



Essa[®] MPS-Series Moving Pipe Sampler

Essa Moving Pipe Samplers have been designed to achieve consistent, representative and reliable sampling primarily for on-line analysis and metallurgical accounting applications.

Sampling confidence

Totally fully-enclosed, the moving pipe sampler is ideally suited for sampling slurry. It is also suitable for sampling free-flowing granular solids.

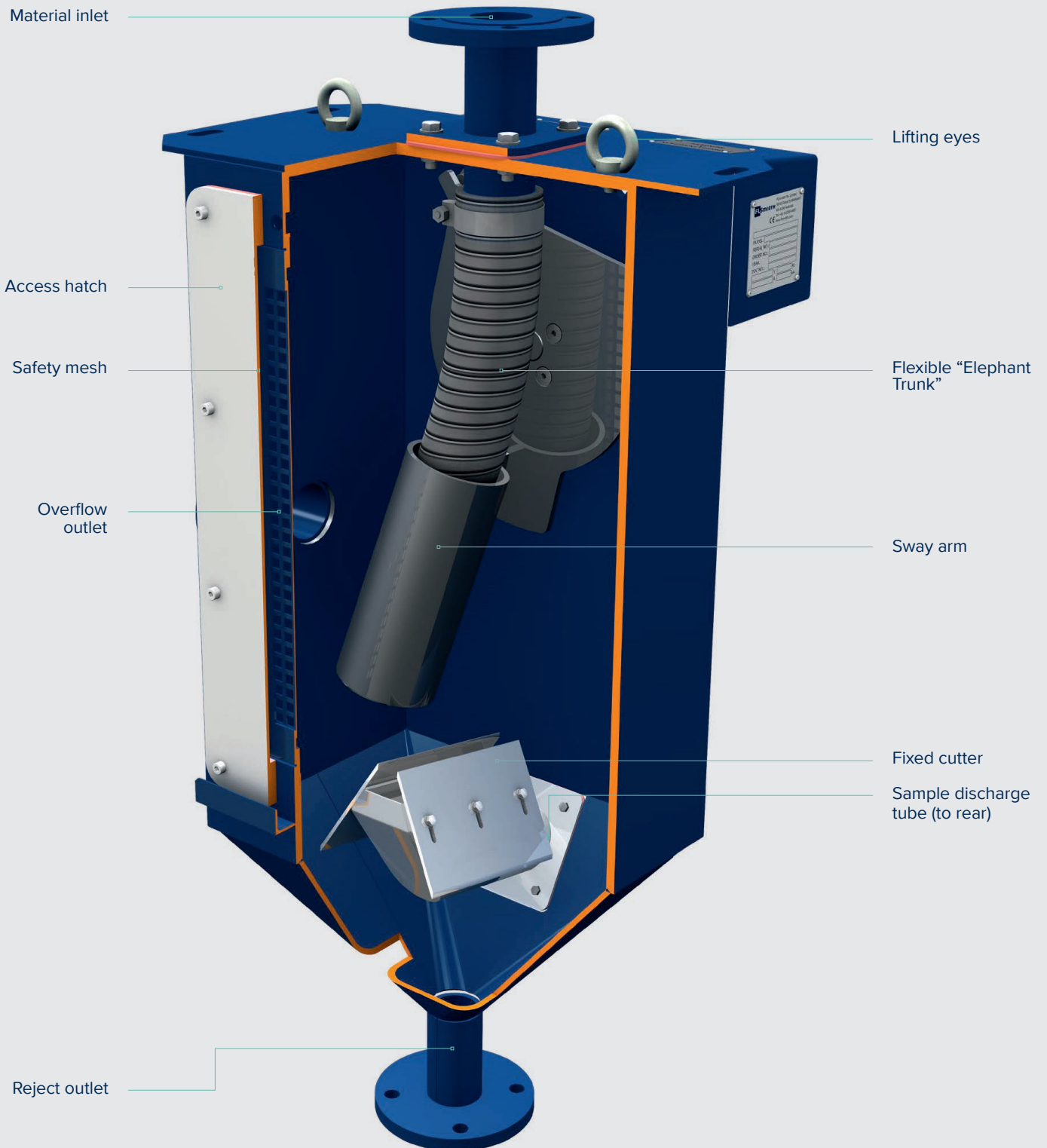
Engineered for smaller diameter pipe work the moving pipe sampler is a self-contained, flange-to-flange sampler, that is easily installed in a gravity flow, non-pressurised pipe system.

The feed falls through the sampler which contains a fixed, geometrically-accurate cutter, and a flexible pipe that moves back and forth across the cutter perpendicular to the aperture to guarantee representative sampling.

Benefits

- Accurate sampling in accordance with recognised sampling protocols
- Easily-configured cutter aperture
- Simplicity of design - minimal moving parts
- Easy accessibility

Essa[®] MPS-Series Moving Pipe Samplers



Trouble-free, falling-stream plant sampler

Innovative cutter blades

The stainless-steel cutter blades can be configured to set the cutter aperture between 5 mm and 45 mm, giving you flexibility to sample a wide range of material

Versatile

Whatever your material type, pipe routing, pump requirements, slurry flow or sampler location, we can provide a moving pipe sampler you can rely on for quick and accurate results.

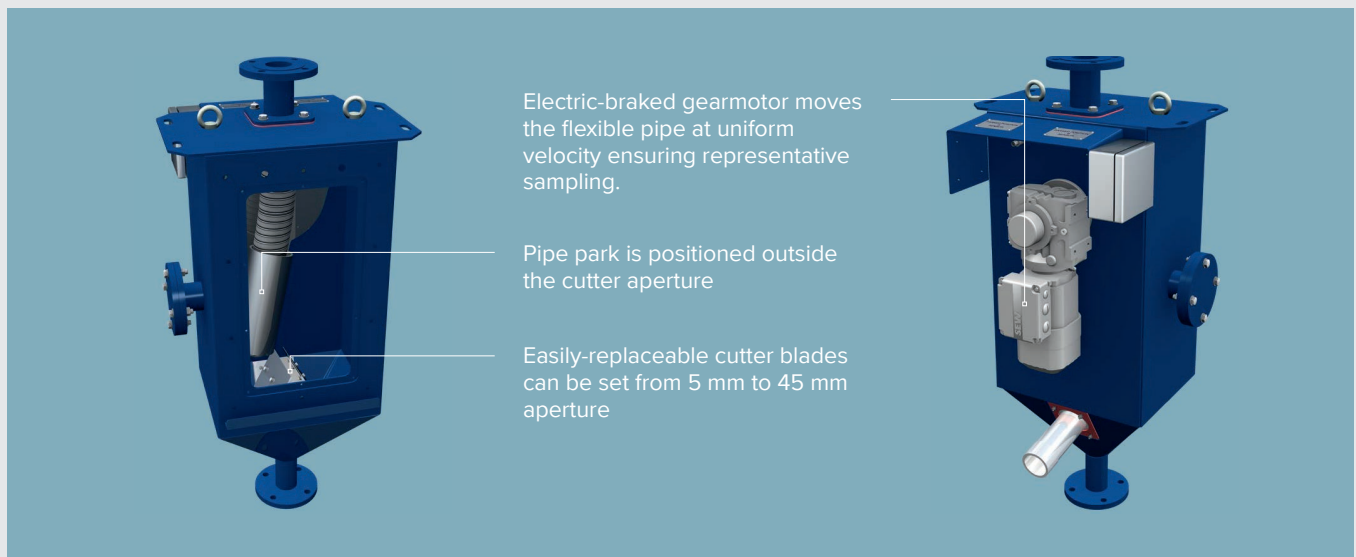
The sampler can be used as a stand-alone primary sampler or as a downstream splitter in a secondary, tertiary or quaternary staged sampling system.

The flanges ensure easy connection to your existing pipework and the cut frequency, moving pipe velocity and cutter aperture can be easily adjusted to suit your sampling requirements.

Straightforward inspection

Inspection of and access to the moving pipe and cutter is uncomplicated. The large side inspection hatch, with safety mesh guarding, allows for simple and safe inspection of the sampler in operation.

This large access opening simplifies routine maintenance, cleaning and cutter blade adjustment/ replacement procedures.



Specifications

	MPS075	MPS090	MPS150
Nominal pipe size	75 mm	90 mm	150 mm
O/A Dimensions (mm) (WxDxH)	580 x 605 x 1280	635 x 640 x 1730	1000 x 890 x 2415
Mass (kg)	130	240	555
Motor power	0.25 kw	0.55 kw	0.75 kw

www.flsmidth.com/spa

Copyright © 2021 FLSmidth A/S.
ALL RIGHTS RESERVED. FLSmidth is a (registered) trademark of FLSmidth A/S. This brochure makes no offers, representations or warranties (express or implied), and information and data contained in this brochure are for general reference only and may change at any time.