

## Essa<sup>®</sup> VS-Series Vezin Samplers

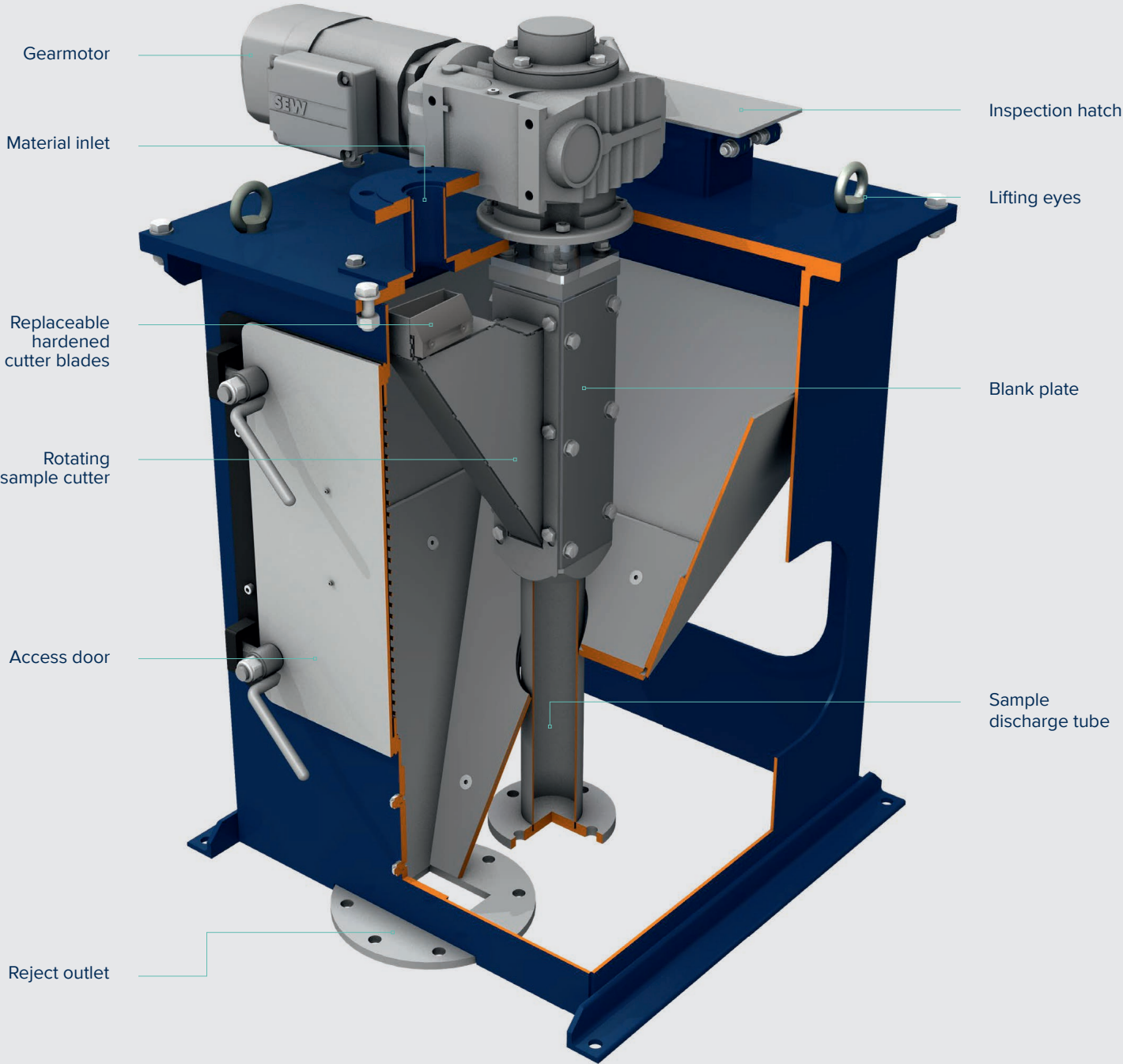
Essa Vezin Samplers produce a truly proportional cross-stream sample for primary, secondary or tertiary sampling applications. They are simple to install and maintain and deliver accurate, high-quality results.

The Essa Vezin Sampler is a highly accurate sampler for falling streams of ore and other free flowing solids. The vezin range is designed in accordance with recognised international sampling protocols to ensure accurate cuts of fixed portions of the falling stream. They are simple to install and maintain, with readily accessible wear liners and cutters.

### Benefits

- Square design simplifies construction, installation and maintenance
- Accurate sampling in accordance with recognised sampling protocols
- Flexible to your needs – easily change size and number of cutters

# Essa® VS-Series Vezin samplers



# Rotary, falling-stream samplers

## Accurate sampling

Our fully-enclosed Essa Vezin Samplers operate using one to four rotating sample cutters that pass at a constant speed through a falling stream of free-flowing ore. The geometry of the cutter ensures the radial cutter edges accurately cut a fixed portion of the stream. The cut portion is diverted for collection, or further sampling, while the remainder passes through for continuous discharge.

## Flexible to your needs

These samplers can be fitted with up to four cutters, selected with appropriate cutter percentages depending on the final sample mass required. The radial cutter assemblies can easily be retrofitted in the field. The vezin units are available in different sizes to suit your material flow and ore particle size

## Accessible but safe

Inspection of, and access to, the cutters and liners is straightforward. Inspection hatches are provided top and side and are fitted with safety mesh allowing operators to safely observe the unit in operation without direct exposure to moving parts. The drive is designed to assure the cutter comes to rest outside the falling stream for easier inspection. The large, side access door allows for simple maintenance and cutter blades to be quickly replaced.

## Reliable operation

The cutter is driven by a fixed-speed, 3-phase electric motor and gearbox combination to ensure maximum operational reliability and availability.



## Specifications

	VS300	VS450	VS600	VS850-65
<b>Nominal pipe size</b>	52.5 mm I.D.	52.5 mm I.D.	52.5 mm I.D.	200 mm x 150 mm
<b>O/A Dimensions (mm) (WxDxH)</b>	456 x 595 x 753	631 x 651 x 1042	785 x 847 x 1174	898 x 991 x 1500
<b>Mass (kg)</b>	90	180	400	556
<b>Motor power</b>	0.25 kw	0.25 kw	0.75 kw	0.75 kw

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