



CMC INDUSTRIES
Leading in Load Solutions



TA800 Turkey Loader
Your work has never been
this efficient.



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.

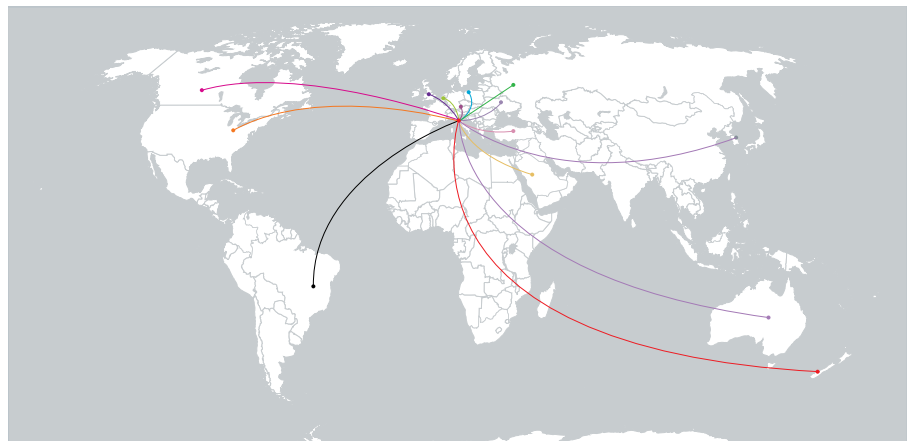


CMC Industries is a Company Member of EHEDG and follows the EHEDG guideline know-how.



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 Wh/year
- Reduce our CO₂ emission by 268 tons annually
- 100% energy independent
- Respect of directives and European standards



Photovoltaic roofing of the Company

TA800: STRENGTHS

Improved animal welfare

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

1

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.

2

Better working conditions for employees

Easy to maneuver.
Significant reduction in physical labour.

3

Reduction in labour costs
Requires only 5-6 operators.

4

Easy to transport

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

5





10

Easy to use

Two joysticks control the entire machine.

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

6

Easy to clean

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

How does the TA800 work?

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

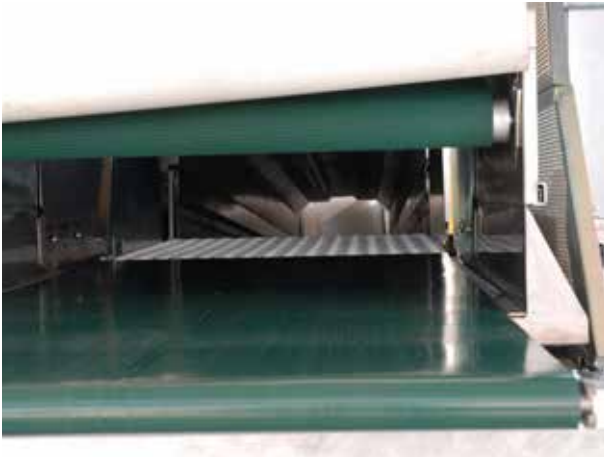


The animals move from the container inside the machine's central tunnel, which gently carries them towards the caging belt. Proper tunnel inclination, the special structure of the conveyor belt and its "soft start" system guarantee maximum animal stability during loading. The tunnel is protected when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

Simply.

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.

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.



All the answers for your questions.

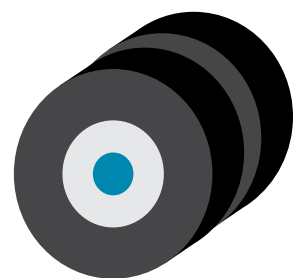
IS THE TA800 A QUALITY PRODUCT?

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).



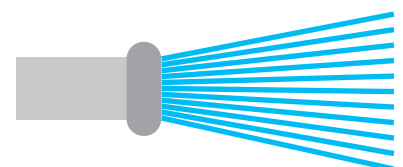
HOW CAN TA800 BE ADAPTED TO MY JOB?

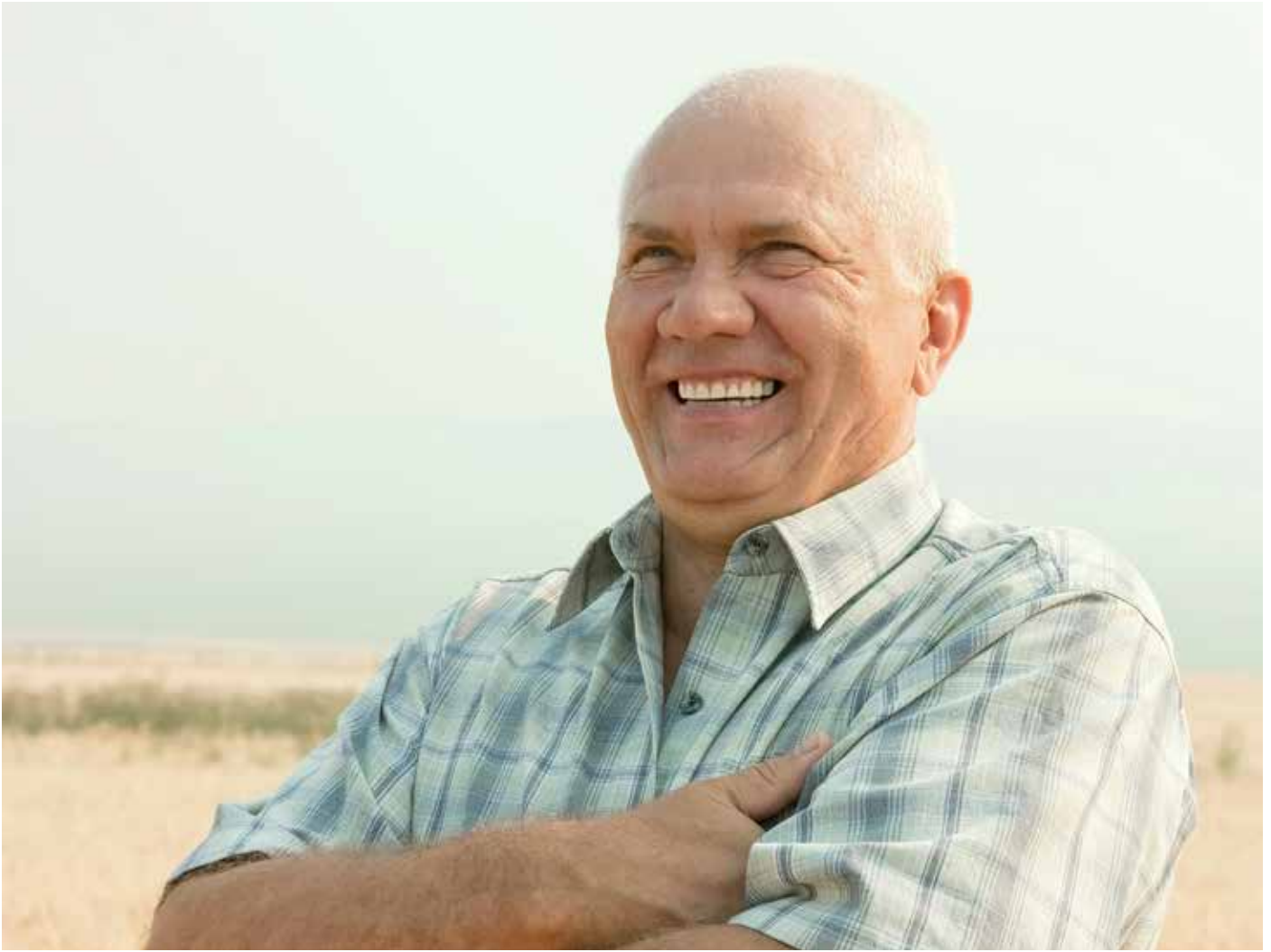
Thanks to a series of optionals, the machine is able to fully satisfy all needs, from the individual breeder to the specialised catching crews.



AND IN TERMS OF CLEANING?

The TA800 has a fully 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 with electric motor	4,260 Kg - 9,392 lb
	In basic electronic version
Weight of the box	850 Kg - 1,874 lb
Machine start-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

ELECTRIC MOTOR - DIESEL ENGINE*

	Electric motor	Diesel engine
Model	380 v.	Perkins 404D-22
Max. power	11 kW (15 Hp)	34 kW (49.6 Hp)
RPM	1,400	1,900
Cooling	Air	Liquid
Cylinders	-	4 in line

*optional

HYDRAULIC SYSTEM

	Electric motor	Diesel engine
Cylinders capacity	17 + 30 + 11 + 9 cc	22 + 14 + 9 + 9 cc
Max. pressure	160 bar	160 bar

TYRES

Front	235/75 R 17.5 6 bolt holes
Rear second steering axle	18 x 7 x 8 PR 16 CI IT30 5 bolt holes

REFUELLING

Fuel tank	80 l
Hydraulic tank	95 l

STANDARD EQUIPMENT

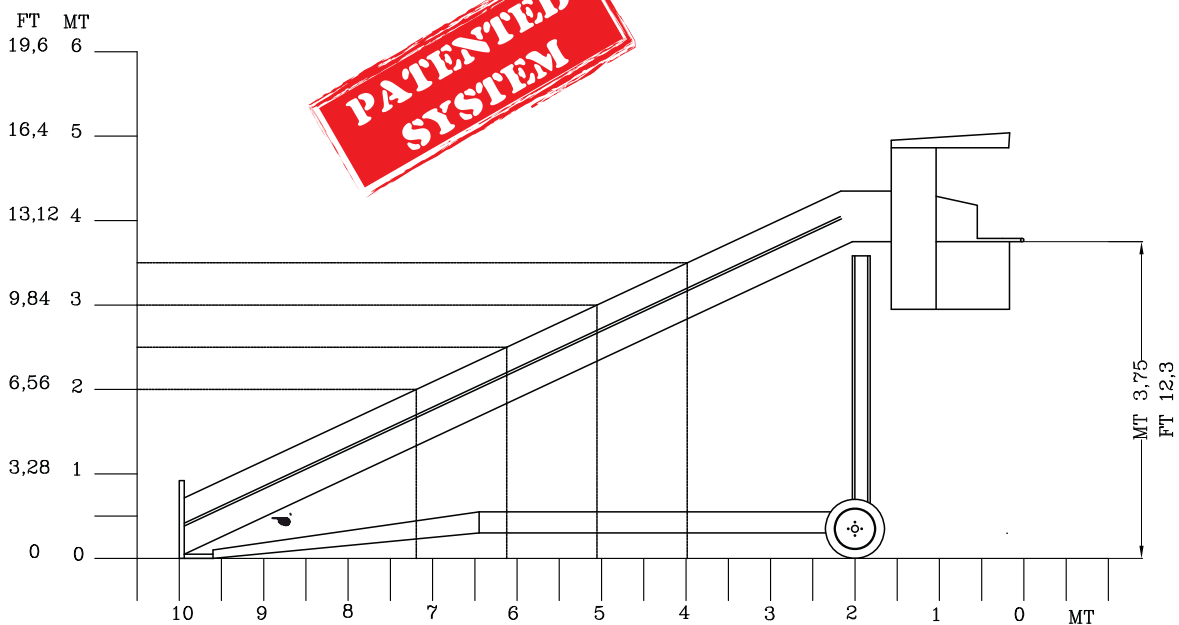
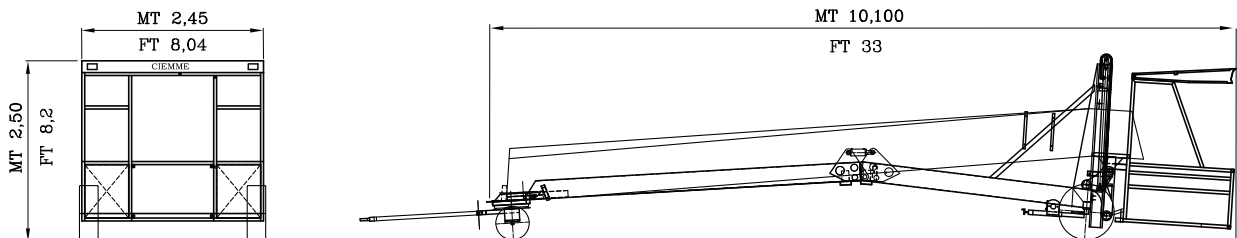
Pre-loader with manual doors.

OPTIONAL EXTRAS AND ACCESSORIES

Frame articulation, equipment to tow on private roads, proportional valves, 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





is the new name for

