
Sound alerts	•	•	•	•
Customizable programs (up to 100)			•	•
Maintenance management system			•	•
Upgradable with WiFi			•	•
Upgradable with bar code reader			•	•
Controler compatible			•	•
Rivet count			•	•
Force sensor		•		•
On board calibration		•		•

QuickDraw™ Technology:

FreeSet tools are smart enough to know when a rivet is set. They don't have to complete the entire cycle before resetting. Instead, once the rivet has been set—the tool automatically returns for the next cycle.



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Unlock the full potential of FreeSet

Models

Select your tool from our wide lineup.



Category	Models
Blind Rivet Tools - Standard	RK-777C-1Q/2Q/3Q
Blind Rivet Tools - Structural	RK-777C-1STR/2STR/3STR
Rivet Nut Tools	RK-787C-1/2/3/1F
Lock Bolt /Collar Bolt Tools	RK-797C-1/2/3
Robotic Riveters	RK787-ROBORIV/RK777-ROBORIV

Q = Increased speed

STR = Increased pulling power (for structural rivets)

Control

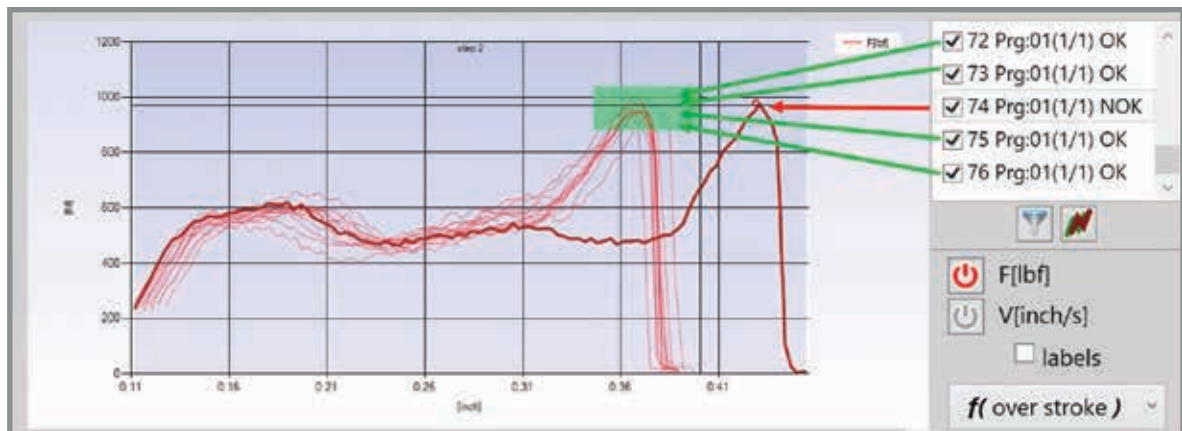
Our wide array of controllers enable seamless communications to your MES which results in efficient evaluation and backup of production data.



Model	Description
RK7MTC/RK7-MTC	Multitool WiFi Controller, 20 tools
RK7MTC-IO/RK7-MTC-IO	24V Digital IO + WiFi Controller, 4 tools
RK7MTC-PB/RK7-MTC-PB	Profibus Interface + WiFi Controller, 8 tools
RK7MTC-PN/RK7-MTC-PN	Profinet Interface + WiFi Controller, 8 tools
RK7MTC-OP/RK7-MTC-OP	Open Protocol Interface + WiFi Controller, 8 tools
RK7MTC-EP/RK7-MTC-EP	Ethernet IP Interface + WiFi Controller, 8 tools
RK7-MINICU	Mini Controller, 1 to 1

FreeSet Manager

Integrated process monitoring and data management software – included with every tool.



Results	
OK	Successful installation
NOK	Failed installation. In this case, an extended stroke length indicated that the material did not meet the required thickness.

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Power

Our high-quality Li-Ion batteries power your tools, while our chargers keep them fully charged. Choose the battery capacity and charging configuration that fits your production environment.

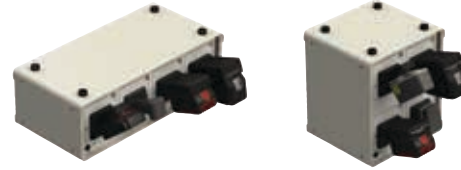
Batteries

Model	Specs
RK700-BATTERY1825	Li-Ion, 18V, 2.5Ah
RK700-BATTERY1850	Li-Ion, 18V, 5.0Ah



Chargers

Model	Specs
RK700-CHARGER	Battery Charger, 1 bay, 110V, Li-Ion
RK700-CHARGER-4C	Battery Charger, 4 bay, 110V, Li-Ion, Cubed
RK700-CHARGER-4R	Battery Charger, 4 bay, 110V, Li-Ion, Row



Upgrade

Customize your FreeSet tool to meet your unique application requirements with our full range of precision components and accessories.

Nose Pieces, Mandrels and Tubes

Item	Description
RK-777 Standard Nose Pieces	For Mandrel Diameters 2.4mm to 4.5mm (Rivets 1/8" to 1/4")
RK-777 Retention Nose Pieces	For Mandrel Diameters 2.4mm to 4.5mm (Rivets 1/8" to 1/4")
RK-777 Reduction Tubes	For Mandrel Diameters 1.5mm to 3.4mm
RK-787 Mandrels and Nose Pieces	All Thread Sizes from M3 to M12 SAE and Metric, w/wo Guide Tip
RK-787 Rivet Stud Adapters	All Thread Sizes from M4 to M12 SAE and Metric



Accessories

Item	Description
RK700-TOOL HOLDER	FreeSet Tool Holder, Max 42mm Diameter
RK700-HANGER	FreeSet Hanger Assembly
RK700-HANGER 2	FreeSet Hanger Assembly, Orientation Changing
RK777-CONTAINER-BL	FreeSet Mandrel Container, Black
RK777-CONTAINER-BAG	FreeSet Mandrel Bag, Blue
RK777-CONTAINER-BAG XL	FreeSet Mandrel Bag, Extra Large
RK700-BATTERY1825-COVER	FreeSet Battery Cover for Battery 1825
RK700-BATTERY1850-COVER	FreeSet Battery Cover for Battery 1850
RK777-VACUUM-ADP	FreeSet Vacuum Adapter
RK777-VACUUM-SYS	FreeSet Vacuum System, includes Adapter & Bucket



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