

## HDH-24 HIGH PRODUCTION PERFORATED TUBE ROLLING SYSTEM



**400+ PARTS PER  
HOUR**

Our High Production 2 roll system exceeded the production and quality goals with following listed features:

- Quick Change Forming mandrels
- N.C. System Operation
- Encoder Positioning
- Rapid Roll Speed & Part Ejector
- High Flow Hydraulic System
- Pressure Transducer-Controlled Forming
- Quick Mandrel Support Retract
- Dual Palm Safety

Weldlogic engineers were challenged to design and build a high production single pass 2 roll system to enable a brand name filter manufacturer a system capable of rolling over 100 variations in diameter, material thicknesses and lengths.

The system was designed to enable shop operators to run at rates of 400+ Parts Per Hour and make quick changeovers in less than 2 minutes.

The filter assemblies needed to be round with a precise material overlap for welding.

### WELDLOGIC, INC.

# HDH-24 HIGH PRODUCTION PERFORATED TUBE ROLLING SYSTEM



## 400+ PARTS PER HOUR

The dual palm initiates the automatic sequences to roll either 1 or 2 filter assemblies to a programmed length and a programmed pressure.

Rapid part ejection is followed by a quick reset to roll another set of tubes. The forming mandrels are quickly removed and replaced with a unique bearing cartridge system when rolling another diameter filter / tube assembly.

Contact us with your specifics to enable our staff to propose a rolling system solution for your specific application.

**See our system videos [www.weldlogic.com/videos/machinegun.html](http://www.weldlogic.com/videos/machinegun.html)**



## **WELDLOGIC, INC.**

Headquarters: Weldlogic, Inc. • 2651 Lavery Court • Newbury Park, CA 91320 • Tel: 805-498-4004 • Fax: 805-498-1761

European Office: Weldlogic Europe • Blackstone Road, Huntingdon, Cambridgeshire, PE29 6EF, UK • Tel. 01480 437478 • Fax. 01480 437479

[www.weldlogic.com](http://www.weldlogic.com)