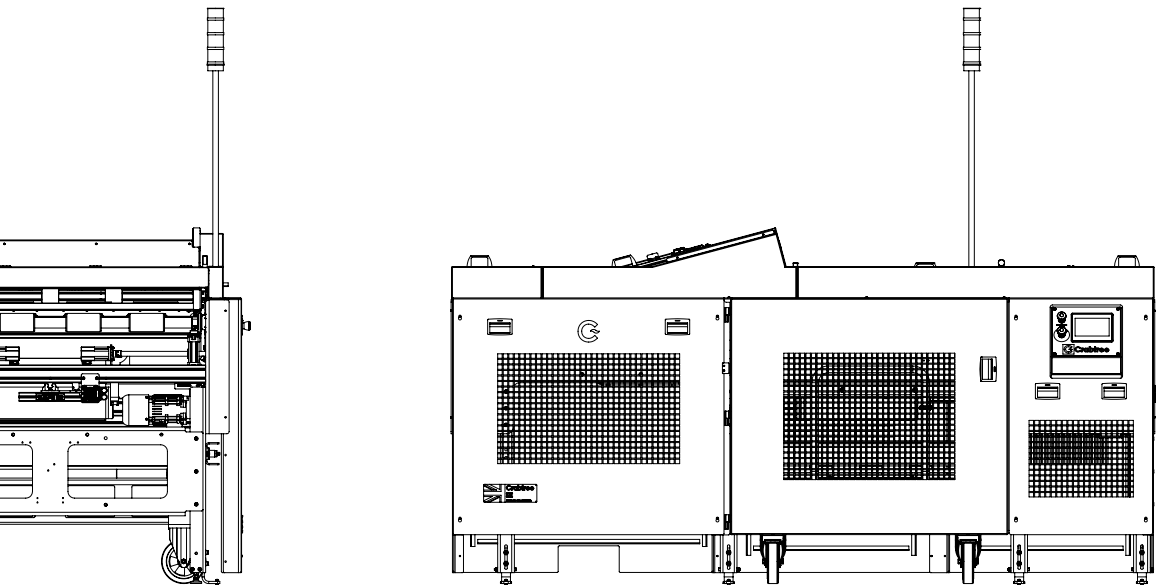


SHEET MANAGEMENT SYSTEMS

ENGINEERED PRODUCT SOLUTIONS



Upgrades

Crabtree applies decades of expertise to help your business grow through innovative upgrades and tailored solutions.

As the OEM, we have a wide range of bespoke upgrade paths for all of our machinery designed to enhance your production capabilities.

We are always open to developing new solutions, with support from our Technical and R&D department, please contact us to discuss how we can support you.



Spares

We manufacture all of our precision OEM components from our expansive site in Gateshead, UK.

With over 30,000 specialist components in stock, we have quick turnaround for urgent spares, ensuring minimal downtime and uninterrupted operations.

- ~ OEM spare parts for all Crabtree products
- ~ Extensive stock for quick despatch
- ~ Full warranty on all parts

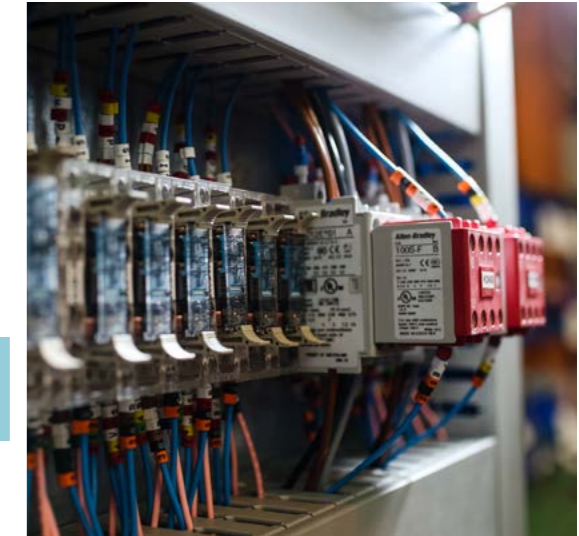


Contract Levels

LEVEL 1 Online support

LEVEL 2 1 visits per year

LEVEL 3 2 visits per year



Included

- ~ Free online support for the duration of the contract. Including online fault finding via modem where applicable.
- ~ Training for operators and maintenance personnel.
- ~ Audit of Crabtree equipment to highlight essential areas of concern.
- ~ Set Machine back to factory settings.
- ~ Planned preventive maintenance.
- ~ Advice on printing procedures.

Service Support

Backed by a global network of highly experienced service engineers, we make sure all of our Crabtree equipment runs smoothly.

We provide the following:

- ~ Installation of new Crabtree equipment
- ~ Onsite support and repairs, available worldwide
- ~ Full mechanical and electrical surveys
- ~ Upgrades and refurbishment for print optimisation
- ~ Targeted training for operators and maintenance personnel
- ~ Remote support and diagnostics



Inline Sheet Management System (SMS)

Crabtree's SMS (Sheet Management System) is our premium solution for inline sheet management and quality inspection. Designed to enhance efficiency and minimise waste, the modular system adapts to your production needs.

Choose from three specialised options:

~ 1. Overhead Eject Tray

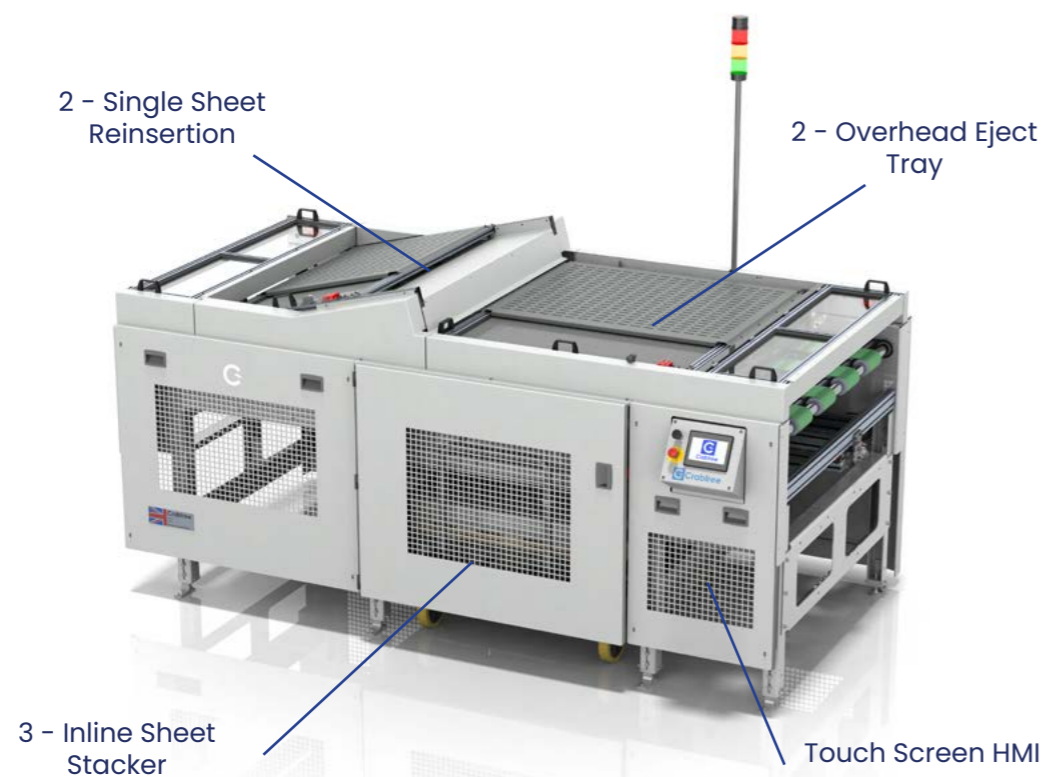
Eject up to 20 sheets for quality inspection or small batch removal without interrupting production.

~ 2. Single Sheet Reinsertion

Safely reintroduce individual sheets into the production line using advanced servo drive technology.

~ 3. Inline Sheet Stacker

Stack up to 200 sheets with precision using CNC side guides and a dynamic braking system, ensuring sheets remain undamaged and reusable (tested up to production speeds of 8000SPH).



Each option is retrofit-ready and easily integrates with your existing setup.

Whether used independently or as part of a complete system, Crabtree's SMS delivers unmatched reliability and precision.

~ Precision Handling

Dynamic braking system and CNC side guides keep sheets undamaged and fully reusable.



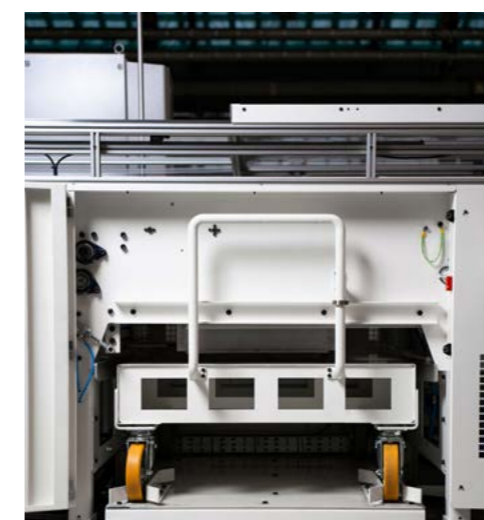
~ Retrofit Capability

Easily integrates into existing setups with a standalone electrical system



~ Waste Reduction

All rejected sheets are guaranteed damage free and can be re-used as start of line waste sheets. All top inspection sheets can be safely re-inserted back into the production line.



~ Enhanced Quality Inspection

Overhead eject tray and reinsertion facilitates quality inspection without disrupting production.



~ High Capacity

Inline sheet stacker handles up to 200 sheets, with an extractable dolly system for safe removal.

~ Minimal Manual Interaction

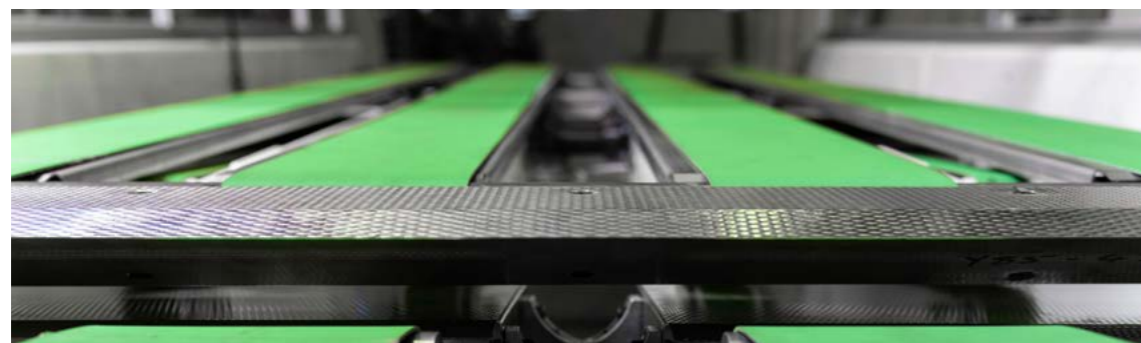
Designed for ease of use and operational safety.



Our Basic SES offers a compact, cost-effective solution for low-speed sheet ejection and camera system rejects. Designed for simplicity and efficiency, it's ideal for start-of-line wasters and manual inspection.

Key Features & Benefits

- ~ **Flexible Configuration:** Adjustable frame mounting position allows it to suit nearly every conveyor.
- ~ **Precision Handling:** Adjustable rubber cushions prevent any sheet damage during handling.
- ~ **Versatile Sheet Compatibility:** Suitable for various sheet sizes, including 510 x 1000 and 720 x 1200.
- ~ **Compact Design:** Takes up minimal space with a compact 2-meter length.
- ~ **Efficient Sheet Removal:** Sheets are easily removed using a sliding drawer mechanism.
- ~ **High Capacity:** Tray capacity of 25 sheets.
- ~ **Seamless Integration:** Can function with a standalone electrical control system or integrate with existing Crabtree lines.
- ~ **Waste Reduction:** Ideal for use with start-of-line waste sheets, ensuring they are safely handled and reusable.



Designed to be as simple as possible, the bolt-on Overhead Eject Tray is the go-to for a basic eject system.

Key Features & Benefits

- ~ **Enhanced Inspection Capability:** Ideal for thorough sheet inspection, ensuring accurate quality control.
- ~ **Precision Handling:** Adjustable motorised nip rollers provide controlled reject.
- ~ **Flexible Fit:** Drop-down, adjustable fingers accommodate any conveyor belt arrangement.
- ~ **Customisable Mounting:** Adjustable frame mounting position ensures compatibility with nearly every conveyor.
- ~ **Versatile Sheet Compatibility:** Supports all sheet sizes, including 510 x 1000 and 720 x 1200.
- ~ **Safe Handling:** Rubber cushions prevent any damage to sheets during processing.
- ~ **Efficient Sheet Removal:** Sheets are safely removed using a sliding drawer guard mechanism.
- ~ **Easy Maintenance Access:** Tray can be lifted with gas springs, providing easy access to the area below the conveyor.
- ~ **Medium Capacity:** Capable of ejecting up to 15 sheets at once
- ~ **Standalone Operation:** Features a standalone electrical control system for independent operation.
- ~ **Waste Reduction:** At low speeds (below 4000SPH) Suitable for ejecting start-of-line waste sheets



Book Your Free Online Consultation Today

We invite you to schedule a free online consultation to discuss your specific needs in the following areas:

- ~ New Machinery
- ~ Spares & Upgrades
- ~ Service & Maintenance
- ~ Technical & Operational Requirements

To book your consultation, please email: info@crabpress.co.uk

A member of our team will promptly arrange a convenient time for you.



Crabtree are dedicated to continuous improvement and therefore reserve the right to modify design features and technical specifications without notice

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