



Grain sampler  
**BioPro VV06**





## FOR THE BEST PRICING

of incoming goods



## QUALITY OVERVIEW

representative sample of store goods



## TIME SAVING

thanks to process automation



## TECHNICAL RELIABILITY

robust construction, easy maintenance



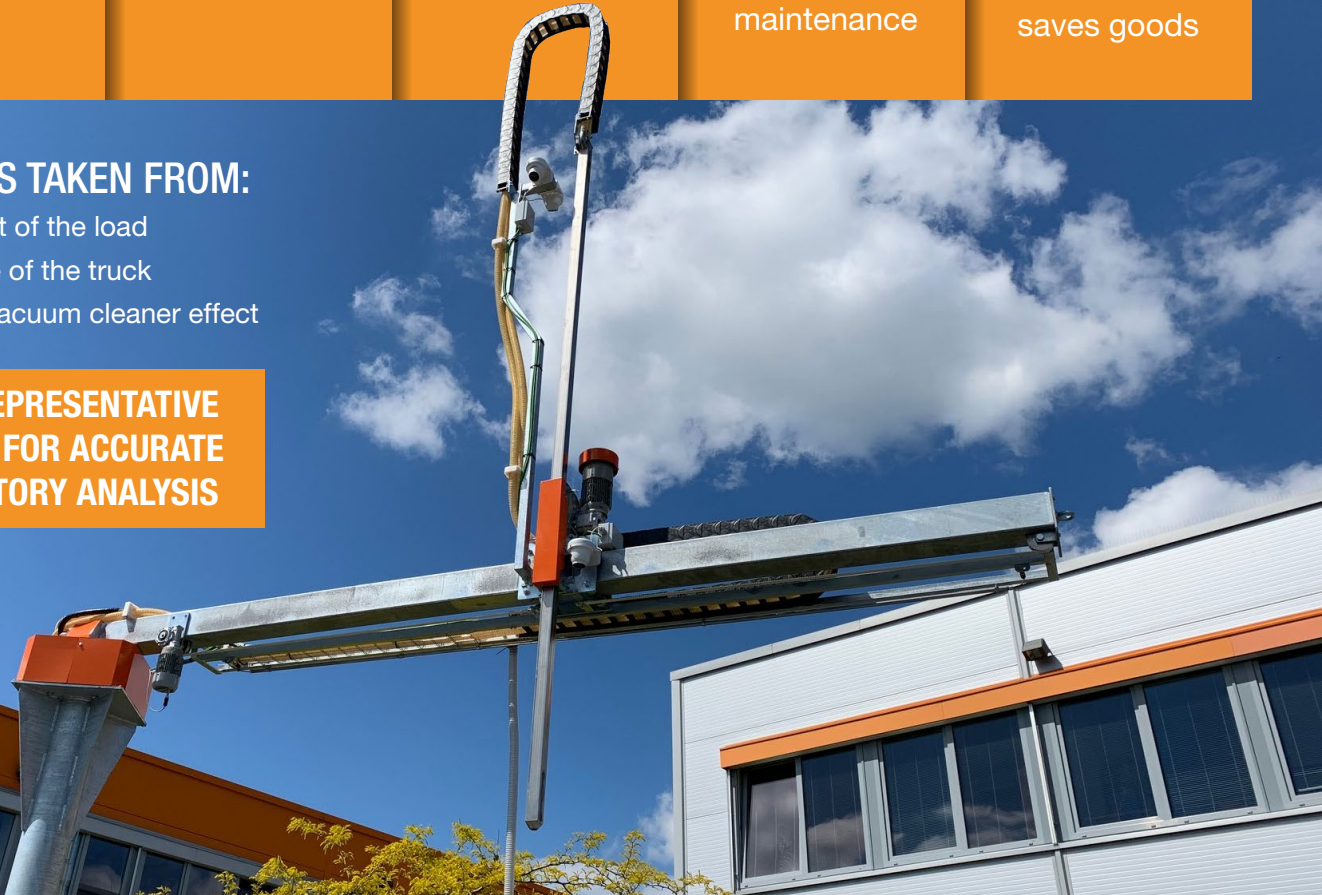
## SURPLUS SAMPLE HANDLING

return transport to the truck saves goods

## SAMPLE IS TAKEN FROM:

- Full height of the load
- Any place of the truck
- Without vacuum cleaner effect

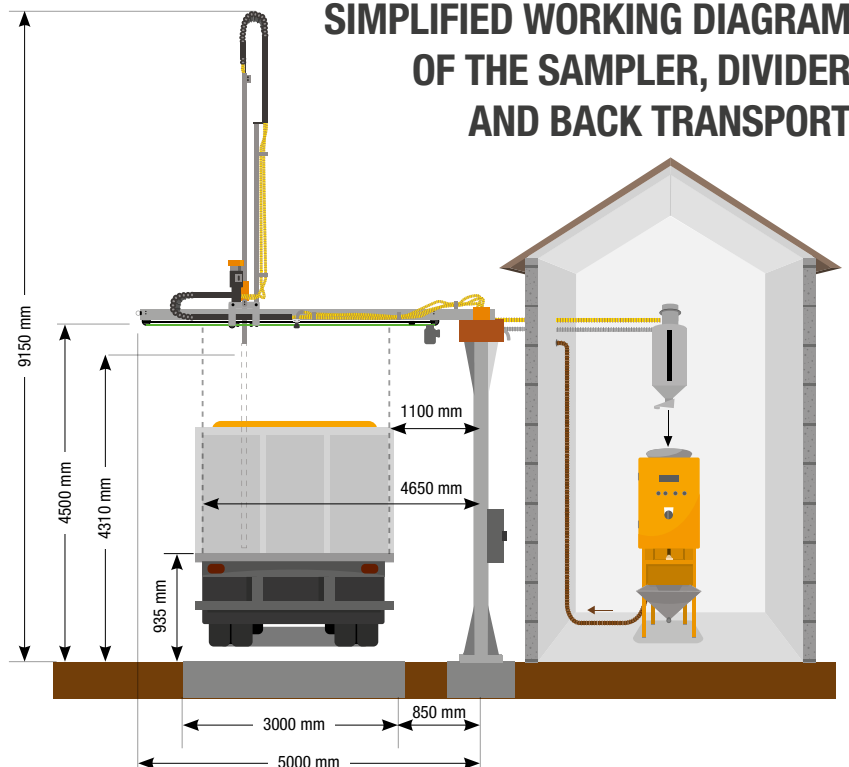
**GET A REPRESENTATIVE SAMPLE FOR ACCURATE LABORATORY ANALYSIS**



## TECHNICAL FEATURES

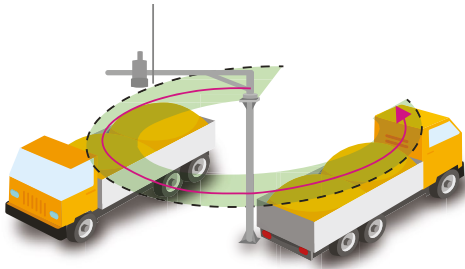
- Large operational area
- Robust construction ensures long-term technical reliability
- Vertical probe with double skin concept, length 4,15 m
- Designed to meet ISO 24 233 specifications
- Digital camera as a part of delivery
- Easy solution of the laboratory grain surplus handling

## SIMPLIFIED WORKING DIAGRAM OF THE SAMPLER, DIVIDER AND BACK TRANSPORT

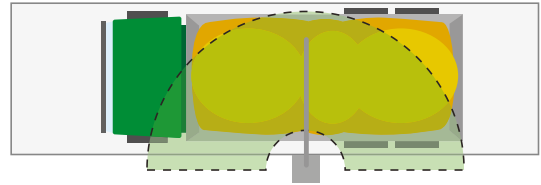


## SAMPLER OPERATIONAL AREA

Radius of action up to 270°

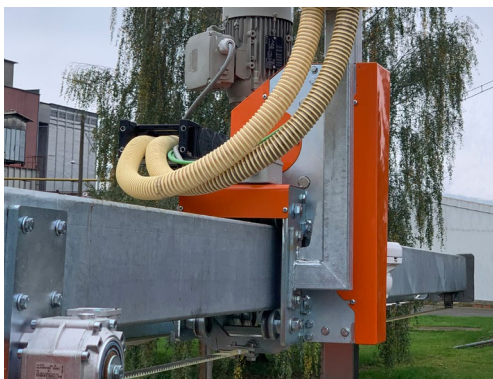


Operational area 32,2 m<sup>2</sup> (at 180°)



## BENEFITS

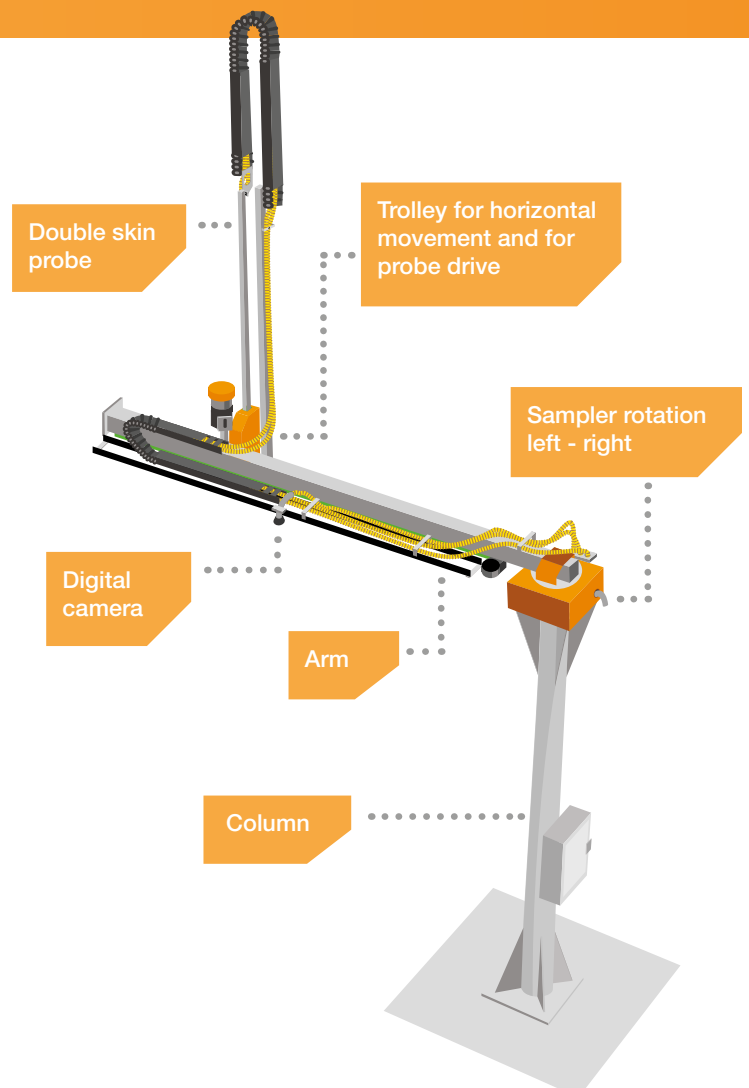
- Precise targeting of the sampling point thanks to the vertical probe (also suitable for tanks)
- Representative and accurate sample ensures optimal pricing of purchased raw materials thanks to the probe double skin design
- Video camera placed on the arm guarantees a precise targeting of the sampling point.
- Long double skin probe with strong injection force performs the sampling of the entire height of the load
- Return transport saves sample surpluses
- Optional sample divider in manual or automatic mode ensures homogeneity and the correct size of the analyzed sample
- Small area required for the installation; the column height can be tailored on demand
- Samples can be transported up to a distance of 90 m (optional)
- Suitable for all types of cereals
- Possibility to implement analyzers and create automated receiving system



Square double skin probe with side mounting on the arm for easier serviceability



Hose leading with energy chains increases their durability



## ABOUT US

- We deal with the issue of quality control of agricultural commodities since 1990.
- We cooperate with large agricultural enterprises throughout the Czech Republic and abroad.
- We have network of authorized distributors in European countries.
- We produce grain samplers since 1995.
- We are expanding our range of grain sampler models.
- We apply modern technologies and put emphasis on the quality and robustness of our products.

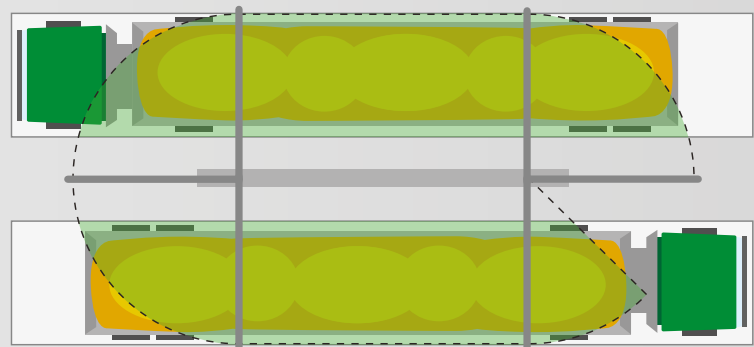
## TECHNICAL SPECIFICATIONS

Total height	9,15 m
Length of the arm	5 m
Length of the probe	4,15 m
Nearest possible point of sampling (from sampler axis)	1,1 m
Furthermost possible point of sampling (from sampler axis)	4,65 m
Power supply	3x400 V
Power consumption	2,8 kW
Transport weight	720 kg
Operational area (at 180°)	32,2 m <sup>2</sup>
Radius of action	270°
Angular velocity of the rotation of the arm	180°/20 sec

## OTHER MODELS

### GRASYX

- portal model (sampler on the rail)
- standard rail 8 (10 or 12 m)
- operational area up to 137 m<sup>2</sup>



### SIMPAX

- circle sampling or circle section sampling
- simplified lightweight model

