

AUTOMATIC AGAVE CUTTING MACHINE

Mod. T.1000





The **DIPRAN** company was founded in 1999 in Modena, a land of motors and of a technological and productive area unique in the world. Today, thanks to a group of people with thirty years of experience in the bottling sector, **DIPRAN** aims to bring this experience to customers by research in quality, seriousness and professionalism the winning challenges for entering a difficult market like that of bottling. This allows us to face and solve the various problems: in the first phase in the design and research of solutions that allow then, in a second phase, the construction of advanced systems to have quality products in compliance with safety and ecological impact.

The values of tradition, the great passion for work and trust in research were the driving characteristics that led **DIPRAN** to establish itself in the Italian and foreign market for the design and construction of bottling plants having in the list of its customers, prestigious national and international names.



DIPRAN MISSION

The **DIPRAN's** main mission is maintaining of the current level of efficiency and satisfaction of the customers reached in these years, having the utmost cooperation with the customers to increase product quality by taking advantage of its *research and development department* for the achievement of the objectives. In the global market **DIPRAN** finds the partnerships which may involve those customers who look for the top quality in respect of the products and the environment, with special attention to pollution issues generated by production. **Manufacturing of all the machines of the line is followed respecting the strict norms of CE and exclusively 100% MADE IN ITALY , the components only of west European origin.** The challenge in the coming years is to cooperative participation in the project "**Green Vision**" with new technologies, with less environmental impact in the industrialization of food products. **DIPRAN** adopts a company philosophy of "**Green Vision**" which puts respect for the environment, sustainable development and renewable energy at the base of each activity, with great focus not only on the production of machinery, but especially on the reduction of chemical agents used during washing and sanitizing of equipment and machines designed by **DIPRAN**.



GREEN
TECHNOLOGY

WHAT AND WHERE WE FILL



WHAT AND WHERE WE FILL



CONTAINERS HANDLED

50ml – 30.000 ml



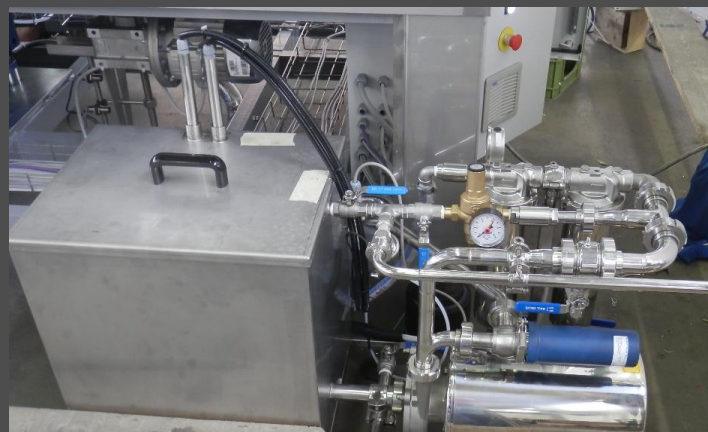
OUR PRODUCTION



RINSER/BLOWER

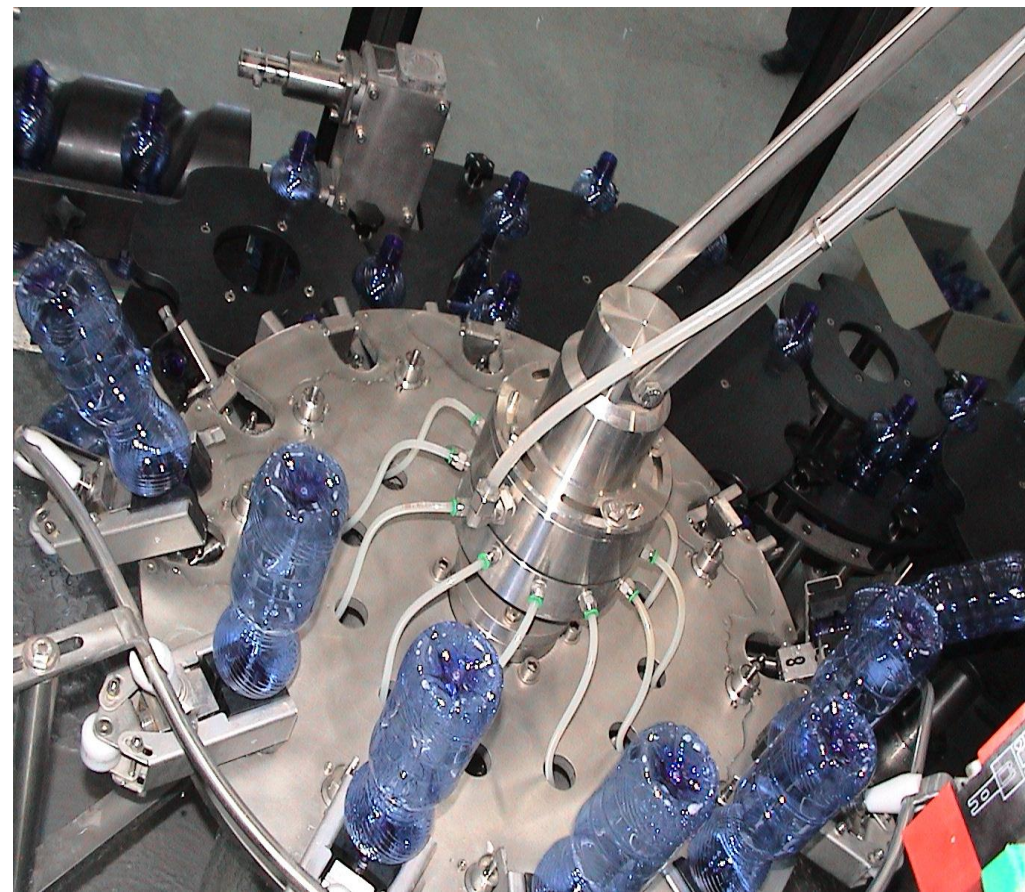
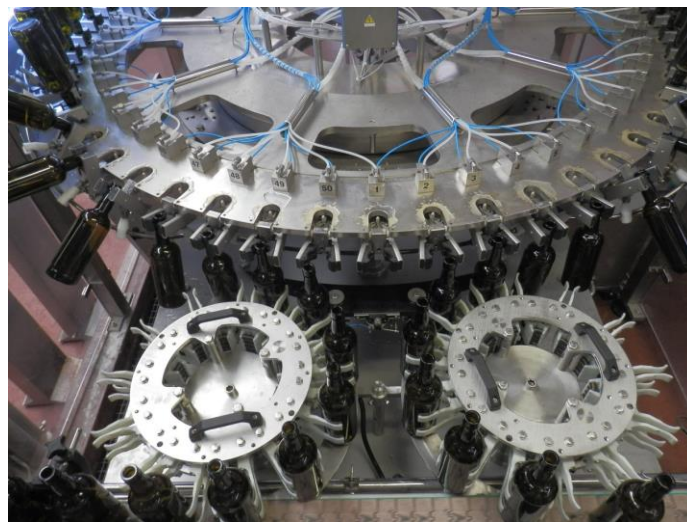
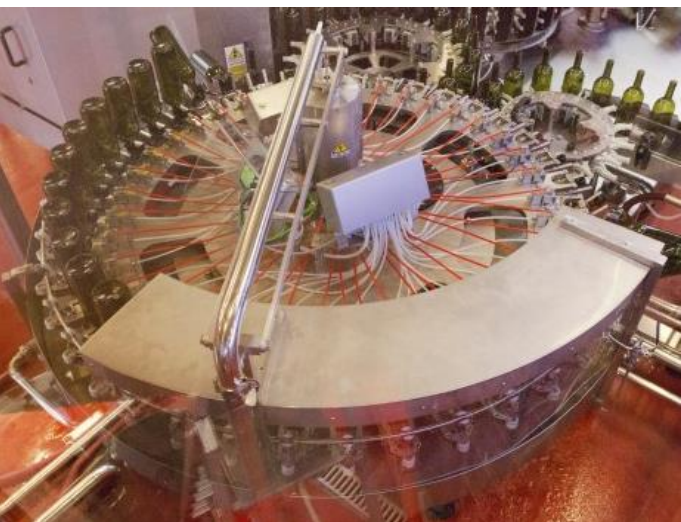
from small to large size format





Completed with:

- suction tunnel
- recycling of washing product
 - multifunction washing
- electro-pneumatic controls



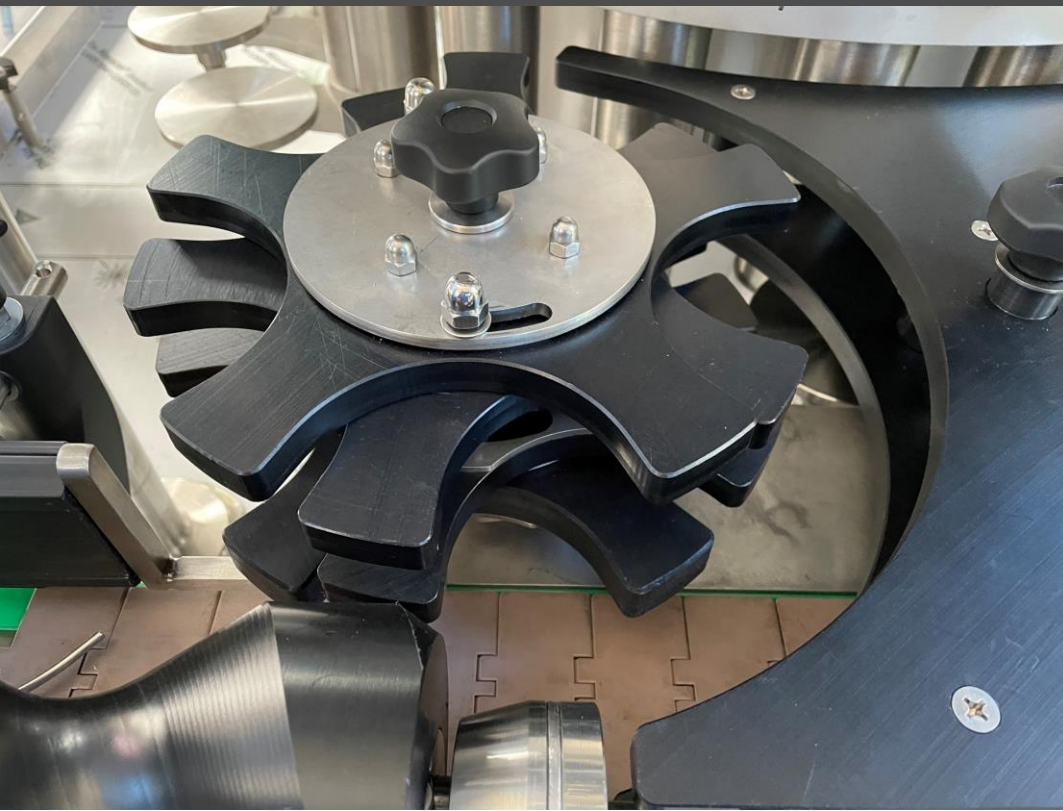
UNIVERSAL HANDLING



The innovative system with the universal handling bottle star that permits to handle different formats of the cylindrical and oval bottles with diameters between 50 – 100 mm without any operation of changing over bottle format



UNIVERSAL HANDLING



The innovative system with the universal handling bottle star that permits to handle different formats of the cylindrical bottles with diameters between 60 – 100 mm without any operation of changing over bottle format





TARVISIA

Our bottling system **TARVISIA** changes the concept of the filling using the vacuum to fill non-carbonated liquids. In fact, this **PATENTED** methode, results to be unique in the world and especially innovative as it uses the vacuum constant control in all the filling steps. The absolute innovation of **TARVISIA** system is using the low vacuum values under the category called **low vacuum which** is not being changed consequently or alter the products in contact. He advantage is that removing the air contained in the bottle and expelling it outside actually it creates a **pre evacuation** minimizing the contact of the liquid with the air and consequently the oxygenation of the bottled product.





TARVISIA

The innovative and patented filling valve:

- without dynamic movement
- without the gaskets
- The filling along the walls of the bottle
- The air sucked out of the bottle is conveyed externally to the filling circuit *and mostly important: it is never in contact with the product to be bottle*





TARVISIA



The external recycle tank of the relaunch pump makes the machine completely sanitized for the liquid circuit and for the air circuit without installation of the dummy bottles. We can certainly declare that the **TARVISIA** system guarantees the following result:



In the Alcoholic products the loss of gradation in the product bottled filling is less than 0,05° (degrees)

In the wines the absorption of oxygen during the filling doesn't overcome 0,2 ppms, total preservation of 0,2 ppm and complete preservation of the aromas

This is confirmed by the perfect maintenance of the values of the sulphurous, from the tank to the bottle.

TARVISIA system can be completed by a series of option which make all the process top automatic.



TARVISIA



25 ml

Thanks to the particular system
we can switch the machine running
with 30 ml up to 1.500 ml
containers
with just one change over format
in a **very short time**



1.500 ml





TARVISIA

RIEMPIMENTO VODKA

CON PINOLI



MANUAL INSERTION OF PINE NUTS



AUTOMATIC VODKA FILLING



TARVISIA

REFERENCE LIST





TARVISIA

REFERENCE LIST





TARVISIA

REFERENCE LIST



Special Equipment to produce
large format



BOTTLE YES
BOTTLE NO





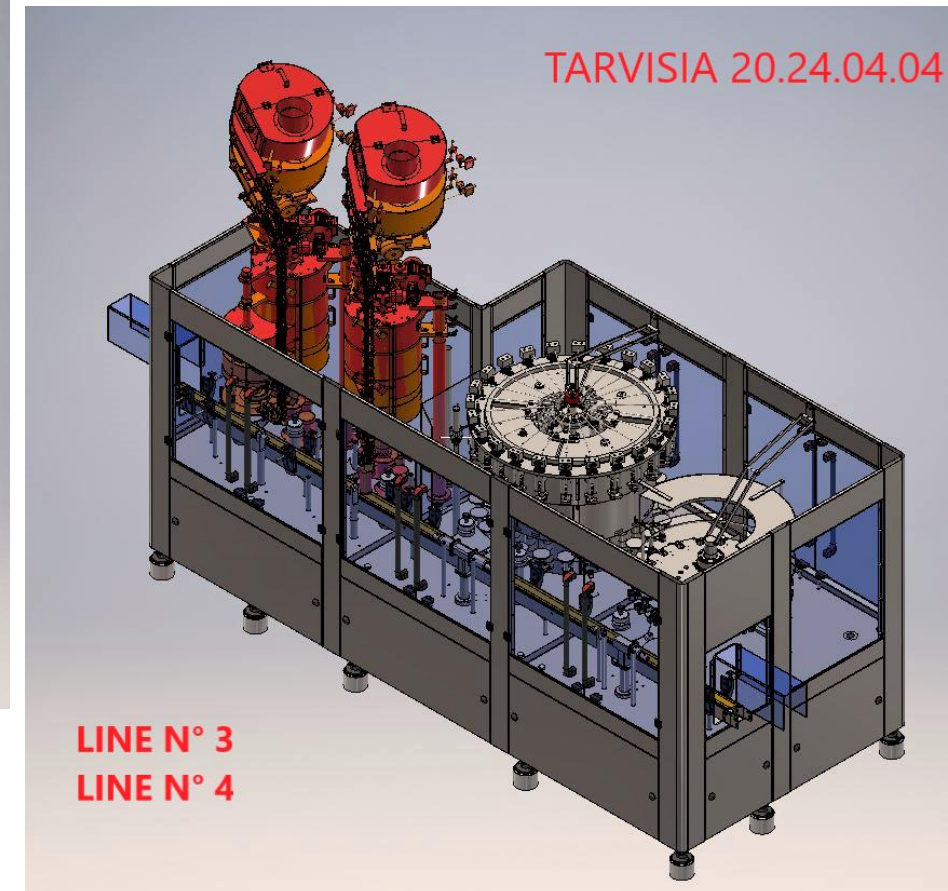
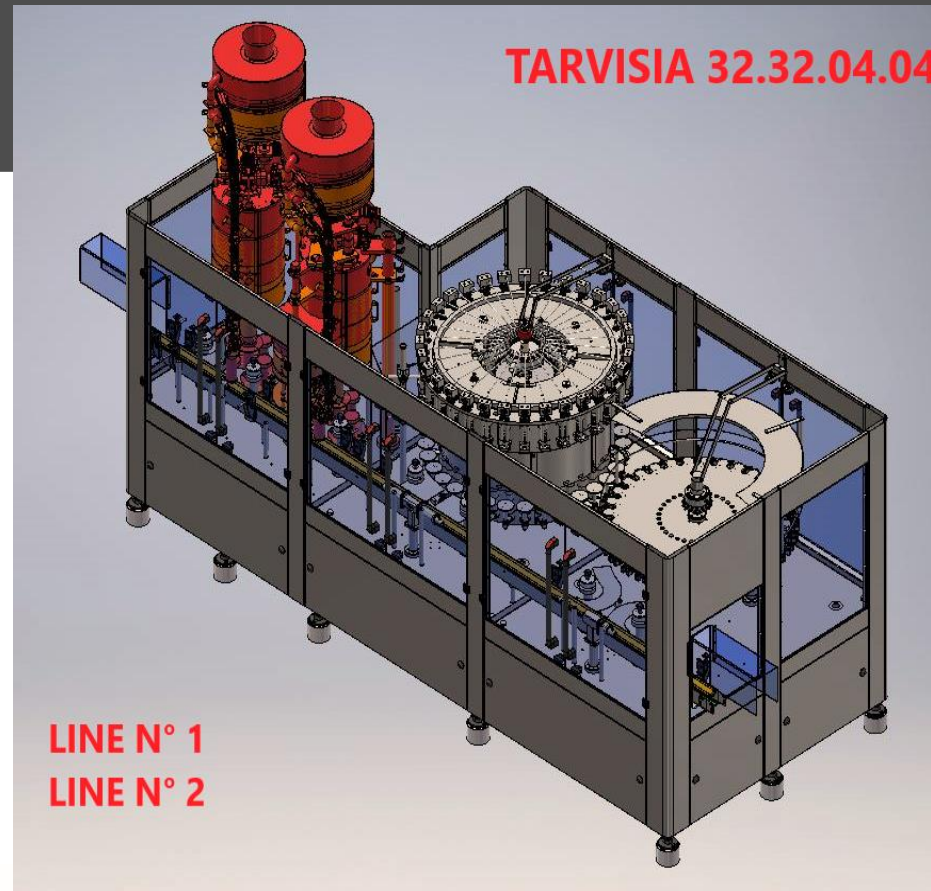
TARVISIA

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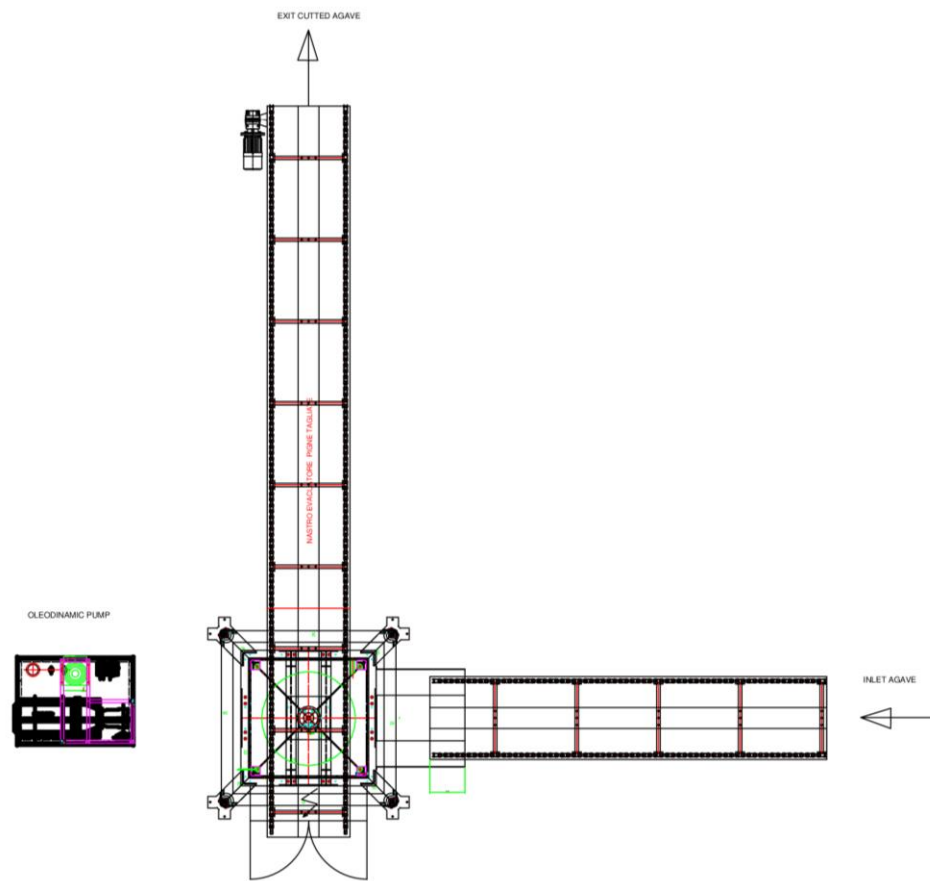
AUTOMATIC MACHINE FOR LOADING, CUTTING IN N. 4 PARTS AND UNLOADING OF AGAVE UP TO 80/100 Kg. WEIGHT MAX DIAMETER 800 mm. AND PRODUCTION MAX 400/500 pcs/h. The frame and structure are completely in Stainless Steel AISI 304. Machine have a knife with n. 4 blades that moving throught pushing a hydraulic piston, and it is able to CUT PERFECTLY the Agave without breaking it and producing waste. Machine T.1000 it's supplied of unfeed and outfeed conveyor belt completely in Stainless Steel AISI 304. A PLC manages all automatic functions and a simple color display touch screen type, allows the modification of the main machine parameters.





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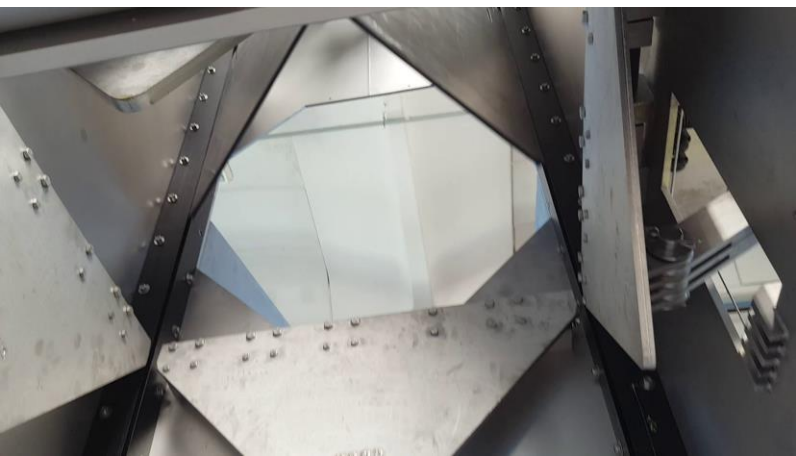




LOWER PART OF THE MACHINE that supports the agave up to a weight of 80/100 kg

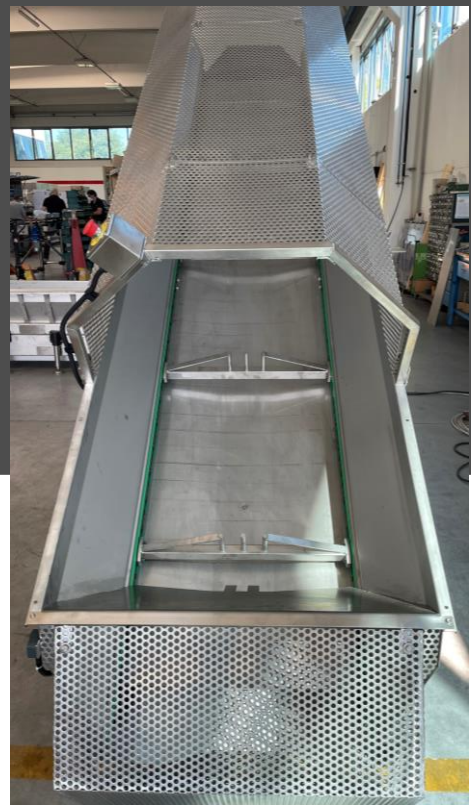


N 4 BLADES KNIFE that through a hydraulic piston, perfectly cuts the agave



LOWER PART OF THE MACHINE which opens allowing the cut agave to fall onto the belt below

LOADING CONVEYOR BELT completely built in Stainless Steel AISI 304, it is managed from PLC for the synchronization of the agave discharge in the cutting area. The belt is capable of carrying agave up to 80 kg with a maximum size of 800 mm



UNLOADING CONVEYOR BELT when the agaves are perfectly cut they fall onto the underlying discharge belt and take the pieces into the cutting transport baskets

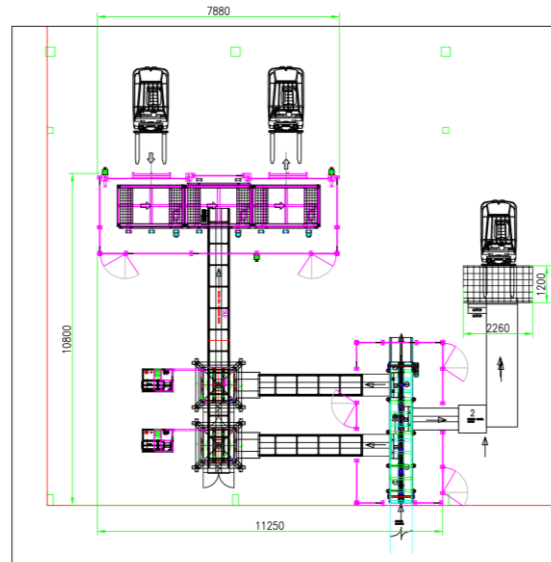




T.1000

Thanks to DIPRAN Engineering division and thanks to year of experience all over the world, we are able to supply a complete line with:

- Agave discharge from truck
- Selection of Agave different dimension
- Cutting Agave
- Unloading Agave cut
- Agave transport cut



Scala
1:100

Codice C.A.D.
000000



T.1000

Thanks to DIPRAN Engineering division and thanks to year of experience all over the world, we are able to supply a complete line with:

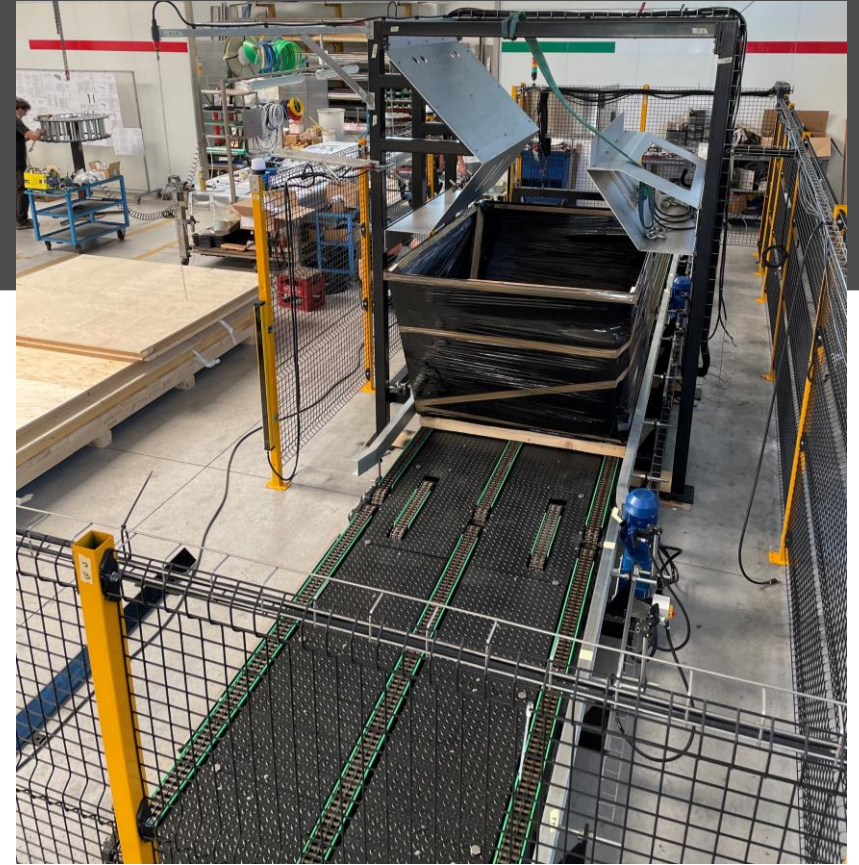
- Selection of Agave different dimension



T.1000

Thanks to DIPRAN Engineering division and thanks to year of experience all over the world, we are able to supply a complete line with:

- Unloading Agave cut





AUTOMATIC AGAVE CUTTING MACHINE Mod.

T.1000

REFERENCE LIST



LINE N° 1





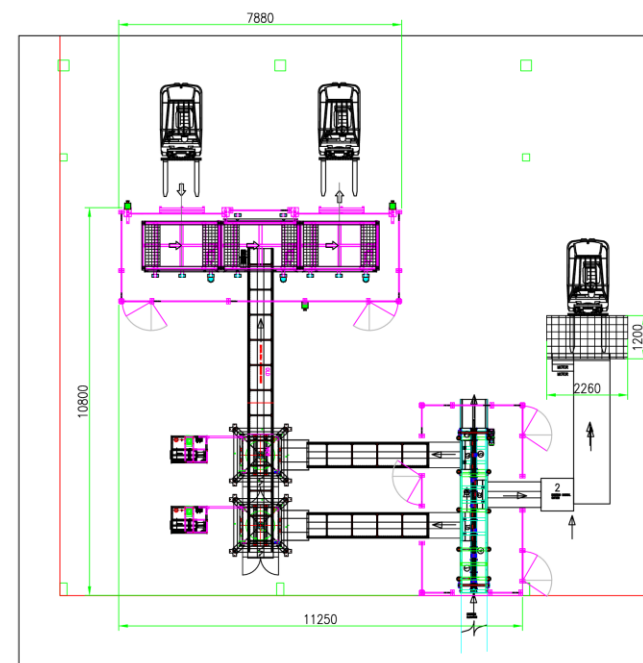
AUTOMATIC AGAVE CUTTING MACHINE Mod. T.1000


REFERENCE LIST



LINE N° 2
DELIVERY:
SEPTEMBER 2021

- Agave discharge from truck
- Selection of Agave different dimension
- Cutting Agave
- Unloading Agave cut
- Agave transport cut



 DIPRAN S.p.A. Tel. +39 02 506011 Fax +39 02 506012 E-mail: com@ipran.it WWW.dipran.it Machine e Impianti di imbottigliamento Machines and Plants for Filling bottling Line		Scala 1:100	Codice C.A.D. 000000
Descrizione AGAVE FRUIT MANAGEMENT		Data 09/06/2021	dis. Milanesi A.
spett.		Riferimento Contr.	Contr. Milanesi A.
cliente		Codice cliente Nalis	Layout LAYOUT 00

LA Dipran S.p.A. si riserva i termini di legge la proprietà del presente disegno con diritto di riproduzione e comunicazione a terzi senza sua autorizzazione



LABORATORY MACHINES



Special machines manufactured on request and designed laboratories to control the proper result in the product production and for the production of small volumes. The machines can be supplied with the different Rinsers and Cappers according to the requests. These machines are also used for the production of small series, and for large formats for wine (up to 20 liters). It 'possible to realize machines for glass bottles, PET and cans





ENGINEERING WORLDWIDE:

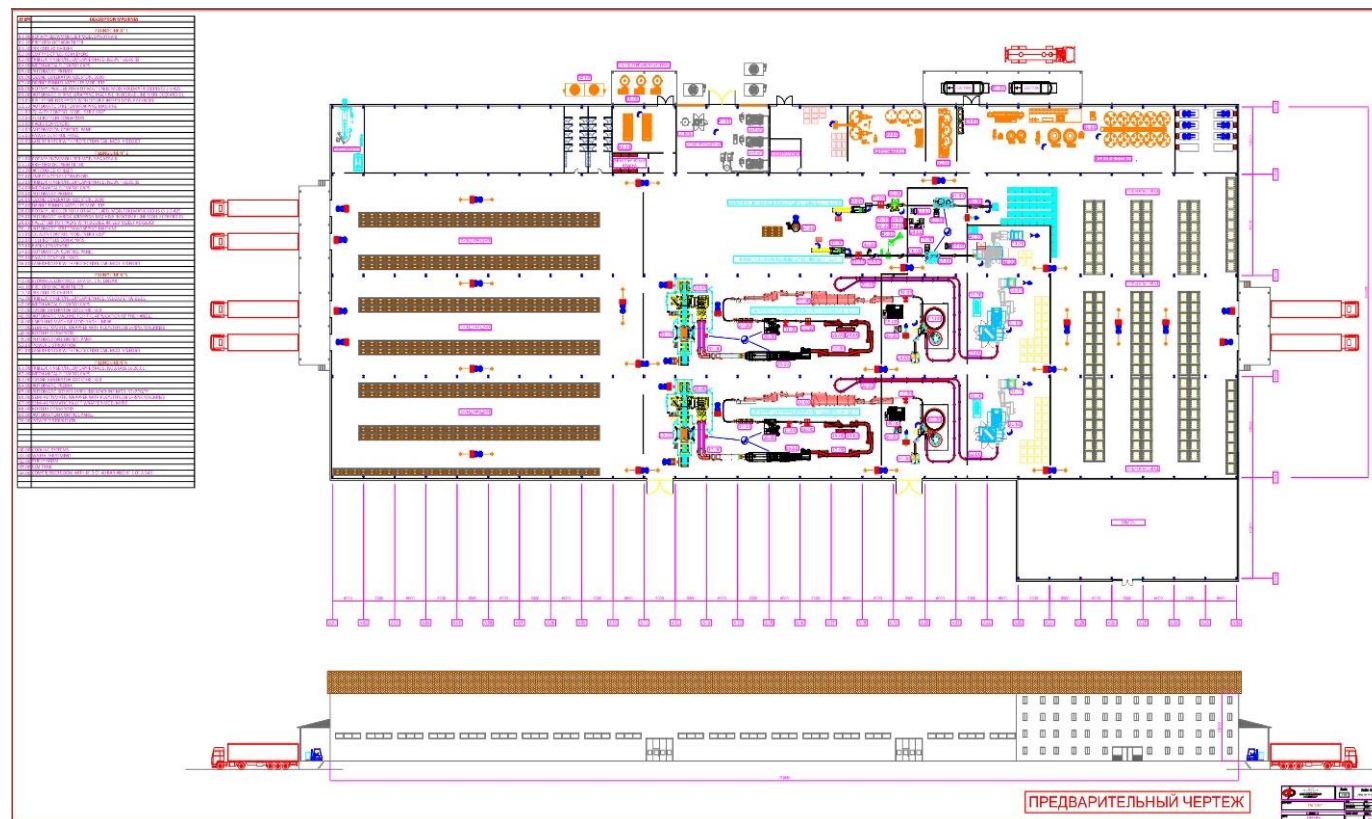
STUDY AND PROJECT
COMPLETE FILLING LINE

Thanks to our mature experience as the result of many years of working and developing of the technology, we project, design, manufacture, install and start-up the Turn-key plants, providing the full services to the Customer, both warrantee and post-warranty, on-line consultancy. All the equipment is manufactured under the main principle **MADE IN ITALY** and with all the components of the European origin



100%

MADE IN ITALY





ENGINEERING WORLDWIDE:

STUDY AND PROJECT
COMPLETE FILLING LINES





CUSTOMER SERVICE WORLDWIDE:

From the purchase and during the entire lifecycle of our machines, we listen to our customers and try to satisfy their needs providing the correct technical and technological solutions, and follow up. That's why, choosing **DIPRAN** you get the most reliable assistance for the most reliable machines.

SERVICE

Our service department is composed with the dedicated staff members, who control and coordinate every phase of the process in order to have a general view of the problems and the related solutions.

SPARE PARTS

Our efficient and flexible department coordinates all spare parts requests and shipment worldwide.

TRAINING

DIPRAN puts its know-how at the disposal of our customers, offering training services aimed at training operators and technicians on the machines they use. We can train staff at our headquarters or at DIPRAN. With this innovative service, DIPRAN intends to demonstrate its willingness to assist customers step by step even after the machine has been sold, offering assistance to staff and machines.



CERTIFICATIONS AND WARRANTIES:



All our machines are designed and manufactured, according to CE regulations, to guarantee their safety



In case of need, all parts in contact with the product are made according to ATEX standards

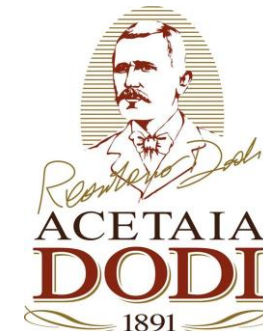


All our machines are guaranteed for 2 years of work

REFERENCE LIST



ESPORÃO



REFERENCE LIST



THANKS
FOR
YOUR KIND
ATTENTION



WWW.Dipran.it