

## CUSTOMER PURCHASES NEW DRAWBENCH

### *Hydraulic Multi-Draw FENN Drawbench*

#### OBJECTIVES & BACKGROUND

- A repeat customer approached FENN looking for a solution to increase production quantities and drawing capabilities.
- The customer wanted to incorporate modern technologies into their process for more efficiency.
- Their existing drawbenches only had capability to draw a single tube with each production pass.
- Having purchased and worked with FENN machinery previously, the customer decided to add a FENN multi-draw drawbench to their production.

#### FENN'S SOLUTION

- After multiple design reviews with the customer, FENN proposed a multi-draw drawbench capable of four simultaneous draws.
- The rigid frame can draw higher loads without affecting the structure of the drawbench.
- The modern multi-draw drawbench allows the customer to process more tubes per pass and take larger reductions.
- FENN integrated many features to promote efficiency with this system – the four-track bench can be controlled with a single HMI.
- FENN's unique solution includes lifter trays used to automatically support & lower the finished tube to an unloader for ease of part removal.

#### VALUE TO CUSTOMER

- The customer received a new multi-draw FENN drawbench equipped with the latest software and technologies.
- Although control is possible with a single HMI screen, two HMI monitors are available for dual operator production – for increased vantage points.
- Pre-programmed pass schedules enable different, yet simultaneous, track runs.
- The automated bench minimizes operator input and allows drawing of a single bar at variable speeds, which enables flexibility and efficiency within the drawing process.
  - The operator can increase and reduce flow rate, ramp up & ramp down drawing speeds, for complete control over the drawing process.
- When the draw cycle is complete, the gripper is pre-programmed to return to the start position for the next run.

