

## **Endforming Solutions**

## Designer, Manufacturer and Integrator of Machines and Tooling



Lomar offers a standard line of hydraulic and servo tube endforming machines and roll grooving machines. Standard three hit machines up to six hit models.

If your application requires a custom designed turn-key system, Lomar engineers can design a system to meet your specific application requirements.

Tooling development, prototype and short run production services are also available.



S1283 Endformer (Selectable up to 3- Hits) (Hydraulic or Servo)



S1183 Series Endformer (Selectable up to 6 Hits)



S1203 Servo Roll Groover



S1138 6-Hit High Speed Rotary Endformer





S1209 Servo Endforming System (Up to 4-Hits, including Optional Servo Roll Grooving station)

## **Endforming Solutions**



Bowl Feeders for Couplings, Sockets, Ferrules, Nuts, Blocks



Servo Controlled Roll Groover, integrated or stand alone.



Automated Tube Hopper

## **Tooling Development Services**

- 1. Tooling development engineers will evaluate your endform to determine the manufacturing feasibility using ram endform techniques.
- 2. Design FMEA.
- Ability to eliminate potential leak paths and decrease production costs by designing endform tooling to produce an endform configuration to replace a brazed or machined component.
- 4. Tools designed and built to produce the endform per your print.
- 5. Part progression prints.
- 6. Full set of tool drawingsand set-up information.
- 7. Capability studies.



Lomar Quick Change Punch Holders Patent # 6,932,358B1





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