Electronic Tool Control

At the Christchurch Engine Center

henchman
p r o d u c t s

The project

Our customer, a large Aviation MRO facility in Christchurch, New Zealand, was looking at the available options for Electronic Tool Control (ETC). They introduced the henchmanTRAK system into their Test Cell in 2018. After weighing up the pros and cons of all the tested systems, they came to the decision to elect Henchman to be the supplier of their new ETC.

The customers decision

One of the main reasons was the ability to customize the rollcab to meet the customers specifications and specialized tools without compromising their needs. In addition, the tracking system fulfilled all their expectations. The Henchman team worked with the customer and offered suggestions on tool selection and layout and, prior to cutting and assembly, gave them detailed designs of each drawer.

To have an electronic system that removes human error from tool accountability, that is easy to use, has proven itself to track and trace with accuracy in a multi person/shift operation has been a great step forward to ensure airworthiness and product integrity.

> "I have no issues with recommending this system to any potential consumer and would host any visitor or offer verbal communication on the Henchman kabTRAK system."
>
> Wesley Hunter,
> Operations Manager

The benefits of Electronic Tool Control

- Fast & Effortless: Find tools faster, monitor broken/service and replacement
- Safe: Check if complete (Part 145/FOD)
- Transparent: Tools missing, service/replacement needed – on screen / in app
- Efficient: Safe time and money looking for misplaced tools
- Custom-build: Fully customizable and scalable to your requirements

About Henchman

Henchman Products is an international single-source supplier of premium tools, specialised tooling solutions and toolkits for specialised industries such as aerospace. Henchman Toolkits are renowned for their superb quality finish and design and are available for purchase globally.
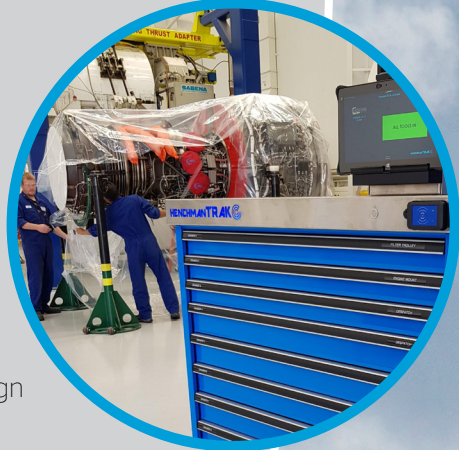
Over the last 20 years Henchman has set a benchmark and has gained respect, loyalty and presence in the Aerospace industry.

We operate a ISO9001:2015 approved Quality Management System and hold many global distributorships for the worlds best tools, including: Proto Industrial, Knipex, Wiha Premium Tools, Stahlwille Tools and many more.

Whatever your requirements, with our range we can empower you to track your tools accurately.

Electronic Tool Control

Our henchmanTRAK system

Electronic Tool Control with henchmanTRAK

HenchmanTRAK is an innovative and effective system for ensuring tools are never left on an aircraft, as well as improving productivity and saving money and time in searching for and replacing lost tools, therefore meeting the current requirements for tool accountability in the Aerospace industry.

The risk of FOD is signifi cantly minimised by giving complete accountability and record keeping of all tools against tail numbers and/or works order. No RFID tags or tool modifi cations are required for hand tools, allowing our system to accept almost any tool, large or small.

We can integrate with existing tools but more often we supply a turnkey solution fitted with the tools that meet your requirements.

Cutting edge sensor technology is utilized to help you comply with regulations such as PART 145. Automate your tool control to a whole new level.

The henchmanTRAK family

The system currently consists of three key physical products:

- kabTrak is an electronically controlled tool cabinet fi tted with our sensor system as well as custom-cut two-coloured foam inlays for fast Visual Tool Control. The interactive touch display screen is easy to use, tracking the issue and return of hand tools and smaller items – directly at your jobsite.

- portaTrak is a unique tracking system to track the issue and complete return of portable toolkits using accurate weight measurement.

- cribTrak bridges the gap using RFID tagging and/or barcoding to monitor manual tool movement. This scanning system is used to track the issue and return of portable toolkits or power tools from/to a toolcrib.

All data is stored on a cloud server and centrally viewable on the henchmanTRAK smartphone App or any desktop. Providing detailed monitoring and reporting on all tool movements and status across all locations is making replacement or service scheduling easy.

Innovative Sensor Technology

Unlike other Electronic Tool Control Systems that use scanning systems or require tool modifi cations, kabTRAK is fi tted with a highly sensitive sensor system developed by Henchman.

- No size restrictions: Track tools and consumables in almost any shape and size – down to a drill bit with a two milimeter diameter.

- No light interferance: The sensors are not aff ected by bright light, making it possible to use the cabinet in any spot – indoors or outdoors.

- No opening and closing drawers: Even with an open drawer, each movement of a tool is tracked and reported.

CASE STUDY – AEROSPACE