

BioPro WV 05

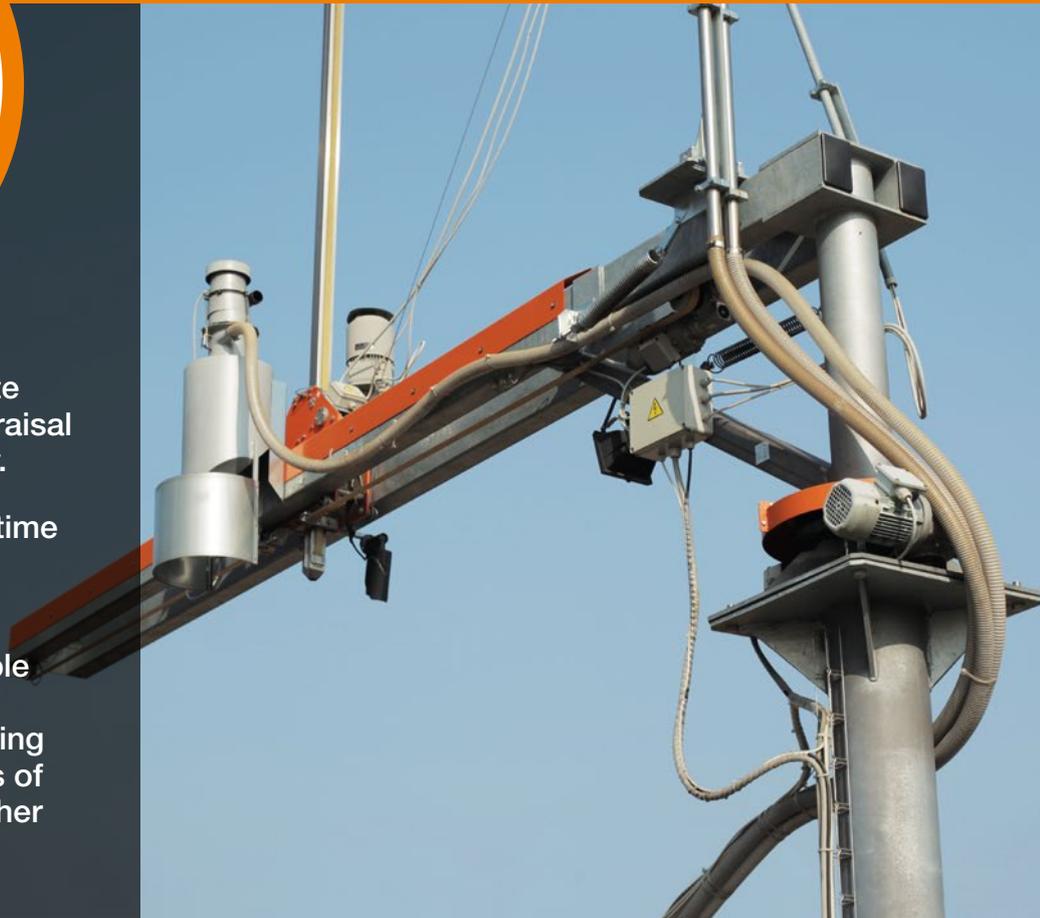
Core sampler

Drawing objective samples of cereals from lorries, railway wagons, tractors and other means of transport.



Important quality control and economic efficiency tool

- A representative and accurate sample ensures optimal appraisal of the purchased commodity.
- Sampling automation saves time and guarantees the required sampling objectiveness.
- Return transport of the sample represents an economically convenient solution of returning the sample rest to the means of transport without building other auxiliary structures.



Design and installation

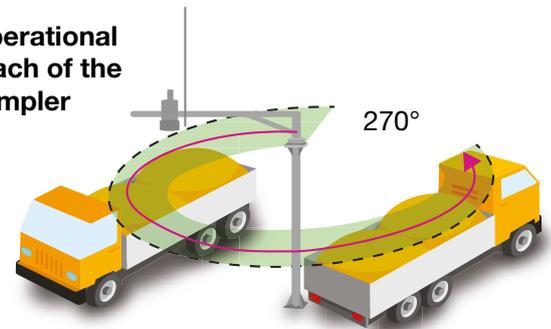
- The sampler is designed with the aim to ensure taking of objective samples and observance of relevant standards, especially ISO 24 333.
- Robust reliable structure with simple maintenance.
- In-house design and production based on long-term experience, know-how and customers' needs.
- Installation on a small footprint with a wide operational reach, which make it possible to take a sample from any place.
- Automatic reception point with integrated analyzers (optional).



Double-wall sampling probe and camera

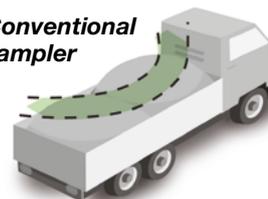
Operation area of the sampler

Operational reach of the sampler



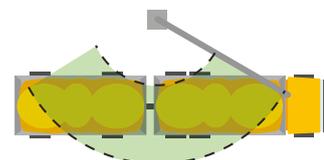
Single-stop sampling

Conventional sampler

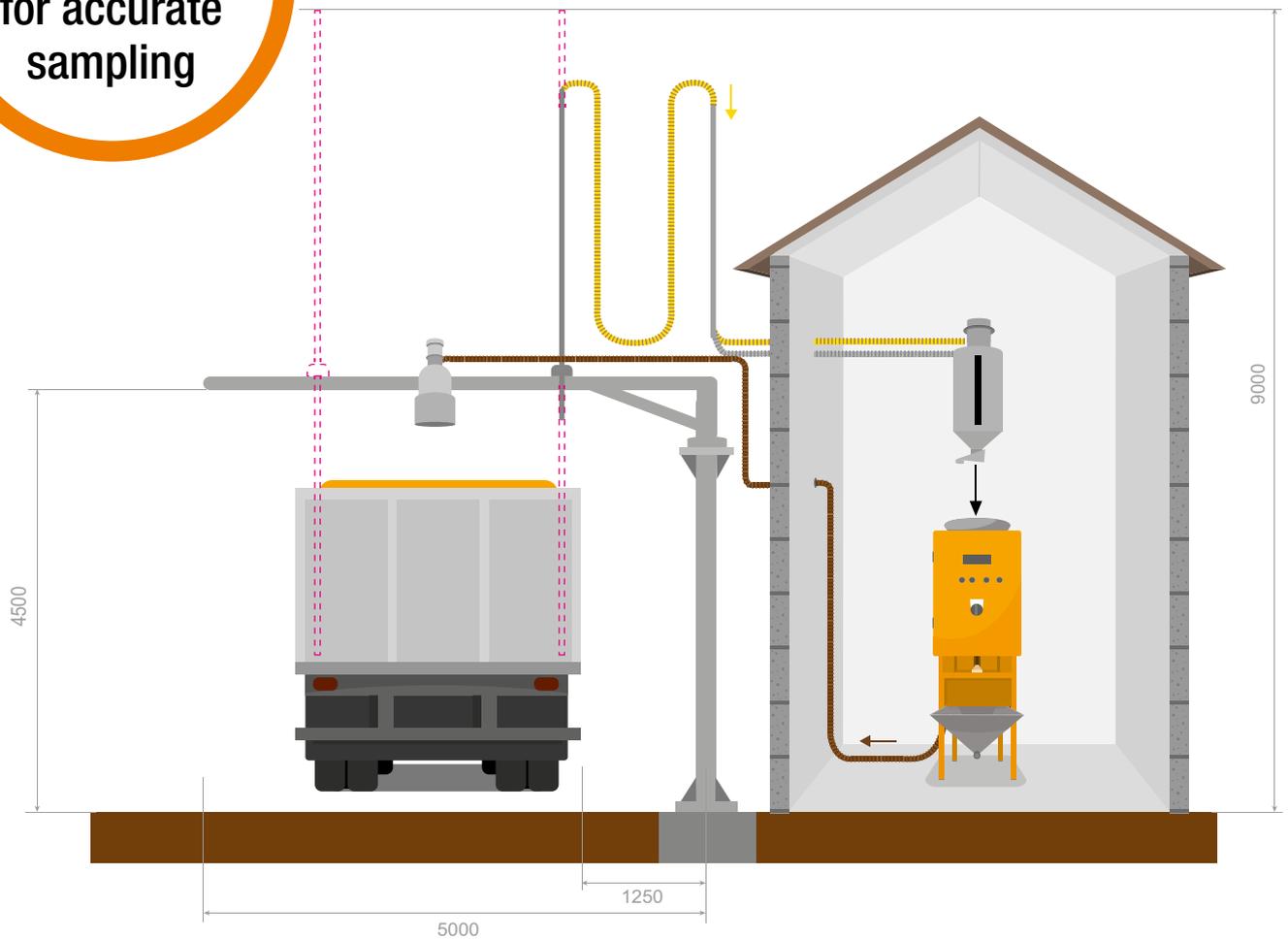


Sampler VV 05

Sampling of truck with a trailer



Long
vertical probe
for accurate
sampling



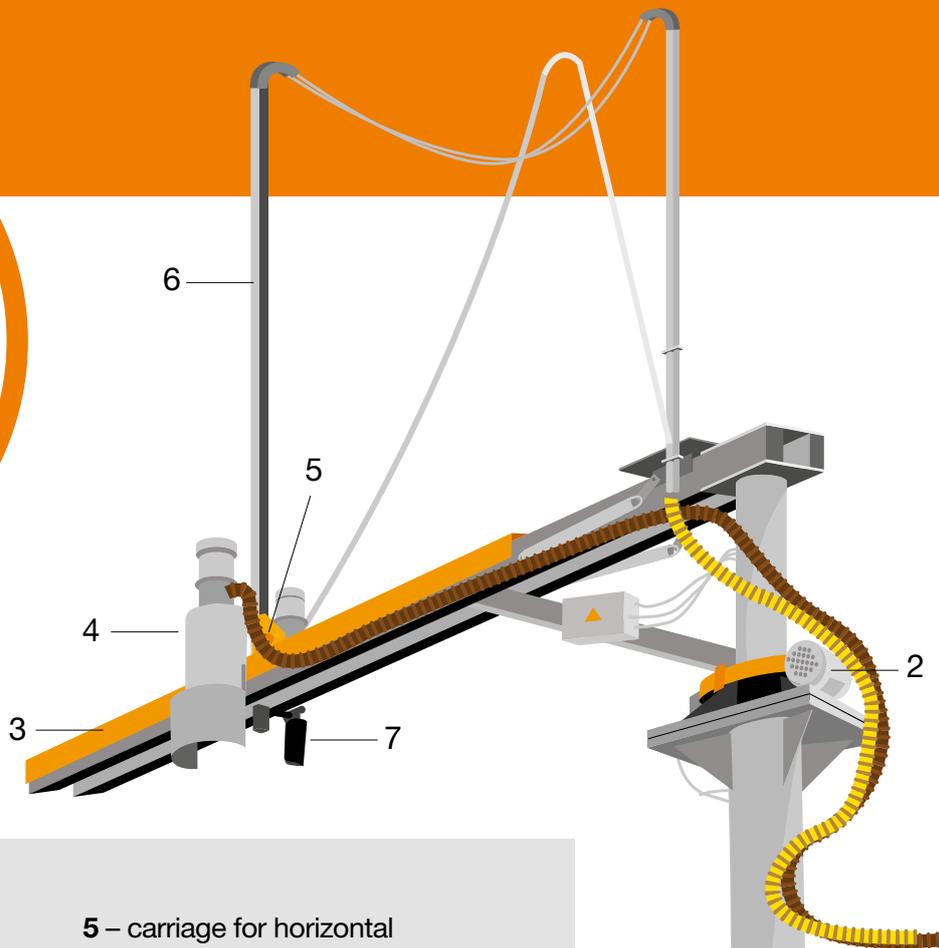
Main advantages of core sampler VV05

- Integrated return transport
- The camera system of the sampler allows you to set and monitor the sampling from the required place.
- Sample divider with an automatically adjustable dividing ratio increase the economical efficiency of sampling by returning the surplus of the sample back to the truck.
- The dividing and returning of the surplus start automatically after the drawing of the sample.
- A sufficiently long vertical probe (4 m) allows you to draw a representative sample from a precisely selected place (cistern opening) and is also suitable for sampling of high layers (fills).
- The arm with wide operation area gives the possibility to take samples from marginal areas of the loading surface.

VV 05 ADVANCED – Automatic sampling

- Model ADVANCED offers a possibility to program any sampling plan with automatic draw at required points..
- **Press the button and it is done!**
Automatic drawing of the sample, dividing and return of the rest into the means of transport and possibly the sample analysis by pressing a single button.

Awarded
GRAND PRIX at
TECHAGRO 2012
 International Trade Fair

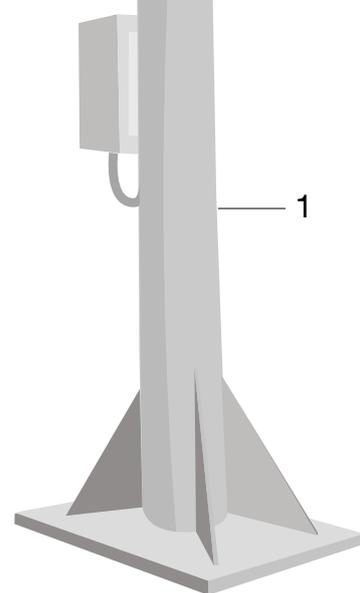


Sampler description

- 1 – post
- 2 – sampler rotation (left - right)
- 3 – rail arm
- 4 – return transport cyclone
- 5 – carriage for horizontal movement and probe drive
- 6 – sampling probe
- 7 – camera

Technical data

End position detection	electrically + mechanically
Total height	8,4 m
Transport weight	1000 kg
Return transport from the laboratory	integrated
Programming	included in ADVANCED version
Power input (max)	2,7 kW
Probe length	4 m
Puncture force	80 až 200 kg
Probe attachment	fixed
Nearest sample point (from the sampler axis)	1,2 m
Farthest sample point (from the sampler axis)	4,75 m
Sampled area at 180°	33,2 m ²
Length of rail arm	5 m



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BioPro
 www.biopro.cz

O.K. SERVIS BioPro, s.r.o. • Bořetická 2668/1, 193 00 Praha 9, Czech Republic
 Tel.: +420 281 091 460 • Fax: +420 281 866 264
 E-mail: info@oks.cz • www.biopro.cz

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