



FreeSet™

The Next Generation in Riveting Technology



**Efficient.
Cordless.
Process
Intelligence.**

For setting Blind Rivets,
Rivet Nuts & Lockbolts



Unplug from the ordinary

The RivetKing® FreeSet™ series of cordless riveters are the first of their kind - designed specifically to operate on par with pneumatic tools in a manufacturing environment. In many cases, FreeSet tools are actually faster while also delivering:

- Enhanced agility and versatility without air connections
- Smart tool technology for real-time process intelligence
- Lower operating costs with a more affordable energy source

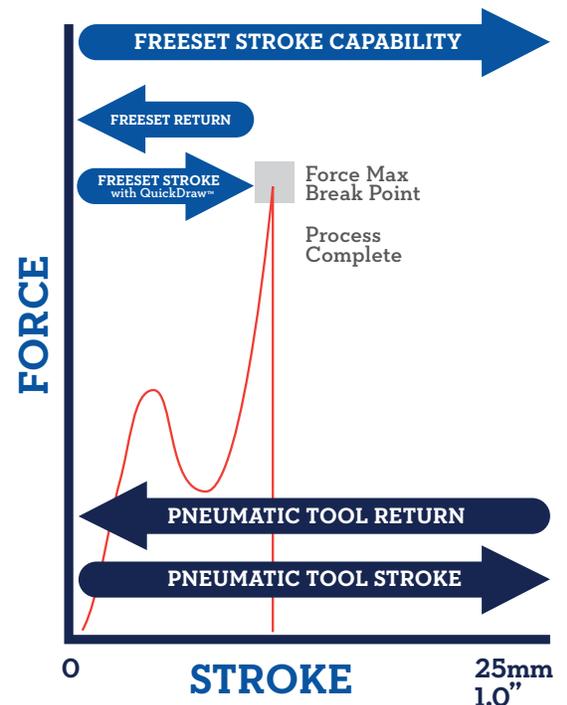
Offered in three configurations: Lite, Standard and Pro

	Lite	Standard	Pro
18V Battery with Battery Management System (up to 2.5, 5.0, or 7.5Ah)	●	●	●
High Power Brushless Motor	●	●	●
Worklight	●	●	●
Multicolor Display		●	●
USB Connectivity		●	●
Software		●	●
Motor Control		●	●
Rivet Counter		●	●
Maintenance Management Systems		●	●
Maintenance Interval Alarm		●	●
Bar Code Reader		○	●
Force Sensor			●
Rivet Qualifier			●
Operator Feedback		⊕	●
Memory Card			●
WiFi Connectivity			●
Connection to Plant PLC			○+
Integration with Quality Management Software			○+
Integration with Live Work Instructions			○+

● Standard ○ Optional Feature ○+ Pro Plus ⊕ Limited Functionality

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, as soon as a rivet has broken - the tool automatically returns for the next cycle.



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Consistency:

Because tools don't rely on an external power source, there is less variability in operation caused by pressure drops common with compressors. The Battery Management System prevents users from starting a job if battery life is too low, removing risk of a shutdown mid-installation.

Flexibility:

FreeSet tools can be programmed for a number of different jobs and functions, each of which can be linked to a unique barcode. To begin an installation, users simply scan the barcode on the item to be assembled, and the tool knows what is required to complete the job. The tool can even support multiple setups within one application, either through a defined riveting sequence or via barcode validation.

Accuracy:

If an application calls for 24 rivets to be set, the tool can be programmed to prevent the operator from moving on to the next task until all 24 have been set. This ensures the proper number of rivets have been installed, helping mitigate potential manufacturing liability.



Cord-free
tools for setting
**Blind Rivets,
Rivet Nuts &
Lockbolts**



A more intelligent tool

FreeSet tools offer advanced process monitoring and radio communication, which allow you to integrate data into your manufacturing systems.

FreeSet™ PRO

FreeSet PRO even delivers affordable process monitoring with OK and NOT OK green and red indicators on an easy-to-read LCD screen. This lets the operator know if an install is good or bad in real time. In addition to programming a range of tasks, you can define how often each tool needs maintenance and set alarms accordingly. Our PRO tool also collects data on installation for:

Break load
and stroke

Performance
of rivet lots
and batches

Operator
performance

Application
requirements
(hole size,
grip range, etc.)

Results can be stored in the riveter's memory card or exported via USB to an Excel spreadsheet for analysis.

Using WiFi, FreeSet PRO enables you to connect to a programmable logic controller (PLC) or a compatible software. Information can then be sent directly to an on-floor display or a supervisor to further promote safety and compliance.





Go Green

with eco-friendly technology

Cordless tools use 99% less energy than air compressors and can help significantly reduce your CO2 footprint. Plus, FreeSet riveters are considered green technology as battery life is managed and extended by the tool's microprocessor and a smart charger.



A Safer Work Environment

Disconnecting from air lines:



De-clutters work stations and minimize trip hazards with fewer hoses



Enhances ergonomics and allows operators to move freely, even in small spaces



Improves air quality since no oil is emitted into the atmosphere

Benefits at a Glance

Cordless

QuickDraw Technology increases speed

No pressure drops caused by compressors

No leaky line maintenance

Smart

Break load/installation force measurement

Process monitoring

Data logging with USB and WiFi transmission

Safe

Eliminates trip hazards

Improves ergonomics

Improves air quality

Easy

Less maintenance

No O-rings or oil

Minimal downtime



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