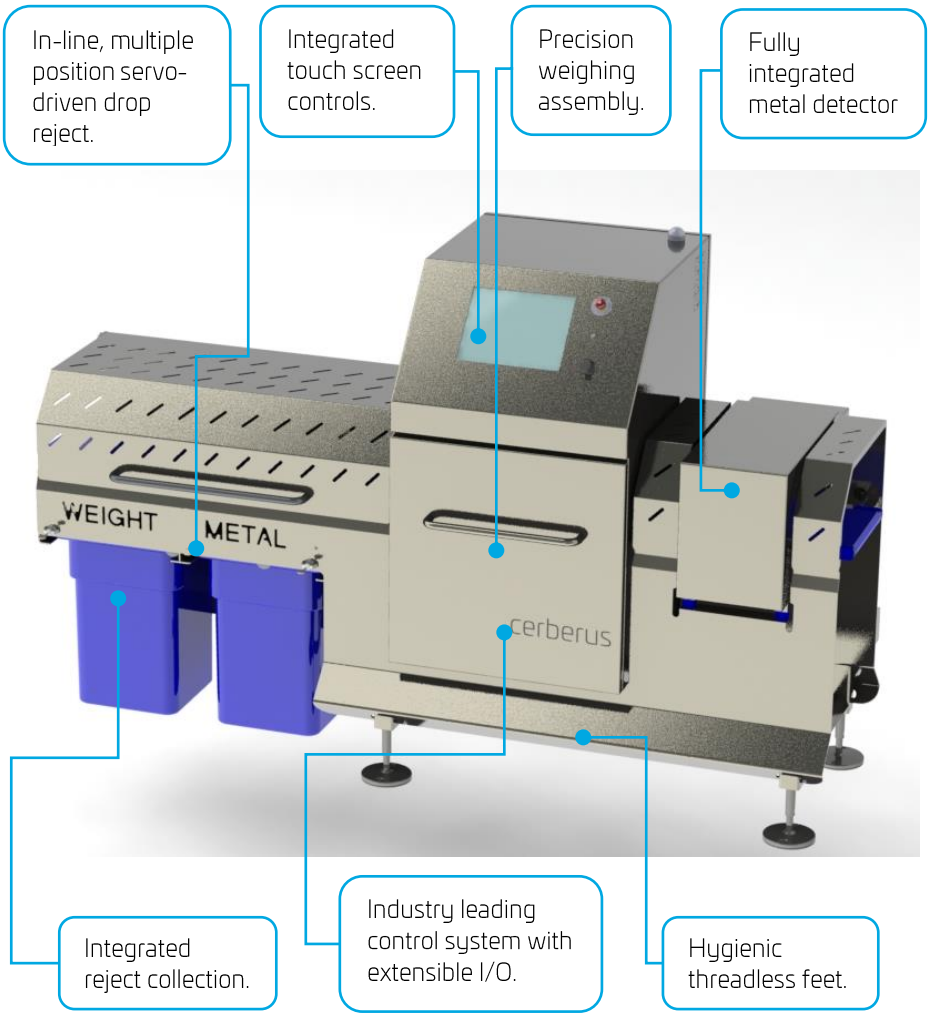
Cerberus

sparc SYSTEMS

- Hygienic frame design.
- "No tool", lift off and disassembly conveyor design for easy maintenance.
- Brushless DC motor technology.
- 15 inch Menu Driven TFT display.
- 304 Stainless steel, IP65 panel.
- Password protected system access levels.
- Recipe driven/product code support.
- Automatic zero tracking.
- Fully configurable recipes.
- Multi product support (up to 1500).
- Selectable weighing regime (minimum, "e" mark, mean weight tracking).
- On screen self diagnostics.
- Mains power disconnect switch (suitable for use with lock-out tag-out procedures).
- Safety Circuit
- USB port for non-networked data extraction and software updates.
- Sleep mode function for power saving
- Networkable for data collection and SCADA integration.
- Volt free contacts for line integration.
- Seamless, single point control of checkweighing and metal detection through one HMI.



The Cerberus is designed to take on the most demanding of checkweighing and metal detection applications. Developed to be robust in food production environments it features hygienic design realised in stainless steel and food safe plastics.

Manufactured to be easy to maintain, the Cerberus can be disassembled for cleaning and hygiene without the use of tools, decreasing changeover time and increasing OOE.

The in-line, multi-position, servo-driven, drop reject conveyor allows for seamless rejection of out of tolerance or contaminated product at high speed, combined with full reject integrity to satisfy the latest supermarket codes of practice.

Industry leading controls integrate the latest COP features and reporting with improved ease of access to data.

The easy to navigate touchscreen interface gives the operator easy, visible access to an overview of live data and batch information with access to more in depth information only a press away.

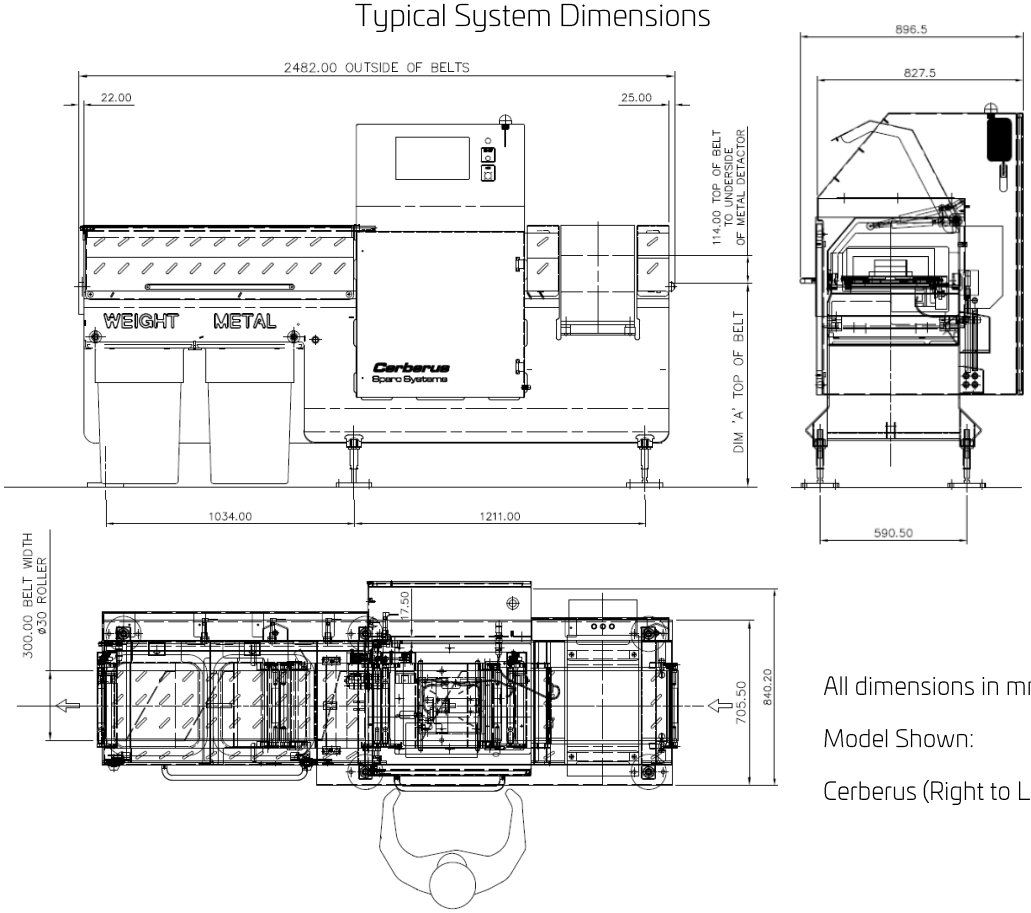
Sparc Systems Limited, Sparc House, Merebrook Business Park
Hanley Road, Malvern, Worcestershire, WR13 6NP
t: +44 (0)1684 310000 f: +44 (0)1684 310000 w: www.sparc-systems.com
Registered in England: 1269151

CERTIFIED ISO 9001:2015 SafeContractor APPROVED PPMA

Cerberus

sparc SYSTEMS

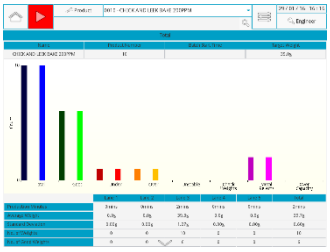
Typical System Dimensions

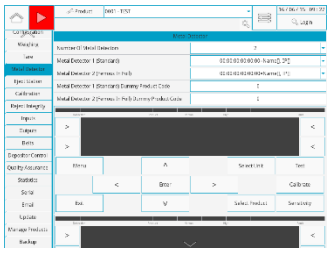


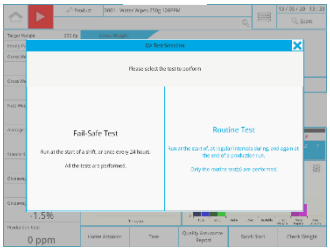
All dimensions in mm.

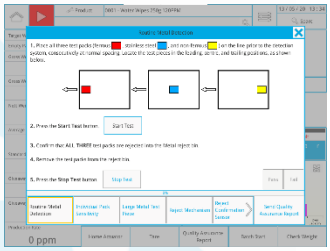
Model Shown:

Cerberus (Right to Left)









Specifications	Cerberus
Weighing Capacity	50-6000g
Maximum Belt Speed	120m/min
Weigh Conveyor Size	300mm (W) x 530mm (L)
Throughput*	Up to 200ppm
Maximum Product Length**	300mm
Achievable Accuracy***	+/- 0.75g
Direction of Travel	Right to Left, Left to Right
Line Height	850mm +35-10 to 1000mm +/-35mm
Supply Voltage	110 or 230V 1ph N+E 50/60Hz
Typical Power Consumption	400W
Maximum Product Height	100mm
Typical Detection ****	1.2mmFe, 1.5mmNFe, 2.0mmSS

* Depending on product size and stability.
** Depending on throughput.
*** Depending on weight, throughput and product stability.
**** Depending on product effect (sensitivities shown based on dry product).

Sparc Systems Limited, Sparc House, Merebrook Business Park
Hanley Road, Malvern, Worcestershire, WR13 6NP
t: +44 (0)1684 310000 f: +44 (0)1684 310000 w: www.sparc-systems.com
Registered in England: 1269151

CERTIFIED ISO 9001:2015 SafeContractor APPROVED PPMA