



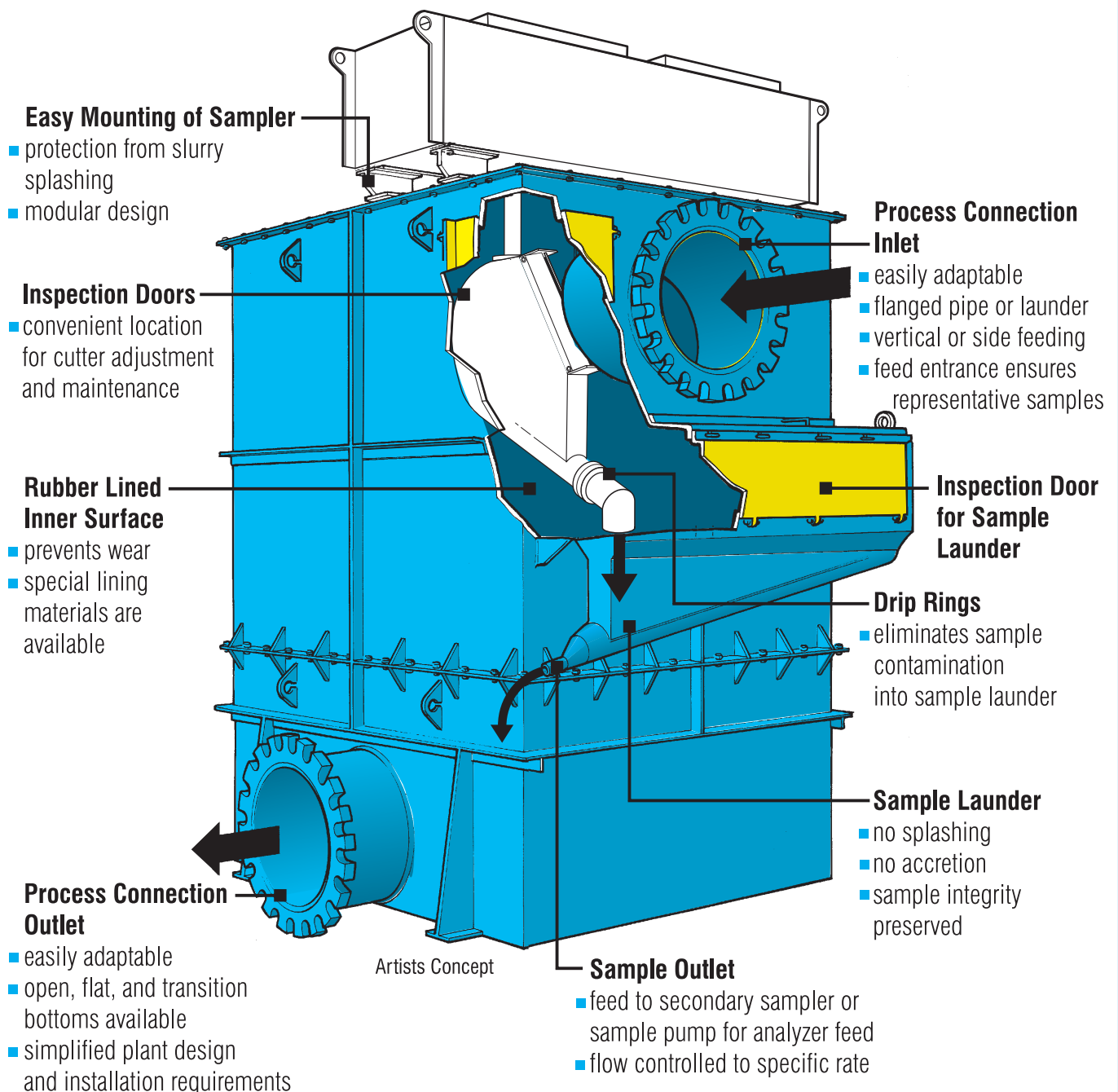
HEATH & SHERWOOD

IceTM

Model 1330- Integrated Cutter Enclosure

The Integrated Cutter Enclosure ensures good sampling by directing all of the slurry flow to the cutter.

Increase profits from your process by accurately sampling flotation feed, final tails and final concentrate streams.



Ten reasons to choose our Integrated Cutter Enclosure (ice™).



- 1** Trust Heath & Sherwood experience in designing properly **engineered** custom enclosures for installing Linear Moving Cutter Samplers, which guarantees correct cutter orientation in relation to the moving slurry stream.
- 2** Customized feed inlets from pipes or launders where **every particle is given equal opportunity, without bias**, to be sampled by the moving cutter, ensuring representative sampling of the process stream.
- 3** **ice™ efficiently engineered** to install into process piping conveniently with a variety of connection styles for mating to conditioning tanks, flotation cell inlets, screens and cyclone inlets/outlets, over pump boxes or other locations.
- 4** **ice™** saves on engineering, procurement and installation costs. Conceptual design and detail engineering can be eliminated by taking advantage of Heath & Sherwood's experience in supplying complete sampling stations.
- 5** **Reliable operation** is assured when Heath & Sherwood's linear samplers are fitted with **ice™**. The complete package provides protection of drive mechanism from slurry splash and minimizes maintenance and repair costs.
- 6** Inspection doors and man-way provided at convenient locations for easy access for cutter cap cleaning or replacement and cutter maintenance.
- 7** The wetted inside areas are lined with molded soft natural rubber. The rubber lining is designed to withstand slurry impact and protect the steel walls and bottoms. For harsh applications special linings are available such as neoprene.
- 8** By adding a Heath & Sherwood secondary sampler and tertiary sampler a complete sampling station can be installed as a module thereby further reducing engineering and installation costs.
- 9** Primary sample increment is collected in a properly sized sample launder which ensures integrity and controls flow rate to the secondary sampler or sample pump. Optional water washing feature is available to clean the cutter and sample launder in between sample intervals. Drip rings and drip return route to discharge are installed on the sample discharge pipe to prevent contamination and further ensure sample integrity in the sample launder
- 10** When selecting a **Heath & Sherwood ice™ linear sampler** station, a risk free installation is assured.

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