



HEATH & SHERWOOD

linear sampler

Model LDLE Light Duty Linear Electric

Economical Sampling of Low to Medium Flows for Metallurgical Accounting

All  Samplers Meet or Exceed Industry's Best Standards

Increase profits from important process streams with accurate sampling. Standard and custom designs available for most pipe sizes and launders.

Typical applications:
final tailings, flotation feed, fine ore conveyor, apron feeding discharge, final product discharge.

Easy to Install

- low profile carriage and frame, adapts easily above pump box or head chute
- optional Integrated Cutter Enclosure (ICE®) for any application

Inspection Door

- easy removal
- full access for inspection and maintenance
- provides protection from dust and moisture

Lifting Points

- for easy installation

Vapor Seal

- minimizes vapor and dust from entering drive area through underside of sampler

Pelican-style Type "D" Spoon

- for wet applications
- locates easily in proper relationship to the stream

Continuous Electric Drive System

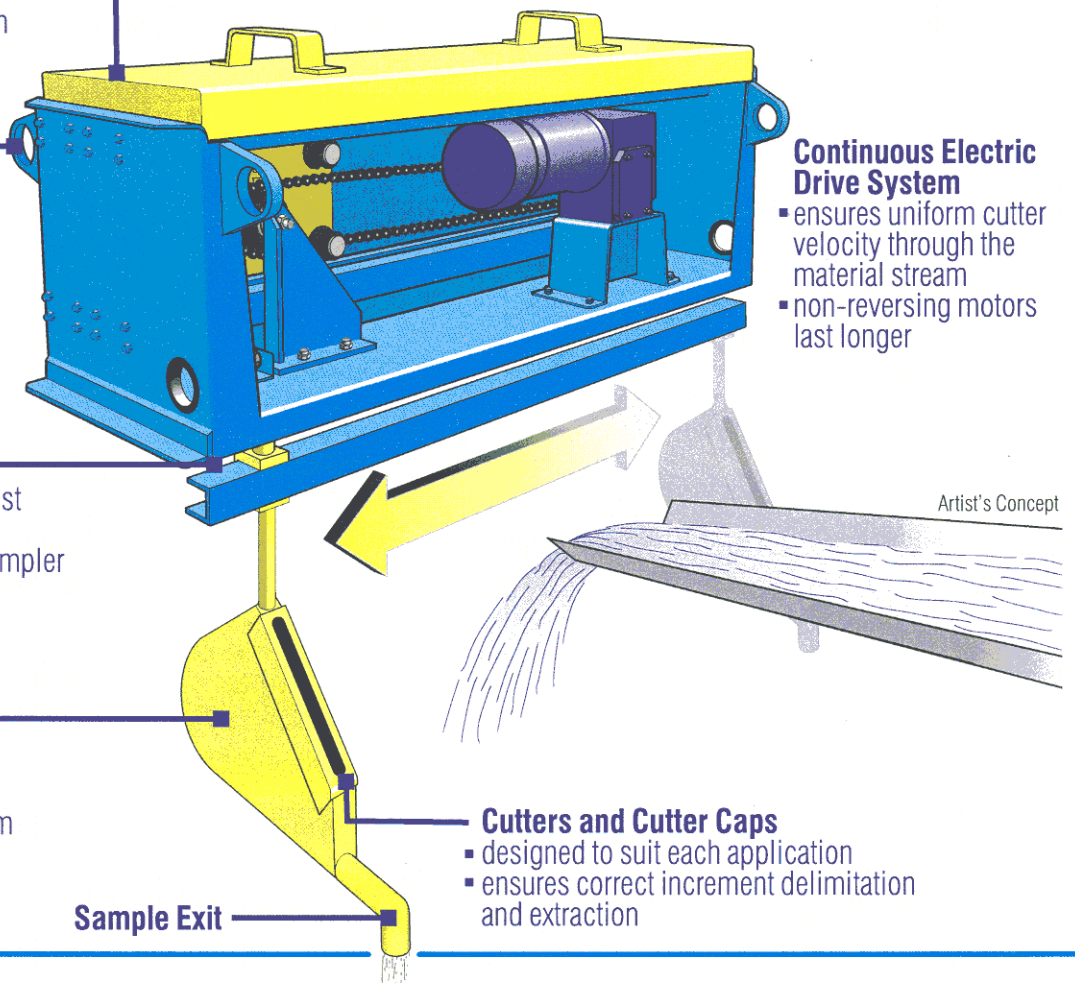
- ensures uniform cutter velocity through the material stream
- non-reversing motors last longer

Cutters and Cutter Caps

- designed to suit each application
- ensures correct increment delimitation and extraction

Sample Exit

Artist's Concept

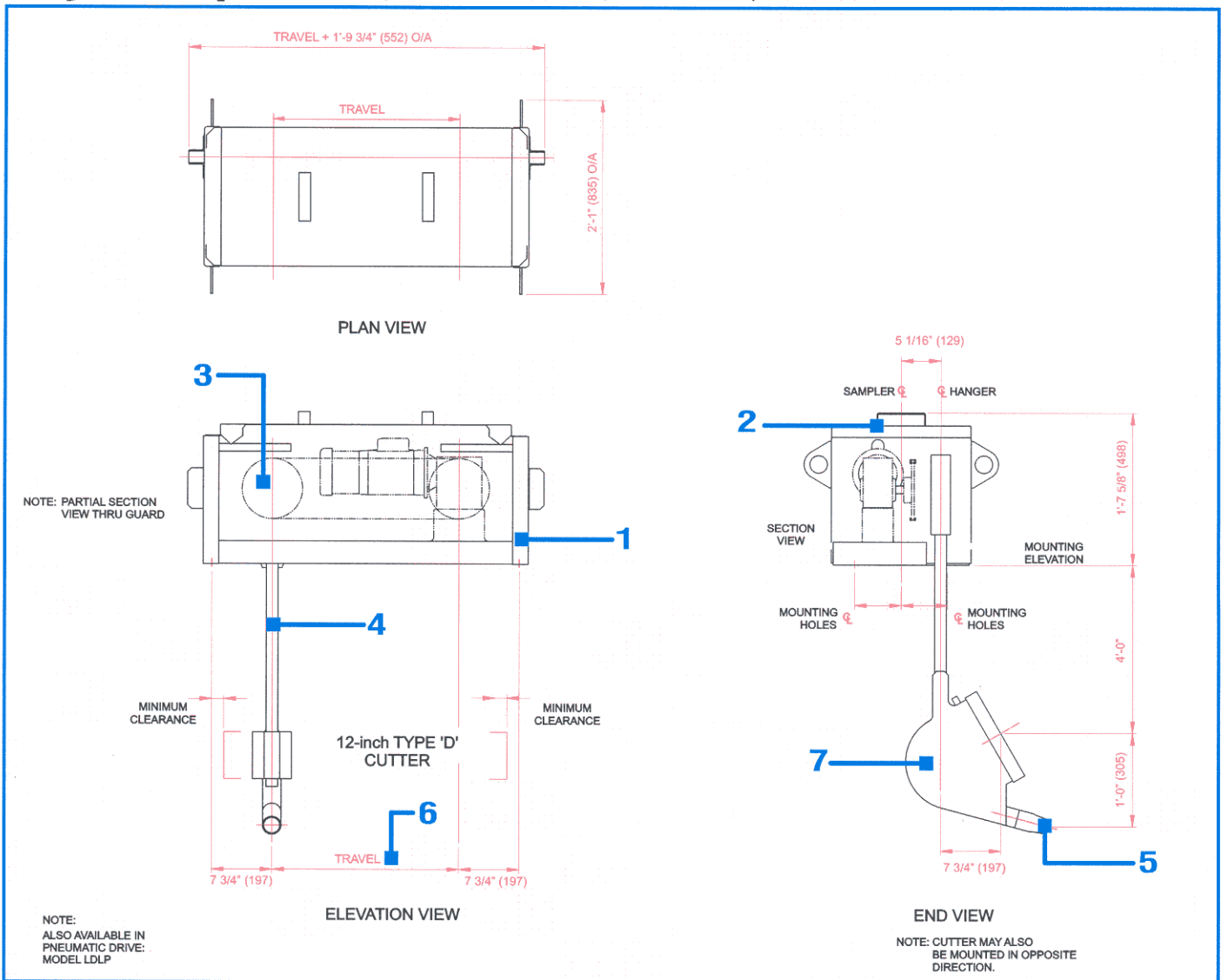


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major components (shown with typical pelican cutter)



1 robust frame, heavy steel plate

2 inspection door and handles

3 carriage assembly

4 cutter hanger length varies by application layout

5 sample discharge length varies by application layout

6 cutter travel 48" (1219.2 mm) with various speeds and intervals to suit the application

7 cutters available:

- standard (slurry)
- continuous spoon
- bottom dumping (solids)

- standard electrical ratings: 575 v / 3 ph / 60 Hz. Other ratings available

- up to 3/4 hp (0.55 kw) motor (standard)

- other linear samplers available:
 - medium to extra heavy duty- Model 1330 (electric) and Model 1350 (pneumatic)
 - extreme duty- Model 1335 Niagara Sampler (electric)

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