The Weighblock filler ensures ultra-accurate electronic weight monitoring using a net/gross comparison.
The privately owned Portuguese company Riazor – Aceites de Oleos Vegetais SA trades with olive oil and other edible oils, both as container goods and as household-sized packages. The company from the Alentejo is also involved with a bio-diesel facility for generating energy, has a presence in the transportation sector, and runs its own olive tree plantations, on which the Arbequina, Cobrançosa, Galega, Lentrisca, Picual and Koroneiki varieties are grown. The Cardoso family markets its top-quality olive oil under the brand-names of Sabor de Olaia, Capitao, Lagareiro, Casal de Amendoeira and Torrejana, all of which are offered in glass bottles. The edible oils Pôr-de-Sol and Fritaplus, by contrast, are marketed in PET containers.

In Riachos, in the heart of Portugal, Riazor possesses storage capacities of 26,000 cubic metres, so as to ensure rapid-response deliveries. At this facility three years ago, in a newly built hall, Riazor also installed its first in-house bottling capability for olive oil and other edible oils.

Golden-yellow and aromatic

In Portugal, the Riazor company has now started to bottle olive oils and other edible oils in-house. For this purpose, Riazor installed a PET line and a glass line, both of them from Kosme.
The KSB 4L PET with four cavities produces 1.0-litre containers at a speed of 6,000 containers an hour.

The PET line handles containers from 1.0 to 5.0 litres in size.

Preform transport in the linear machine.
The containers are dressed on an Extra HM labeller, equipped for handling hotmelt labels.

PET line with two stretch blow-moulding machines

The PET line features two stretch blow-moulding machines for different container sizes. A KSB 2XL with two moulds produces 3.0- and 5.0-litre containers at a speed of 2,400 containers an hour. As a parallel option, the KSB 4L, with four cavities, produces 1.0-litre containers at a speed of 6,000 containers an hour. Both stretch blow-moulding machines alternately serve the downstream Weighblock filler, providing ultra-accurate electronic weight monitoring using a net/gross comparison, and additionally fitted with a nitrogen dosing feature. After a Uniclip has affixed the carrying handles for the large-volume containers, they are dressed on an Extra HM labeller, which has been equipped to apply hotmelt labels.

Glass line uses the same palletiser

The single-column palletiser is also used for the glass line: the bulk glass is here provided by a Depack B sweep-off depalletiser. The heart of this line is likewise a Weighblock filler equipped to handle 0.25-litre, 0.5-litre, 0.75-litre and 1.0-litre glass bottles, which are dressed in pressure-sensitive labels for body and back by an Extra AD labeller. The glass bottles are packed in cartons on a wrap-around machine, and then palletised by the above-mentioned Pal Mec Arm PS palletiser with its shutter-type gripper head.

Rui Correia
Krones Portugal
Tel. +351 21 43425-03