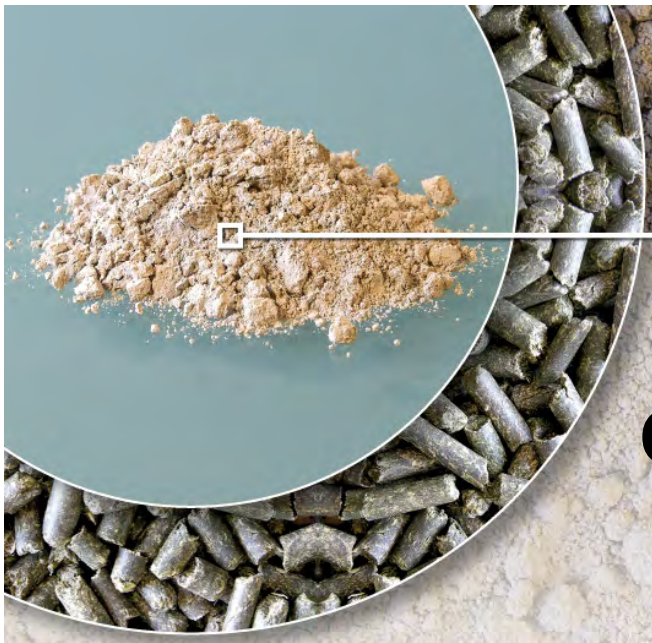


LINEAR BUCKET CUTTER SAMPLER *EGTR*

AT CONVEYOR BELT DISCHARGE

Compliant with sampling theories and standards

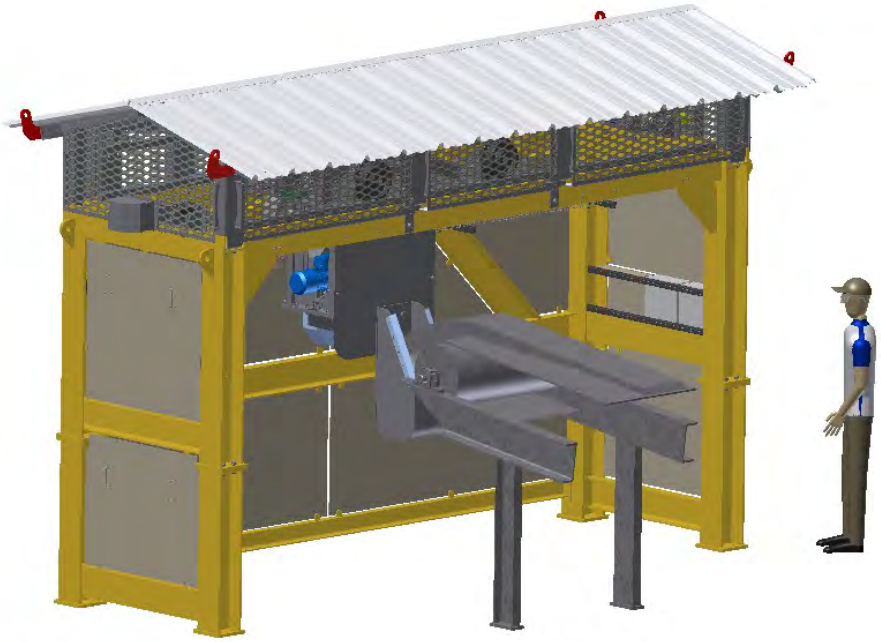
ITECA SOCADEI

DESCRIPTION

The result of an analysis depends on the accuracy of the sample: the more representative the sample is, the more accurate and correct the analysis will be.

Pierre GY, the world renowned sampling specialist, says: "*On the primary sampling, bias can be up to 1 000 % and up to 50 % on the secondary sampling whereas they never exceed 0,1 to 1 % in analysis*". This is why sampling devices are crucial for quality control, process control or commercial purposes.

The Linear Bucket Cutter Sampler EGTR is designed in compliance with Sampling Theories and Sampling Standards. In the park position, the top of the bucket is downwards. It travels to its opposite position and turns to be upward. Then, the buckets crosses the whole stream of product at a constant speed and collects a full cross-section. When it comes back at its first position, the bucket turns again and the product is discharged in a collecting hopper.



TECHNICAL DATA

Principle	linear bucket sampler
Location	at conveyor belt discharge
Width of the belt (max.)	up to 2,5 m
Flow rate (max.)	depending also on the max. particle size
Particle size (max.)	depending also on the max. flow rate
Drive	gear motor
Sampling speed	max.: 0,6 m/s
Width of the cutter	depending on the max. particle size (≥ 3 times)
Removable bucket	yes
Replaceable sampling lips	yes
Compliant with *Sampling Theories* and *Sampling Standards*	yes
Construction	Mild steel, wear resistant steel or stainless steel depending on product and application

Iteca Socadei also offers a complete range of sample preparation devices (particle size reduction, division, sample storage, etc.) as well as on-line analysis and fully automatic laboratories.

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