

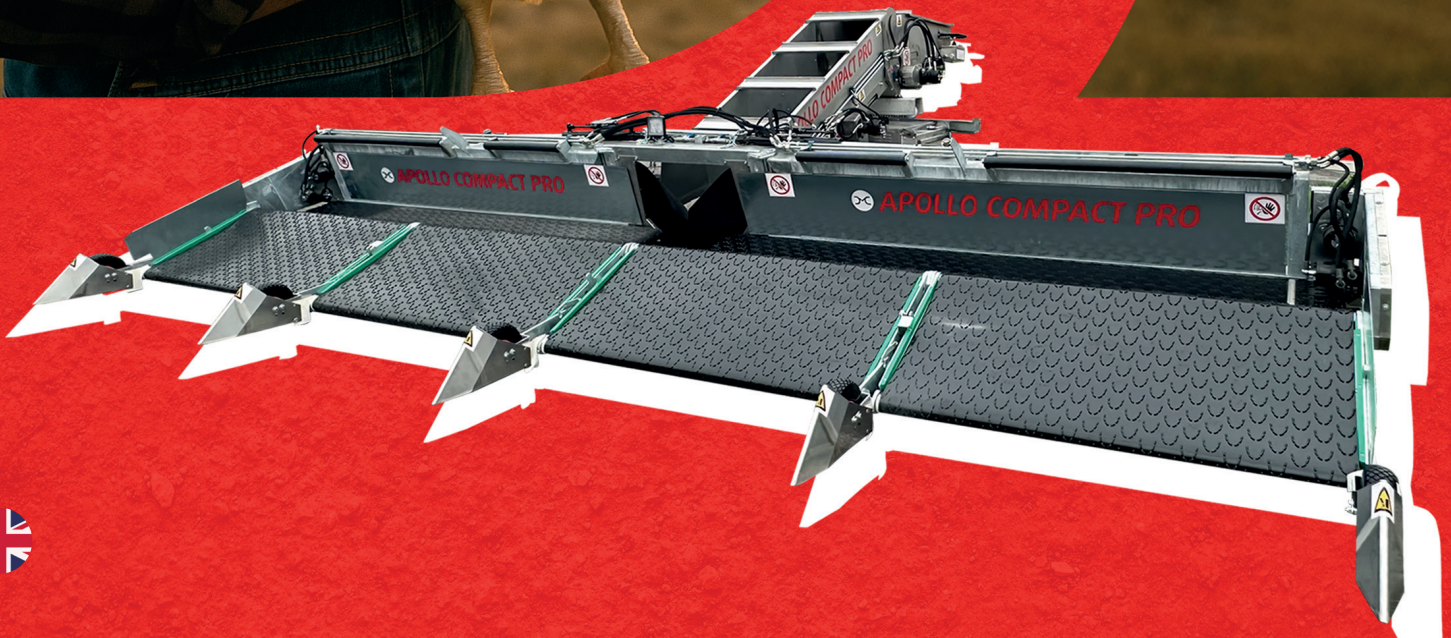


CMC INDUSTRIES
POULTRY TECH



Apollo Compact Pro

Smart. Compact. High-performance.





CMC INDUSTRIES

POULTRY TECH

TECHNOLOGY AND MARKET LEADER



Innovation



Animal Welfare & Biosecurity



Productivity & Quality



Since 1972, **CMC Industries** has established itself as a well-structured holding company with two divisions: **CMC Poultry Tech**, serving the poultry sector. **CMC Intralogistics**, specialising in materials-handling logistics.

CMC Poultry Tech is internationally recognised as the **leading name in the poultry industry** for designing and producing automated systems for live-animal handling and loading.

We offer a broad range of advanced products developed to meet customer needs while ensuring the highest standards of **efficiency, animal welfare** and **biosecurity**.

CMC Industries' portfolio of solutions delivers improved productivity, enhanced quality and lower costs, supported by dedicated **after-sales** service and expert consultancy.

CMC Poultry Tech's **distribution network** spans the globe, with products exported worldwide. In 2018, the company established **CMC Industries North America Corp.**, expanding its direct presence in the United States. This demonstrates its ongoing commitment to providing high-quality service as close to customers as possible.

Every CMC Poultry Tech product is designed in compliance with the **European Hygienic Engineering and Design Group (EHEDG)** guidelines, ensuring the highest standards of biosecurity.



MADE IN ITALY
since 1972

CMC HEADQUARTERS

CMC NORTH AMERICA CORP.

+50

Countries
across **5 continents**

95% Market share

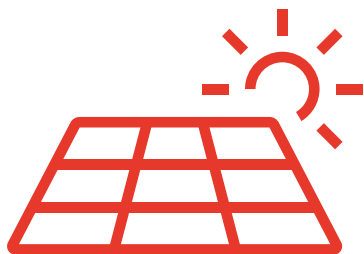
5% Turnover in R&D

57 Registered patents





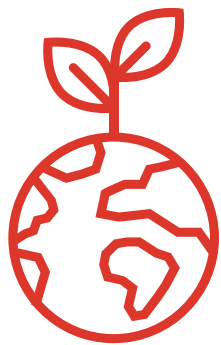
100%



990 KWP
NOMINAL POWER OF THE
PHOTOVOLTAIC SYSTEM



Fully Energy Independent

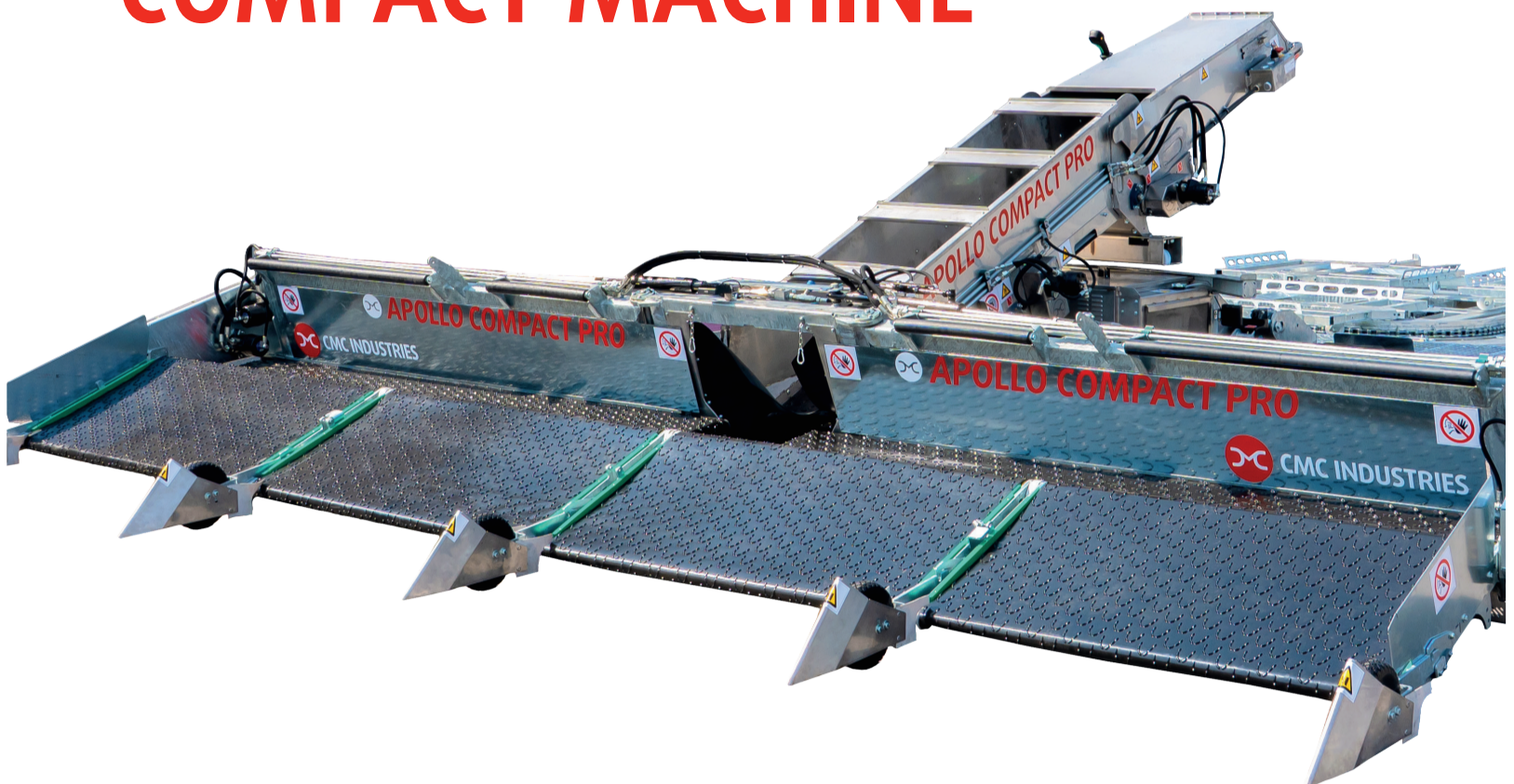


268 t of CO₂
SAVED ANNUALLY



Apollo Compact Pro

BIG PERFORMANCE IN A SMART, COMPACT MACHINE



Smart. Compact. High-Performance.

Developed from more than 40 years of experience, the Apollo Compact Pro was created to deliver a compact design without compromising on performance, quality or loading speed.

The Soft-Start system controls the restart of all belts, accelerating them gradually rather than abruptly, so that animals do not lose balance during transfer. Belt inclinations and the gaps between successive belts have been minimised, ensuring smoother passage through the machine.

These features, combined with technical solutions refined over years of CMC expertise, help to minimise stress and keep birds significantly calmer throughout the loading process.

Quick and automatic set-up.

Hydraulic wing opening and closing allow faster, easier set-up and manoeuvring.

Cleanability and biosafety.

CMC Industries continues to enhance cleanability and biosecurity in line with EHEDG (European Hygienic Engineering and Design Group) guidelines.

The Apollo Compact Pro has been optimised to simplify access to its components, making cleaning more efficient and further improving biosecurity.

Constant quantity and quality.

The Apollo Compact Pro can load 8,000–12,000 birds per hour, equivalent to 16–26 t per hour, depending on bird weight, container type, forklift speed and poultry-house conditions.

Its weighing system ensures that the correct weight of chickens is consistently placed into each container. This reliability in weight, quality and loading speed strengthens slaughterhouse logistics and ensures stable, repeatable results.

1 Harvesting

The machine is positioned inside the poultry shed, and the two wings of the front collection head are opened hydraulically. The operator starts the loading process using a control that activates the belts and the slow movement of the tracks, allowing the birds to step naturally onto the front collection belts. These belts transfer the animals gently, without sudden or stressful movements, onto two transverse belts that lead to the central channel.



2 Caging

The birds then move into the central channel of the Apollo Compact Pro, where they are carefully conveyed towards the upper section of the machine. Using simple and effortless controls, the operator activates the caging belt, which places the chickens directly into the cages. Thanks to the automatic weighing system, loading stops as soon as the pre-set weight is reached, ensuring compliance with all regulations on stocking density.



3 Carousel

Cages are positioned by forklift directly onto the rear carousel of the machine, preventing them from coming into contact with the litter – an obvious advantage for cleanliness and biosecurity. The multi-station carousel also maintains a continuous loading cycle: while one cage is filled in the loading position, the forklift removes the previously filled cage and places a new empty one in its place. This ensures uninterrupted collection and loading with minimal downtime. Different carousel models are available for the Apollo Compact Pro, depending on the cage type used.





Apollo Compact Pro STRENGTHS



Gentle, Consistent Loading

Reduced belt speed, soft restarts, and gentle placement of birds directly into the containers ensure higher load quality without compromising speed.



Stress-Free Handling

Birds are loaded naturally and without stress. They are deposited gently into containers without direct contact with operators.



Compact and Road-Ready

Compact dimensions make the machine easy to transport on a 7 m flatbed truck.



Designed for Biosecurity

The design follows EHEDG (European Hygienic Engineering and Design Group) guidelines. All components in contact with birds are made of stainless steel or hot-dip galvanised steel.



Operator-Friendly Design

Easy to manoeuvre, with hydraulically operated wing opening. The design requires significantly less physical effort from operators.





Fast, Simple Cleaning

Specifically designed to simplify and streamline daily cleaning without compromising biosecurity.



Effortless Operation

Reduces labour costs and requires only 2-4 operators. Stable thanks to its tracked undercarriage, the machine is easy to manoeuvre and automatically loads birds until the operator-set weight is reached.



Adaptable to Any Container

Capable of loading all container types, including Marel, Linco, Anglia, Meyn, or customised designs.



Engineered for Reliability

Developed on the basis of more than 10 million hours of worldwide field experience.



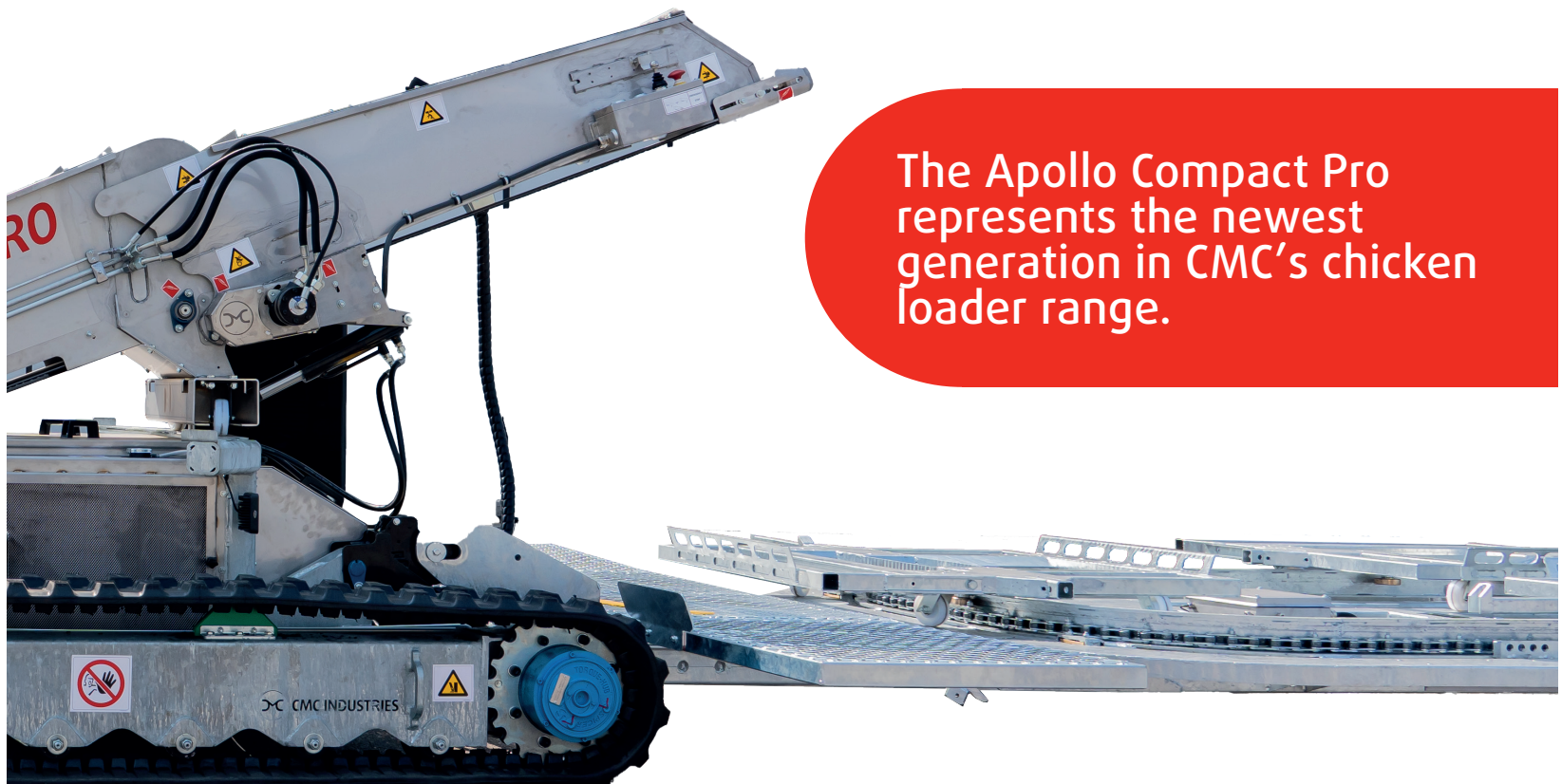
Service-Friendly Design

Supplied with a clear user manual, detailed maintenance schedule, and spare-parts catalogue featuring exploded diagrams with tables and part numbers. The design also allows easy access to key components.



Manoeuvres Anywhere

Compact dimensions and agile handling make the Apollo Compact Pro the best solution for a wide range of situations.



The Apollo Compact Pro represents the newest generation in CMC's chicken loader range.



YOUR QUESTIONS, ANSWERED.



How does the Apollo Compact Pro meet quality standards?

It complies with the strictest food industry regulations worldwide, ensuring reliable, high-quality performance.



Can I use it with my existing cages?

Yes. The Apollo Compact Pro is compatible with all major cage systems, including Stork/Marel GP and Atlas, Meyn Linco, Anglia, and site-built cages. It can even handle different cage types within the same loading session.



Will it work if my poultry shed has pillars?

Yes. Its front-loading system allows it to move easily along different passageways. The machine has been designed for easy entry and exit and offers excellent manoeuvrability, even in complex shed layouts.



Can it cope with extreme temperatures?

Absolutely. The Apollo Compact Pro operates safely in conditions ranging from -40°C (-40°F) to $+50^{\circ}\text{C}$ ($+122^{\circ}\text{F}$).



How easy is it to clean and disinfect?

The machine has a fully galvanised body with main components in stainless steel, making it quick to wash and disinfect. This design significantly enhances biosecurity.



CMC INDUSTRIES



TECHNICAL DATA SHEET

PERFORMANCE

Machine set-up time	5 minutes
Number of operators	2-4
Loading capacity	16-26 ton/h
Machine weight (with 6 m harvesting head + 3-position carousel for wide containers)	4780 kg

ENGINE

Model	Kubota V1505 mechanical TIER 4
Maximum power	18.5 kW @ 2300 rpm
Operating speed	1800-2000 rpm
Operation	Diesel 4 stroke
Cooling	Liquid
Cylinders	4
Cylinder capacity	1.498 cc
Fuel consumption	5-6 l/h

TRANSMISSION

Track drive system	Hydrostatic
Tracks	Special reinforced

TANKS

Fuel (Diesel)	50 lt
Hydraulic oil	59 lt

STANDARD DEVICES

Collection Head available widths	4 m / 5 m / 6 m
Integrated carousel with hydraulic lifting system	
Soft-Start System: gradual belt start-up keeps birds balanced	
Hydraulic opening and closing of collection head and harvesting belts	

OPTIONAL

CMC SmartLink (remote machine connection via CMC portal)	
Low-temperature hydraulic oil	

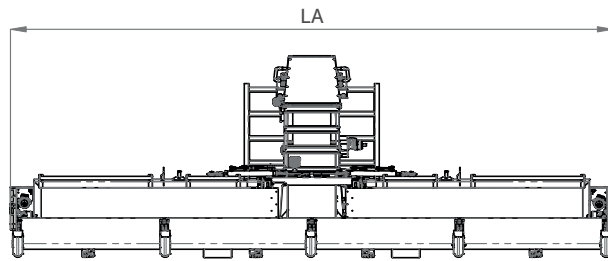
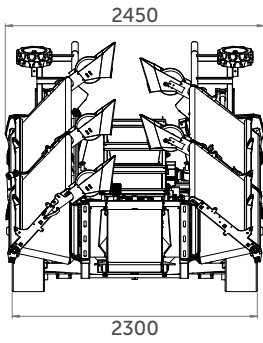
ADDITIONAL INFORMATION

Frame	Hot-dip galvanised steel and stainless steel
Cleaning	High pressure air and water
Electrical components	Automotive - IP 69K

All information provided in this catalogue is for reference only and may be subject to change without prior notice.



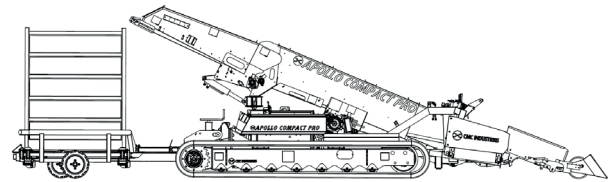
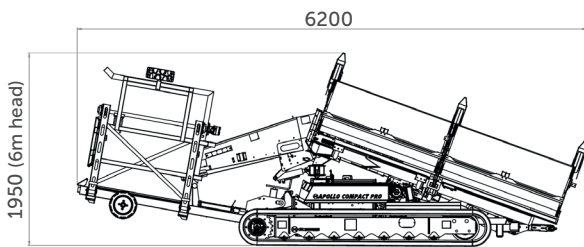
APOLLO COMPACT PRO DIMENSIONS



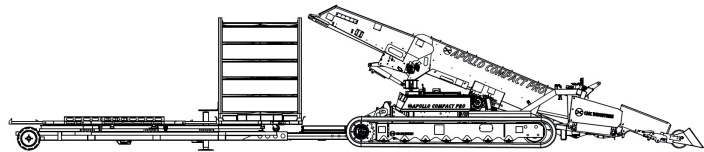
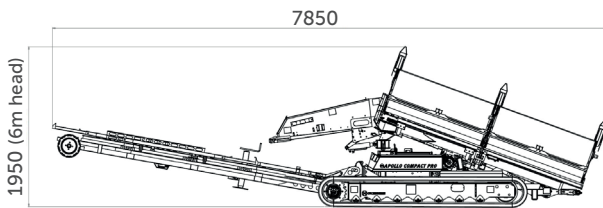
LA:

4 m wide harvesting head:	4100 mm
5 m wide harvesting head:	5250 mm
6 m wide harvesting head:	6340 mm

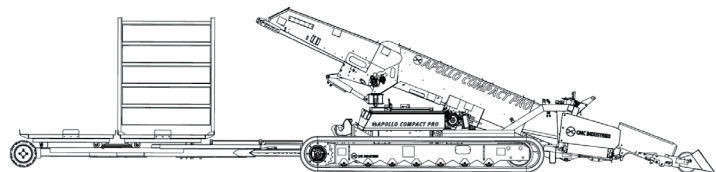
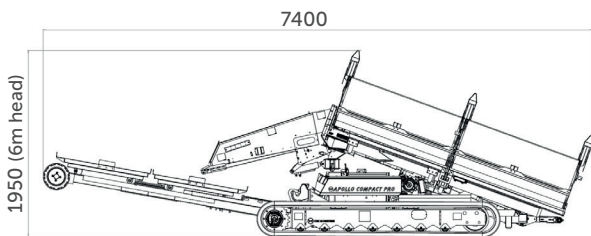
Apollo Compact Pro with integrated 3-POSITION CAROUSEL FOR NARROW CONTAINERS (any model)



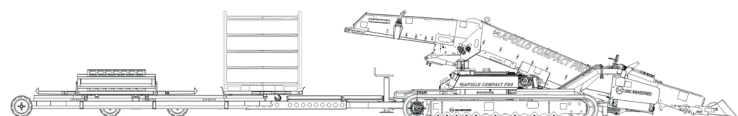
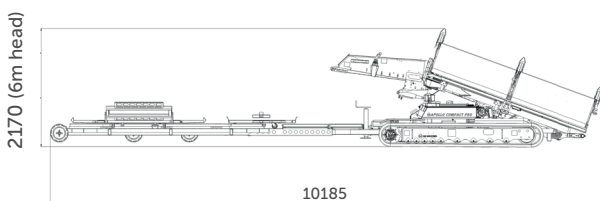
Apollo Compact Pro with integrated 3-POSITION CAROUSEL FOR WIDE CONTAINERS (any model)



Apollo Compact Pro with integrated 2-POSITION CAROUSEL FOR WIDE CONTAINERS (any model)



Apollo Compact Pro with towed carousel 3-POSITION CAROUSEL FOR WIDE CONTAINERS (any model)





Your Satisfaction, Our Priority

OUR CUSTOMER IS AT THE HEART OF EVERYTHING

A full range of
SERVICES

To support every customer
and meet **every need.**





CMC Poultry Tech is committed to supplying products that optimise process **efficiency** and **quality**, **maximising productivity** and **yield** throughout the production cycle.

Maintaining these **high standards** requires a strongly customer-focused approach. We provide a full range of services designed to deliver tailored solutions, including: **Training**, **Service Contracts**, **Remote** and **On-site Assistance**, **Spare Parts Supply**, and **Revamping**.

To support every customer in their operations, CMC Poultry Tech offers access to a dedicated service team. Our technicians coordinate and manage the complete service package, providing expert guidance throughout the production process.



TRAINING

With extensive knowledge of customer needs across global markets, CMC technicians provide training for your operating and maintenance staff. Courses can be delivered either at the CMC training centre or directly on site.

SERVICE CONTRACT

This service, normally carried out on the customer's premises, is designed to improve machine performance and reliability, extend lifespan, and reduce downtime caused by incorrect settings or malfunctions. It helps minimise management costs through regular maintenance while enhancing the skills of your maintenance and operating staff.

ASSISTANCE

Customers benefit from prompt, professional support both in Italy and worldwide through our global network. Services are adapted to the needs of each market and can be managed directly by the CMC team or via authorised dealers and service centres.

SPARE PARTS

CMC Poultry Tech maintains well-stocked warehouses with all essential spare parts. Alongside our Italian headquarters and American branch, parts can also be supplied through a global network of dealers and service centres, with orders typically shipped on the next working day.

REVAMPING

CMC Poultry Tech machines are built for long-lasting performance, while continuously evolving as technology advances. We offer upgrading options to update existing machines, improving efficiency and extending their service life.



Ciemmecalabria Srl

Viale S. Pertini, 86 • 25046 Cazzago San Martino (BS) Italy

T +39 030 725 4118

Info: info@cmcindustries.com

Sales: sales.poultry@cmcindustries.com

Customer Service: after.sales@cmcindustries.com

Suppliers: suppliers@cmcindustries.com

www.cmcindustries.com

