

*SUCCESS STORY*  
**DEL LLANO**  
**AGROCOMERCIALIZADORA**

*137,000 AVOCADO CRATES  
PER MONTH*

**Krauss Maffei**

*Pioneering Plastics*



# ECONOMICAL AND SUSTAINABLE VEGETABLE CRATES FROM MEXICO

## OVERVIEW

**CUSTOMER:** Del Llano

Agrocomercializadora

**COUNTRY OR REGION:** Mexico

**INDUSTRY:** Logistics / Packaging

### APPLICATION: VEGETABLE CRATE

- Number of cavities: 1
- Shot weight: 430 g \*, 2000 g \*\*
- Cycle time: 14 s \*, 40 s \*\*
- Material: PP/ 100 % Regranulate \*, HDPE colored \*\*

\*10 kg crate, \*\* 30 kg crate

### MACHINE DETAILS: MX 1000-12000

- Clamping force: 10,000 kN
- Screw diameter: 120 mm
- Handling: Falling

### CUSTOMER PROFILE:

Del Llano Agrocomercializadora is a leading provider of plastic transport packaging.

### REQUIREMENTS:

- Efficiency and flexibility with use of two molds
- Fast reaction times in peak periods (during high season)
- High product quality
- Reliable and at same time user-friendly technology

### INDIVIDUAL SOLUTION:

- Optimally configured clamping unit for use of both molds
- High-performance screw HPS
- APC plus for high shot weight consistency

### BENEFITS:

- Maximum throughputs and flexibility (also in peak periods)
- Safe, reliable production
- Unmistakable component quality
- Excellent cost-efficiency
- Increased market shares

Almost everyone knows them from the supermarket, the tasty Hass avocados from Mexico. They are increasingly packed for export in vegetable crates from the company Del Llano Agrocomercializadora in Tacambaro, Mexico.

The strategy of the young company in the Mexican state of Michoacan is designed for growth. And the strategy is a success. Created in 2015, Del Llano Agrocomercializadora is meanwhile considered to be the leading manufacturer in the Mexican packaging industry. Since the commissioning of a fully hydraulic MX 1000-12000 from KraussMaffei in summer 2019, within one year production has increased by over 200 per cent. In summer 2020, the production of avocado crates reached the proud number of 137,000 per month. Primarily, transport crates with a capacity of 10 kg are produced. Another mold is ready for the production of larger crates for field work (capacity 30 kg).

The plastic crates are designed for possible multiple use. The MX series from KraussMaffei also allows the processing of up to 100% of recycled material, and thus supports the concept of the circular economy.

With KraussMaffei, the ideal partner was found. In this application, the MX series impresses with its top performance thanks to a high plasticizing output and simultaneous homogenization, even with high shot weights. Beside the MX 1000, two other KraussMaffei machines are in use: a GX 550-6100 (clamping force 5500 kN) and a CX 160-750 (clamping force 1600 kN), which produces the matching lids for the transport crates.

***"With the new MX 1000, we have increased our production more than threefold within one year."***

(Tirso García, founder and owner of Del Llano Agrocomercializadora)



*From Mexico into the world:  
Plastic crates for Hass avocados*



*Success as a team:  
The new MX 1000 at Del Llano*



Krauss Maffei

**Flexible production:**  
The new MX 1000 is designed for the  
production of transport crates with  
a capacity of 10 kg or 30 kg.