

New machines  
available  
from Evans/  
MacTavish:

EconoSep  
EconoCylinder  
Narrow Band Dryer  
Pad Opener

# ECONOMY OF SCALE

SIZE AND PRICE ARE THE DRIVING FACTORS BEHIND  
EVANS/MAC TAVISH'S NEW MACHINES.

**A**t TABEXPO Barcelona, Evans/MacTavish launched the first machine in its EconoLine—the EconoSep, a smaller, more economical separator designed to meet the needs of small leaf processors and smaller processing lines. Since then, the company has applied that same line of thinking to other equipment and now offers a range of smaller solutions. In addition to the separator, Evans/MacTavish is introducing the EconoCylinder and the Narrow Band Dryer. The company has also launched a new Pad Opener for the Oriental market.

“This line of machinery is to expand the full range of leaf processing machinery we already offer, which will allow our company to cater to a full range of customers, from small to the largest,” says Sam Levy, vice president of sales and marketing.

“In the last two years, we’ve spent a significant amount of time and involvement to design a new concept and new equipment to offer what we feel the market is looking for.”

He adds, “The machines have had tremendous amounts of improvements and the prices are in line with what we thought. They are still below conventional equipment.” He says the new equipment is “very compact and offers low space consumption and utilities.”

On average, processing lines operate at a maximum of five to six tons per hour on the conventional large equipment. However, many of the factories today are processing at a rate of 2 to 2.5 tons per hour.

For this level of processing, Levy says, “There is no equipment available with a five-year payback.”

Enter Evans/MacTavish with its new line. Levy says the company now offers complete bundle package. “The new equipment offers new technol-

ogy with lots of features, from low to high capacity, and it’s reasonably priced.”

**ECONOSEP.** The EconoSep has performed well since its introduction at TABEXPO due to its unique design. “One of most successful separators ever built is the counterflow. We took the separation chamber of the counterflow and incorporated [it] into this design,” says Levy.

The EconoSep features a new feed system, the Air Feed Impeller, with its own independent air supply. In order to provide clean air for the Air Feed Impeller, Evans/MacTavish developed a filter system with automatic self-cleaning.

The separation fan is direct drive, which eliminates the need for all mechanical drive components.

The EconoSep has a reduced noise level and a smaller footprint than a conventional separator.

The machine has fewer components, reducing the maintenance requirements. “We made the machine a lot simpler,” says Levy.

The separator also features a new spiral air lock system. “This decreases the noise as well as the horsepower required. It also increases durability,” says Levy.