



HERON AUTOMATIC GRAIN SAMPLER 4000

Trade your grain at the right price

Gyroscopic type

Standard type



The samplers of series 3000 can still be ordered wherever 400 V 3-phase current is not available.

HERON

Grain probe

Pillar-mounted models HERON Standard or Gyroscopic type

Swinging up/down drive gearmotor controlled through a variable frequency drive (VFD) for torque boost and integrated dumper bottom detection. Vacuum intake with grain-to-air ratio adjustment. VFD-controlled swivel drive gearmotor.

3 kW (380V) vacuum turbine at the foot of the sampler for conveying distances up to 60 m; or at the sample receiver end for greater distances.

Electric enclosure on the sampler pillar.

Cycloburo-type sample receiver station with 10 litres sample retainer and with an air-pulse cleaned filter sleeve for integral recovery of all particles.

Compact wired push-button control box as standard equipment, large control panel optional.

Sample intake through monotube probe (1) (direct vacuum intake) or twin-walled probe (2) (core-sampling style).



HERON Standard has an operating radius of 2900 mm.



HERON Gyroscopic style offers operating ranges with 3300mm, 4100 mm, or 5000 mm radius.

The new «in-line» sampler arms have the tubes and hoses in line with the arm to prevent interference with structural parts of the vehicle.

380 Volts 3 kW vacuum turbine with flow inverter. Standard mounted at the foot of the pillar. Easy access; robust construction.

TPLG adapt to your most specific requirements

Standard or Gyroscopic sampler on wall-mounting bracket.

HERON 4000 Standard or Gyroscopic style samplers also present a multitude of options designed to provide an ever improving response to your specific requirements.



Roof mountal

NEW

Alternative mode

Like a car can «limp home» in semi-automatic mode, the sampler can operate the up/down and swivel drives even if the VFD fails. No down-time. Fixing or replacing the inverter is no longer a problem.



2 rue des Jonquilles - BP 14 - 89260 PERCENEIGE - FRANCE
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COBRA AUTOMATIC GRAIN SAMPLER 4000

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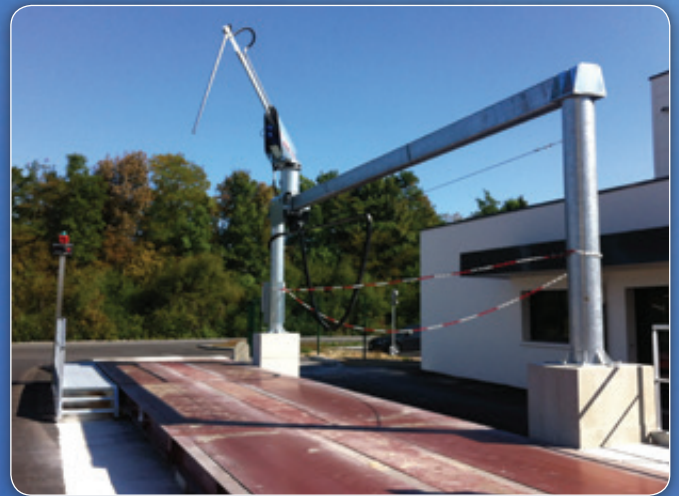
COBRA

Gantry-mounted Grain Probe

Smoothness, precision, safety, and speed, with the additional benefit of a coverage of the entire length of the trailer.

COBRA features the same technical, mechanical, and electronic specifications as Heron 4000. Its design using a carriage travelling along a gantry rail allows total coverage of long vehicles. It thus meets highest international standards:

NF EN ISO 24333 (2010-02)



TPLG adapt to your most specific requirements



Raised COBRA PREMIUM. The custom-made support structure allows free passage of high vehicles under the rail.

TPLG can offer solutions spanning much longer effective travel distances (30 m and more) to cover even the longest vehicle trains.

Surplus material recirculation back into the trailer (or any other location of your choice).

All our grain samplers can be fitted with this option which saves time and minimizes handling operations.

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CAMELEON

AUTOMATIC GRAIN SAMPLER 4000

Trade your grain at the right price



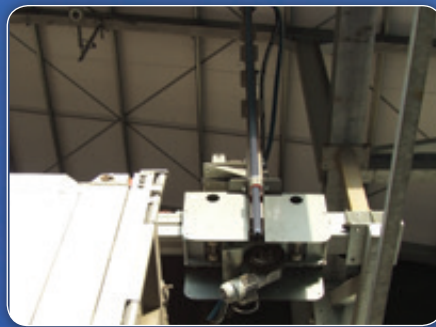
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CAMELEON

The latest addition to the range of TPLG grain samplers, CAMELEON has been specially designed to meet the specific needs of sampling operations on tankers (rail or road), but is equally suitable for all other types of vehicles.



CAMELEON: tailor-made for silo trucks and rail cars.
CAMELEON can also be used on any other type of vehicle.



The straight vertical stroke of its probe provides precision and a high force of penetration.
The movement is assisted by a variable frequency drive allowing the probe to dive as deep as 4 m even into high density products and powdery material.
The longitudinal travel along a rail allows fast sampling of long vehicles with high accuracy.

TPLG adapt to your most specific requirements

CAMELEON can come with a gantry structure or rest on wall-mounted brackets.
Call us for any custom project.

NEW

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S.A.R.A.

**AUTOMATIC SYSTEM FOR
RECEPTION AND ANALYSIS**

Trade your grain at the right price



S.A.R.A

Automatic System for Reception and Analysis

S.A.R.A. is a fully automated system for the reception and redistribution of the incoming grain sample. It will help you controlling the process of quality management from the sample intake right down to the possible data transfer from the analyzer devices to your IT system with an appropriate software (optional).

Linear drive S.A.R.A.

Can reach a virtually unlimited number of analyzer devices.

Meets highest demands. Big time saver.



Cut down testing time and increase the accuracy of your results.

S.A.R.A. adapts to your needs and your premises.

Principle of operation: (an example)

- Sample arrival in the cyclone receiver attached to a mobile (rotating or translating) distributor carriage
- Automatic determination of the required grain level
- Homogenization by a blending auger
- Distribution over the desired processing stations, such as:
 - Grain cleaner
 - Analyzer appliances
 - Sample collecting container
 - Bagging machine
 - Surplus material recirculation hopper
- Can be designed to process raw grain as well as cleaned grain



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LYNX MOUSTICK

Trade your grain at the right price

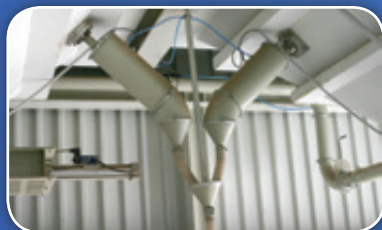


LYNX



MOUSTICK & LYNX, Two in-line grain samplers for two different applications

MOUSTICK



MOUSTICK is simple, unobtrusive, and functional.

MOUSTICK fits anywhere in your grain handling installation, on flat surfaces as on curved walls (tubes).

MOUSTICK comes in gravity chute mode or with vacuum intake.



MOUSTICK can be installed horizontally (vacuum intake only) or inclined up to 45°.

MOUSTICK is a sampler for many uses:

- inspection before shipment
- inspection after drying
- inspection during unloading
- inspection after cleaning
- and so forth

In a network installation MOUSTICK is ideal for checking the quality of the product at every stage of the transformation process or handling operation. Thanks to its multifunctional adjustable timer, MOUSTICK will sample the quantity desired by the operator, at the frequency that he specifies.



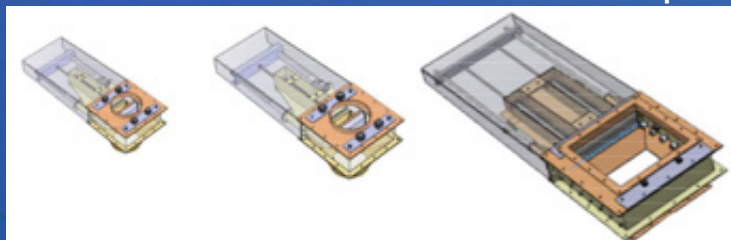
LYNX, the reference for cross-stream diverter samplers used in commercial grain trading transactions

ISO EN NF 24333 (2010/02) states that only samplers sweeping through the full cross section of a stream are fit to provide true samples from a free falling flow of grain.

LYNX is a cross-stream cereals sampler which does not rely on gravity to convey the sample material.

The elimination of a gravity-driven sample transfer allows a substantial reduction of the space requirement of the sampler, especially its height.

LYNX is available in different sizes, allowing it to be installed on many circuits with different flow rates.



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SERIES 4000 PREMIUM

Trade your grain at the right price



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THE PREMIUM SERIES: Tough Machines for Commercial Jobs

Five grain samplers for commercial use, high capacity, adaptive design for compliance with your requirements.



COBRA



STANDARD



BULKPECKER



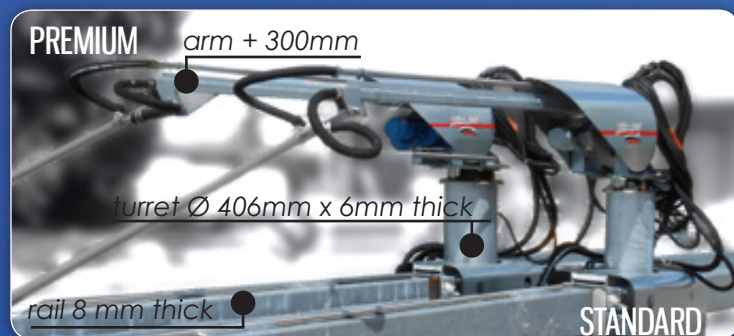
CAMELEON



GYROSCOPIC
STYLE
(elevated base)



SPECIAL FEATURES OF THE PREMIUM RANGE



COBRA

Feature / Range	Premium	Standard
Arm (length)	2545 mm	2245 mm
Rail (thickness)	8 mm	6 mm
Turret (diameter)	406x (6 mm thick)	324x (4 mm thick)
Up/down drive motor	1.1kW	0.75 kW



STANDARD & GYROSCOPIC

Feature / Range	Premium	Standard
Pillar (diameter)	406 mm	324 mm
Up/down drive motor	1.1kW	0.75kW
Base plate	800x800 mm	600x600 mm

NEW

Alternative mode

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