



CMC INDUSTRIES
POULTRY TECH



TA800

Turkey loading has never been so efficient



CMC POULTRY TECH

YOUR PARTNER IS TECHNOLOGICAL AND MARKET LEADER



1

Innovation

2

Animal welfare
& Bio security

3

Productivity
& Quality

CMC Industries, after 50 years of business, is present on the market as a structurally efficient holding company, including two divisions: **CMC Poultry Tech**, operating in the poultry sector and **CMC Intralogistics** operating in the material handling logistics sector.

CMC Poultry Tech, division of the CMC Industries group, is the internationally recognised **technology and market leader** in handling and automated loading systems of animals in the poultry sector.

CMC Poultry Tech offers its customers a **wide range of technologically cutting-edge products** built to meet the needs of its Customers and designed to guarantee high standards of **efficiency, animal well-being and bio-security**. CMC, with its portfolio solutions, guarantees better productivity, quality and cost reduction; also providing

dedicated **after-sales** customer service and premium consultancy.

CMC Poultry Tech has a **distribution network** operating **worldwide**, where products are exported around the globe. In 2018, the company inaugurated **CMC Industries North America Corp.**, thereby extending its presence also in the United States. This step confirms the constant commitment to providing high-quality service as close as possible to its Customers.

The product range of CMC Poultry Tech is designed in compliance with the **European Hygienic Engineering and Design Group (EHEDG)** guidelines, guaranteeing the highest standards in terms of bio-security.

50 YEARS
OF EXPERIENCE



MARKET
SHARE
95%

EXPORT NETWORK:
+50 COUNTRIES
AND **5** CONTINENTS

5%
R&D
TURNOVER

57
PATENTED
SYSTEMS



100%

ENERGETIC
AUTONOMY



CO₂ ANNUAL SAVING OF

268 t



630,000 kWh

PER YEAR PRODUCED
BY THE PHOTOVOLTAIC SYSTEM



 **CMC INDUSTRIES**

TA800

WHY IT WORKS MORE EFFECTIVELY



Better load quality: TA800 cares about animal welfare: the turkeys are subjected to much lower stress levels compared to conventional methods. Loading is completely automatic and can be achieved in any light conditions.

Simplicity and speed: 5-6 operators (2 in the cab and 3-4 in the barn) are sufficient for loading in considerably less time than conventional methods.

Consistent quality and quantity: The TA800 can load between 800 and 2,600 birds per hour, equivalent to 14-29 tonnes per

hour, depending on the sex and weight of the birds and on the type of cages. Loading turkeys into the cages with consistent quality and speed is made very easy, greatly improving the logistics inside the slaughterhouse.

Quality of materials: the experience acquired during the construction of TA800 has led to the use of components made from materials that are suitable for daily cleaning 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.



1

PRE-LOADING

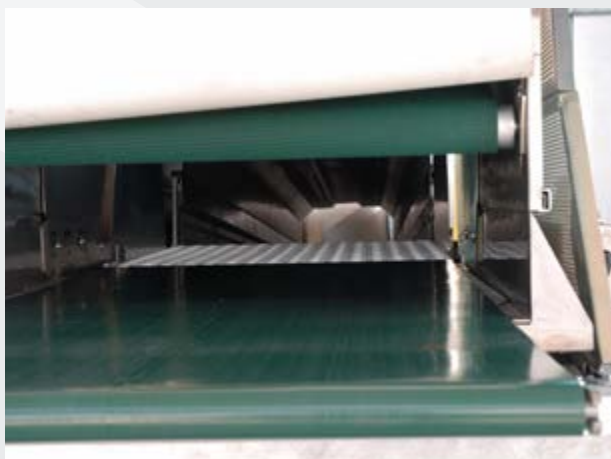
The machine is positioned at the entrance of the warehouse and readied by opening the internal collection container, which is divided in two by a central sliding door. One operator guides the animals towards one side of the container while the other readies the animals on the opposite side. Once the first group of animals has been transferred, the sliding door is moved to allow the turkeys grouped on the opposite side to move forward. This solution optimizes the loading process and reduces waiting time.



2

TRANSFERRING

The animals move from the container inside the machine's central tunnel, which gently carries them towards the caging belt. Proper tunnel inclination, the special structure of the conveyor belt and its "soft start" system guarantee maximum animal stability during loading. The tunnel is protected when it's cold and ventilated in the warmer seasons.



3

CAGING

The cager automatically drops the turkeys inside the cages with no operator contact, greatly reducing the stress the animals undergo. The upper belt is positioned at the same height as the cage, for a gentle transition.

1

Improved animal welfare

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

2

Loading speed

Hens (9 kg - 20 lb) from 1,500 to 2,600 birds per hour or approximately 14-23 tonnes per hour.
Toms (22 kg - 48 lb) from 800 to 1,300 birds per hour or approximately 18-29 tonnes per hour.

TA800

STRENGTHS



3

Better working conditions for employees

Easy to maneuver.
Significant reduction in physical labour.

4

Reduction in labour costs

Requires only 5-6 operators.

5

Easy to transport

Towable from one farm to another, even over long distances.

6

Easy to clean

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

7

Flexibility

Loads 3 rows of cages without having to move the truck.
Works on uneven terrain.

8

Durability

Stainless steel components, galvanised body.

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.

10

Easy to use

Two joysticks control the entire machine.

ALL THE ANSWERS FOR YOUR QUESTIONS



**Is the TA800
a quality product?**

Most definitely. TA800 adheres to the strictest quality standards imposed by the leading food sector companies across the world.



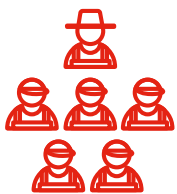
**How can I
transport the machine?**

The TA800 can be towed on the road for long distances, thanks to a second optional axle. It can be moved normally for short distances with the simple standard axle.



What if it gets very cold?

The TA800 works very well down to a temperature of -40°C (-40°F).



How can TA800 be adapted to my job?

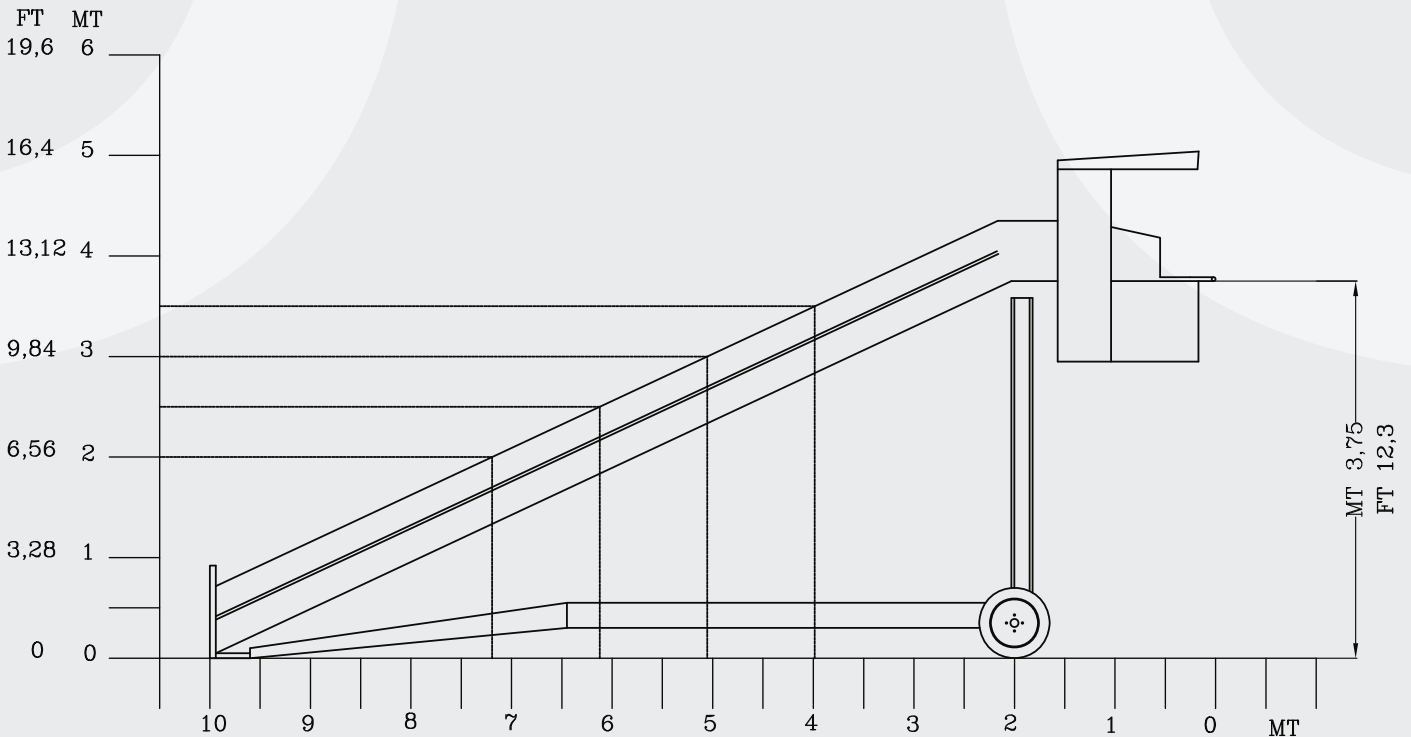
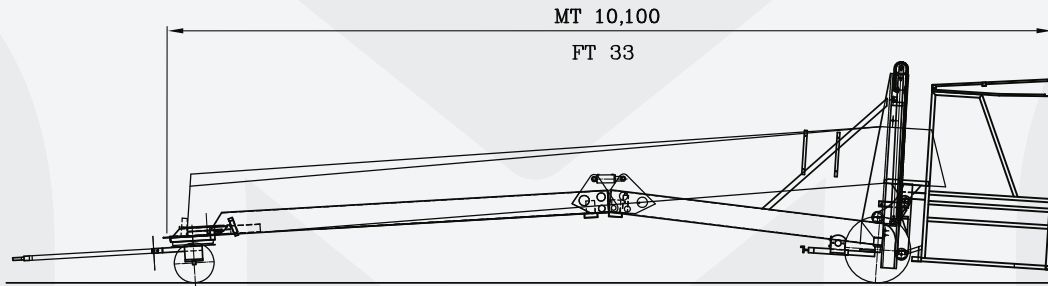
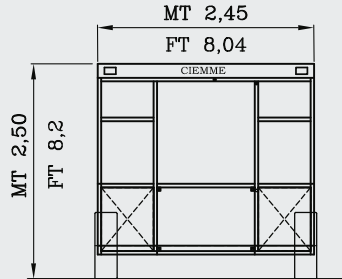
Thanks to a series of optionals, the machine is able to fully satisfy all needs, from the individual breeder to the specialised catching crews.



And in terms of cleaning?

The TA800 has a fully galvanized 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.

TECHNICAL DATA



Ciemmecalabria Srl informs that the data contained in this publication are purely indicative and are subject to change without notice.

PERFORMANCE

Machine weight with electric motor	3,780 kg (basic electronic version)
Weight of the box	820 kg
Machine set-up time	10 minutes
Number of operators	5-6
Load quantity	Toms from 18 to 29 tonnes/h Hens from 14 to 23 tonnes/h

ENGINE

Type	Electric motor
Model	380 V
Max. power	11 kW (15 Hp)
RPM	1,400
Cooling	Air
Cylinders	-

HYDRAULIC SYSTEM

	Electric motor
Fixed displacement gear pumps	17 + 30 + 11 + 9 cc
Max. pressure	160 bar

STD TYRES

Front	10.0/75-15.3 PR18
Rear second steering axle	500-8 PR8

TANKS

Fuel tank	80 l
Hydraulic tank	95 l

STANDARD EQUIPMENT

Pre-loader with manual doors

OPTIONAL EXTRAS AND ACCESSORIES

Frame articulation, equipment to tow on private roads, Soft Start System controls all the belts to gradually start, allowing the birds to keep their balance, extraction fan in the tunnel, caging belt for 2.4 m deep containers, diesel engine, kit to lift the machine posterior to 2.9 m, ATF XT III hydraulic oil for low temperatures, Pre-loader with motorised doors, folding pre-loader with manual or motorised doors.

ADDITIONAL INFORMATION

Frame	Hot-dip galvanised steel and stainless steel
Cleaning	High pressure air and water
Push Button	IP 69 K

CUSTOMER SATISFACTION THE CUSTOMER IS AT THE HEART OF EVERYTHING

A FULL RANGE OF
SERVICES
TO ACCOMPANY
EVERY SINGLE
CUSTOMER IN
THEIR BUSINESS,
FULFILLING ALL
NEEDS.

CMC Poultry Tech has set the goal of supplying products capable of optimising the **efficiency** and **quality** of processes, maximising **productivity** and **yield** throughout the entire life cycle.

Guaranteeing these **high process standards** involves the development of a strongly **customer-oriented business model**, which can count on a wide range of services aimed at offering **diversified solutions** based on customer needs, including: **Formation & Training, Service Contract, Assistance, Supply of Spare Parts and Revamping.**

In order to support every single Customer in their activity, CMC Poultry Tech offers access to a dedicated **service team**, made up of technicians able to coordinate and manage the entire range of services offered, supporting the Customer during the entire processing cycle.



FORMATION AND TRAINING

As a result of the great knowledge of application specifications and customer needs in all the reference markets worldwide, CMC technicians can train the operational and technical staff of the sector, offering training courses both at the CMC Industries training centre and at the customer's site.

SERVICE CONTRACT

This Service, which is usually carried out directly at the Customer's site, is designed to: improve performance and reliability of the machine; prolong the service life; reduce any losses due to wrong settings or malfunctions, minimise management costs through correct and periodic maintenance, improve the skills of the Customer's technical and operating staff.

ASSISTANCE

Customers can always rely on our prompt and trained assistance, both in Italy and overseas via a network available worldwide. Adapting itself to the specific needs of every market, CMC can offer diversified technical support and customer care solutions. Based on the Customer's needs, these activities are managed directly by the CMC Team, which offers a widespread network of dealers and authorised service centres.

SPARE PARTS

To minimise customer machine downtimes, CMC Poultry Tech is equipped with warehouses supplied with every spare part necessary. In addition to the main Italian site and the American branch, the spare parts can be supplied by a network of dealers and service centres and shipped on the next working day after placing the order.

REVAMPING

CMC Poultry Tech machinery is developed to guarantee long-lasting performance. However, as a result of advanced technology, the machinery is continuously improved/updated. CMC Poultry Tech thereby offers the possibility of modernising machines in order to improve performance and efficiency.



CMC INDUSTRIES
POULTRY TECH

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