**Mango Transportation JUMEX**

**Challenge**
The JUMEX company based in Mexico City is Mexico’s largest juice producer. Whole mango fruits, which were fed into the production process with the previously installed two pumps of a competitor showed high damage rates. Hidrostal was contacted with the aim of optimizing this process and received all required information to define an alternative pump solution.

**Solution**
Hidrostal offered the F-type Screw Centrifugal Pump with closed impeller for gentle handling of delicate goods, first only one of the two existing pumps was replaced. Installed electric motor and belt drive were reused, only the pulley on the motor end was replaced in order to achieve the required speed of the new pump.

**Benefits**
The result is consistently positive since the Hidrostal F-type pump has been installed, a high level of customer satisfaction was achieved:
- no more significant damage to the mangos
- gentle handling of mango in fruit juice production process without losses in quality
- one year later, the competitor’s earlier installed second pump was replaced with the Hidrostal F-type.

**Quantity of units sold**
2

**Pump type**
I08F-M01 with Bearing frame and belt drive

**Motor data**
Not available

**Material combination**
Cast iron pump body and wear parts with nodular iron impeller

**Duty point**
Flow : 130 litres per second / Head : 16 meters

**In operation since**
2005