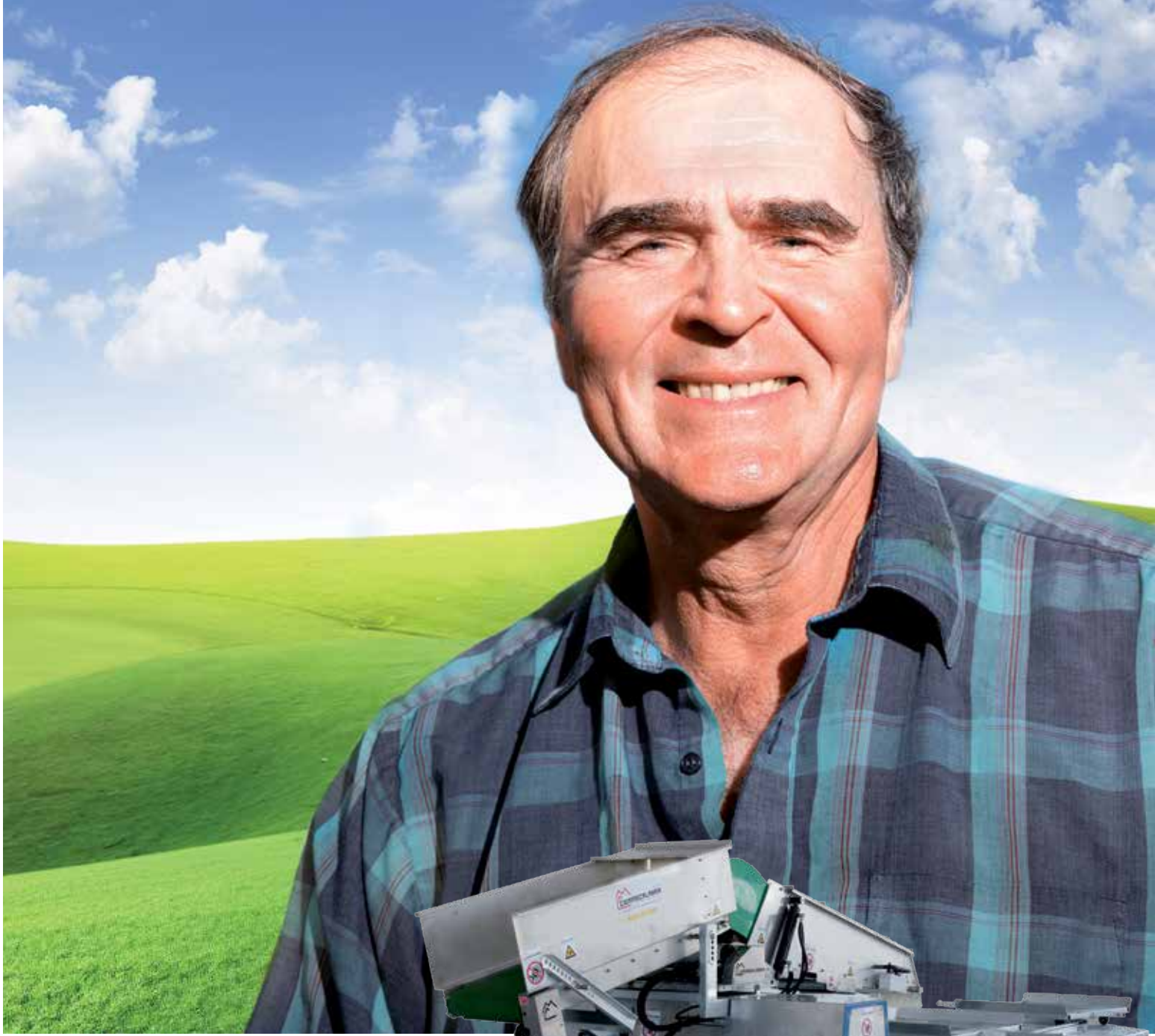




CMC INDUSTRIES

Leading in Load Solutions



Loading station
Quick and simple loading
from battery cages.



CMC INDUSTRIES. TWO DIVISIONS, ONE GREAT COMPANY

CMC Industries is an Italian company specialising in innovative conveyor solutions for the poultry and logistics industries. World leaders in the automatic loading of chickens and turkeys.

POULTRY DIVISION

CHICKEN LOADERS
TURKEY LOADERS
FORKLIFTS
ADDITIONAL EQUIPMENT

CMC transferred the skills and forty years of experience gained in machine design and construction of automatic belt transport systems, to the logistics sector: our second division.

LOGISTICS DIVISION

EXPRESS COURIERS
COMPLEX TRANSPORT SYSTEMS
MOVING GOODS IN BULK,
PARCELS AND PALLETS
CUSTOMIZED SOLUTIONS

TO BE THE BEST THERE
IS ONLY ONE THING
TO DO: CONTINUE
TO IMPROVE.

We are a dynamic company, always looking for service improvements and machinery innovations that will benefit our customers.

We are flexible and adapt to the needs of our extremely diverse customer base.

We love technology: we continually design and develop innovative solutions.

We take care of our customers: we pride ourselves on providing exemplary customer service and support that goes above and beyond the sales transaction.

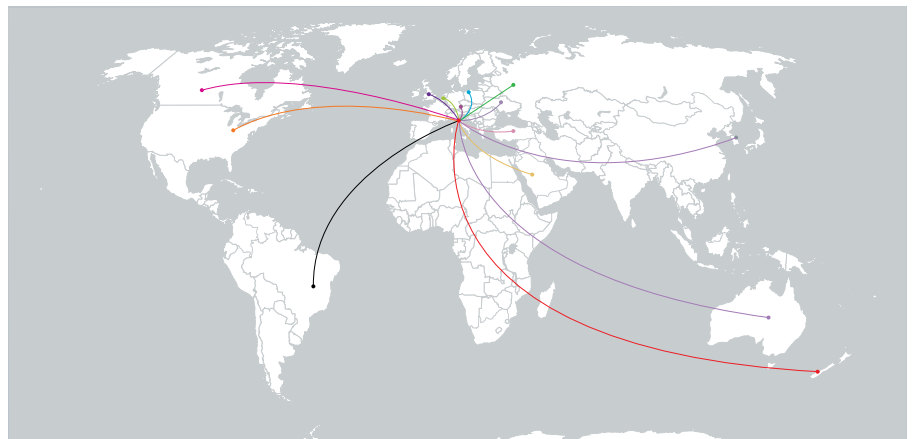


CMC Industries is a Company Member of EHEDG and follows the EHEDG guideline know-how.



HERE ARE THE STATS.

- 40** years of experience
- 85%** market share in the poultry division
- 57** patents registered since 1972
- 5%** of turnover invested in R&D



ENVIRONMENTALLY FRIENDLY – IT'S IN OUR DNA.

- Photovoltaic system capable of producing 610,000 kWh/year
- Reduce our CO₂ emission by 268 tons annually
- 100% energy independent
- Respect of directives and European standards



Photovoltaic roofing of the Company

LOADING STATION: STRENGTHS

Improved animal welfare

Birds are loaded in a natural, stress-free manner, with no direct contact from operators.

1

Loading speed

From 5,000 to 12,000 animals per hour, or approximately 10-24 tonnes per hour.

2

Better working conditions for employees

Easy to maneuver.
Significant reduction in physical labour.

3



Reduction in labour costs

Requires only 2 operators.

4

Developed for battery farming

The loading station, unique in its characteristics, has been specifically designed for loading battery-reared birds.

5



10

Easy to use

Simple controls

Automatically loads birds to operator's preset weight limit.

9

Straightforward maintenance

Clear and simple user manual, with explicit maintenance program outlined.

Manual includes specific component breakdowns with diagrams of all parts.

Easy access to core parts of the machine.

8

Durability

Stainless steel components, galvanised body.

7

Flexibility

Loads any type of cage

(Stork, Linco, Anglia, Meyn, or customized cages).

Loads chickens from any type of battery cage.

Depending on rearing requirements, can be fixed or mobile.

6

Easy to clean

Specifically designed to facilitate easy, quick and effective daily cleaning with only water and disinfectant.

How does the Loading station work?

1

TRANSFERRAL



The machine can be positioned both inside and outside and is connected downstream of the poultry shed conveyor. Once the operator starts the machine, the loading station activates the conveyor belts and starts receiving the animals, which have been transported from the rearing facility into the poultry shed. Naturally, and without any mechanical force, the chickens are then transferred from the battery cages to the central part of the loading station, where they are accompanied until they reach the cager conveyor belt.

2

CAGING



The animals are gently transported to the rear of the machine. Here, the cager conveyor belt directly handles depositing the chickens into the cage. With simple controls, the operator can raise or lower the belt, or move it closer or further away. The same controls allow the operator to move onto the next crate and start or stop the entire machine and all of its collection belts. The machine stops loading a module when the automatic weighing system reaches the preset value, guaranteeing compliance with every regulation regarding animal density in cages.

Simply.

3

CAROUSEL



The cages are positioned on a carousel, which allows for a continuous loading process. This is where the core of the innovative animal weighing system is located, providing instant verification that the correct number of animals has been deposited into each crate. Once a module is full, it is then ready for collection by the forklift, which places it on the truck.

LOADING STATION. WHY IT WORKS MORE EFFECTIVELY.

Better load quality: the loading station cares about animal welfare: the birds are subjected to much lower stress levels compared to conventional collection by hand. The birds even stay calm during daytime loading. Using 15 years worth of experience acquired while developing the Apollo Universal, the loading station uses much of the same technology and functionality.

Simplicity and speed: just two operators are required to carry out the entire loading process, in significantly less time than conventional methods. The loading phase is also simplified, with the use of the automatic bird weighing system.

Consistent quality and quantity: the loading station can load between 5,000 and 12,000 animals per hour, which is equal to 10-24 tonnes per hour, depending on the weight of the animals, the type of container, the speed of the forklift and the distance travelled. The loading station's weighing system guarantees that the correct number of chickens are deposited into the containers with quick, continuous loading, greatly improving the logistics inside the slaughterhouse.

Quality of materials: the experience acquired during the construction of the loading station has led to the use of belts made from materials that are easy to clean and that can also be used in dirty and wet conditions. The hot-dip galvanised frame and the stainless steel tunnel prevent the formation of rust and guarantee greater machine durability.



All the answers for your questions.

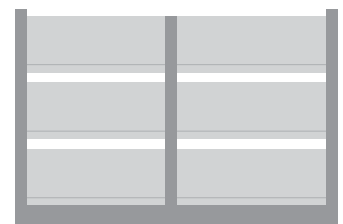
**IS THE
LOADING STATION A
QUALITY PRODUCT?**

Most definitely. The loading station adheres to the strictest quality standards imposed by the leading food sector companies across the world.



**WHICH TYPES
OF CONTAINERS
CAN I USE?**

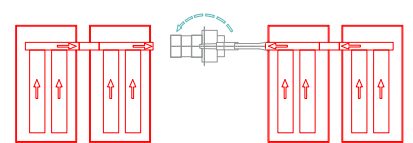
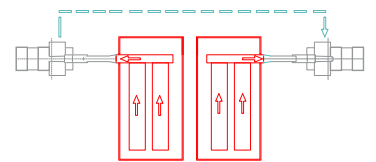
Any type. The loading station uses the most common containers available on the market - including Stork GP, Meyn, Lincoc, Anglia - but can also take cages constructed on site. Different types of containers can even be used during the same loading session: a simple computer command is all it takes.





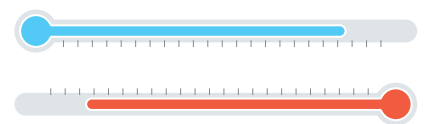
HOW CAN THE MACHINE BE USED WITH MY SYSTEM?

The loading station can be used with any type of system. It mechanically connects to the conveyor belt as it exits the facility, and to the poultry shed switchboard, so that all conveyor belts work simultaneously.



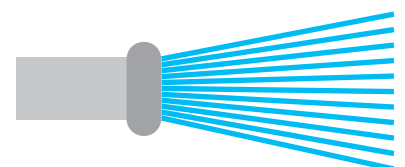
WHAT IF IT GETS VERY COLD OR VERY HOT?

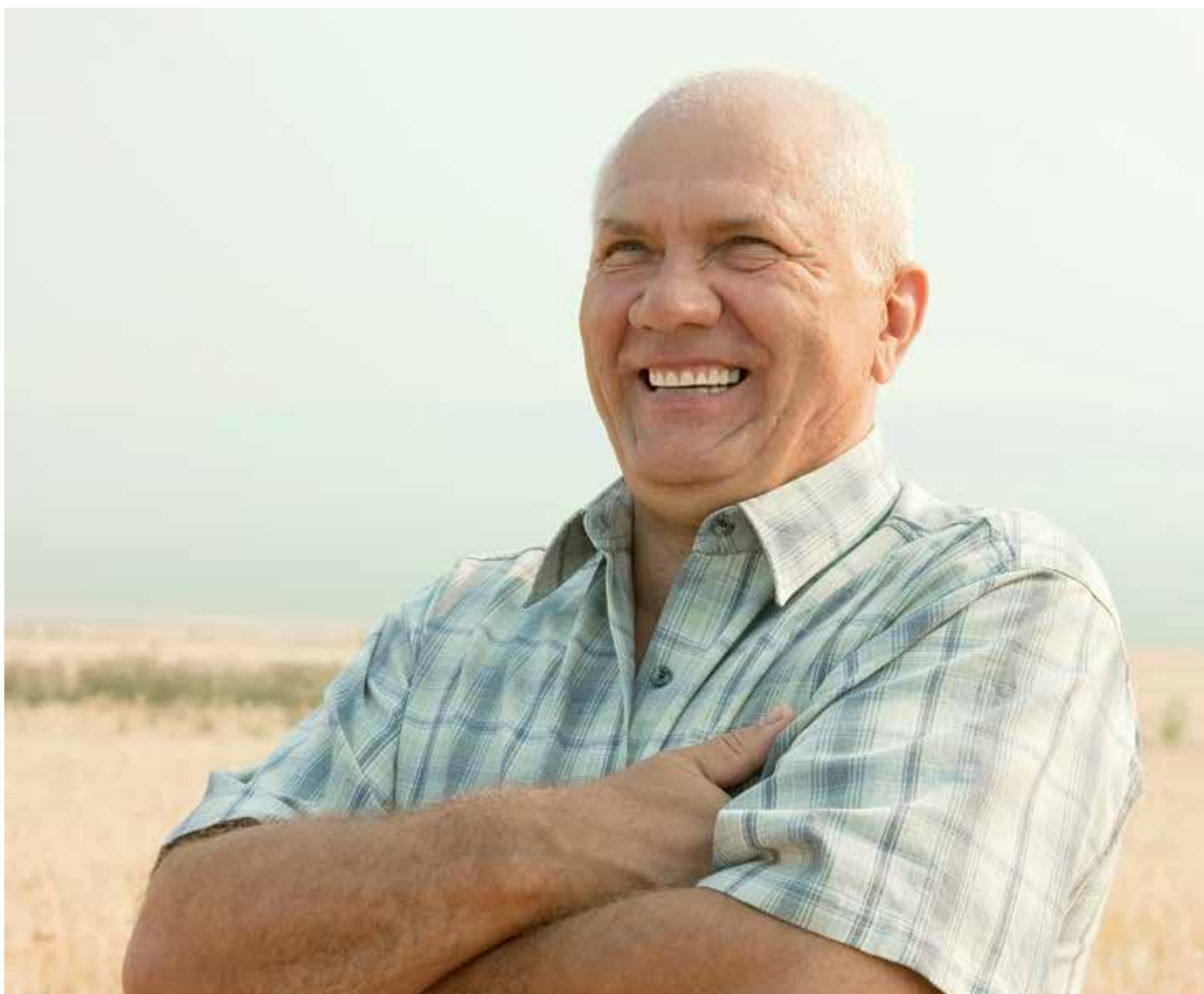
The loading station works very well between temperatures of -40°C (-40°F) and $+50^{\circ}\text{C}$ (122°F), both inside and outside the poultry sheds.



AND IN TERMS OF CLEANING?

The loading station has a fully galvanised body and its main components are made from stainless steel, making the machine very easy to wash and disinfect. All of this leads to a significant increase in Biosecurity.





AFTER DELIVERY, YOU CAN STILL COUNT ON US.

We don't just sell equipment to our customers. We make sure they know how to maximize their returns by training them how best to use and maintain their CMC machinery.

Training: Either at our facility or on-site at the customer's location, we organise courses for the operators and technicians who will be using the CMC machines. We want to make sure that the people on the front lines are comfortable with the equipment, and understand its capabilities and best practices.

Assistance: In the event of an accident or breakdown, our customer service will be there to help. We are ready with technical support, spare parts and

the benefit of all our experience. We guarantee maximum efficiency and peace of mind, always.

Consulting: We are ready to face any kind of problem, together with our customers. We approach new challenges as an opportunity for further growth. Because of this, we offer advice, expertise and design solutions to meet even the most varied needs.

PERFORMANCE

Machine weight	3,000 Kg
Machine start-up time	15 minutes
Number of operators	2
Load quantity	From 10 to 24 tonnes/h

MOTOR

Model	Electric
Maximum power	7.5 kW
Revolutions per minute	1,400
Functioning	380 V
Cooling	Air

HYDRAULIC SYSTEM

With gears pumps with fixed cylinder capacity	36 l + 15 l
Maximum pressure	120 bar

REFUELLING

Hydraulic tank	80 l
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STANDARD EQUIPMENT

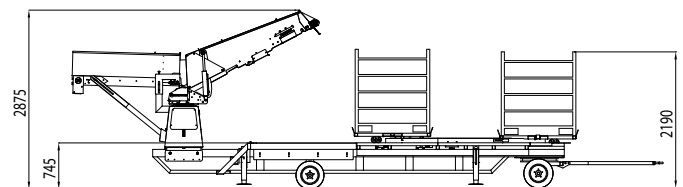
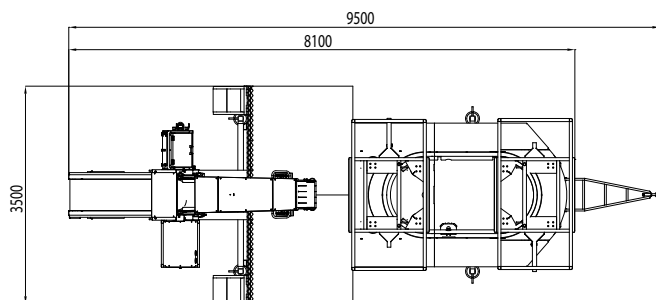
Infeed belt

OPTIONAL EXTRAS AND ACCESSORIES

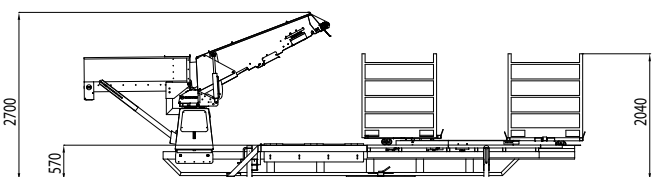
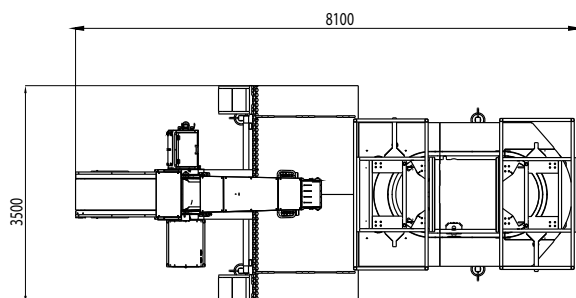
Protection roof (for fixed version), standard connecting conveyor belt, hydraulic oil ATF XT for low temperatures

ADDITIONAL INFORMATION

Frame	Hot-dip galvanised steel and stainless steel
Cleaning	High pressure air and water



Movable loading station



Fixed loading station



is the new name for

