

Efficient transfers of tomato paste and diced tomatoes

SUCCESS STORY

Established in 1915, the Greek canning company KYKNOS is one of the most loved and recognized brands in Greece. A family owned company, famous for its canned tomato products, KYKNOS selects and packs tomatoes, grown in the region of Peloponnesse.

Tomato paste is one of most famous products on the Greek market, which it has been for 100 years. Kyknos produces a high-quality double concentrated 28% tomato paste that gives strong tomato flavour and intense red tomato colour. The tomato paste is 28 brix hot break and is delivered in 200 liter barrels. It must be unloaded at ambient temperature. Kyknos wanted to reduce the drum unloading time (243 kg in 40 minutes) and increase the efficiency of this operation in a more hygienic way.

IMPROVED UNLOADING TIME & REDUCED WASTE

The local Graco distributor in Athens, Concibus Trading Ltd, found a solution to improve the unloading time and reduce the amount of waste. They first did a demonstration with a Graco SaniForce 12:1 drum unloader unit, which gave a drum unloading time of 10 minutes. Then they installed a Graco SaniForce 5:1 drum unloader with a carbon steel frame.

Customer:	KYKNOS
Country:	GREECE
Graco Distributor:	CONCIBUS TRADING LTD.
Equipment:	SANIFORCE
Industry:	FOOD & KINDRED PRODUCTS
Application:	TOMATO

The 200 liter barrels of 243 kg of tomato paste were unloaded in 5 minutes (instead of the original 40 minutes) at a pump air pressure of 3.5 bar. After the operation, weighing the remaining leftovers showed a total of 1,1 kg (= 99.5% evacuation rate) tomato paste in the aseptic bag!

200 L UNLOADED IN 3,5 MINUTES

Kyknos was completely satisfied and ordered the SaniForce 5:1 drum unloader with a carbon steel frame, as well as a SaniForce 3150, a 3 inch double diaphragm membrane pump with flappers to transfer the diced tomatoes. After a Few weeks of operation, Kyknos increase efficiency even further and are now able to unload their 200 l drums in 3.5 minutes!

