



## Caso Laminador

### Myande Flacking Mill *Sao Simao, GO (Goiias), Brazil*

This equipment is already working with an excellent performance level. It processes 550 tpd with a thickness of less than 0.35 mm across the laminate. Its electricity consumption is below 5.5 kw/ton.

Global manufacturers headquartered in the Occident supply the equipment's main components: Balaguer rolling devices, SKF bearings, Gates belts and pulleys, SEW reducers, WEG or Siemens motors, and Rexroth hydraulic devices, ensuring a fast local supply of parts in the event of any inconvenience. Its engineering and construction design addresses the smallest details based on the TCO concept, so our customers get the best cost-benefit in the market.

Myande opened a new factory: a 80,000 m<sup>2</sup> facility with intelligent warehouses, robotics and highly trained personnel, obtaining greater productivity to achieve competitive prices. This latest project consolidated Myande's position as a global leader, bringing its total number of deliveries of turnkey plants in the last 10 years



to 62, all with a high level of customer satisfaction. With Proglobal's support and local synergy, we have been able to get close to each one of the users.

#### Measurements taken

Before and after the start-up of the flaking mill, several measurements were taken in conjunction with the client. This allowed us to find a significant difference in the ROC of 0.3%. Monetizing these values, the following conclusions can be made:

**1800-TPD soybean plant produces 1350 TPD of soy flour.**

**An improvement of 0.3% in the ROC is equal to 4.05 TPD of oil.**

**Oil: 4.05 Tons x U\$D 600 = U\$D 2,400**

**Flour: 4.05 Tons x U\$D 300 = U\$D 1,200**

**Daily difference = U\$D 1,200**

**Annual difference = U\$D 1,200 x 330 = U\$D 396,000**

**In addition, the flaking mill provides an annual energy savings of USD 30,000.**