

# Product Testing & Processing



**Hawkeye Pedershaab**  
Concrete Technologies Worldwide <sup>TM</sup>

- Quality Assurance • Dependable Accuracy
- Reduced Costs • Versatility

# Product Testing & Processing

## Quality through design, technology, and appropriate application.

At our core, HawkeyePedershaab is all about enabling and assisting the customer to consistently produce high-quality concrete products. Post-processing and testing newly manufactured pipes and manholes are critical phases in the production of these high-quality products.

With HawkeyePedershaab's family of testing and processing equipment, these vital production steps are consistently and dependably performed with a minimum of labor, time, and cost.

### System Benefits

**Quality assurance.** Our post-processing and testing equipment, with its speed and precision, ensures each customer's standard of quality is met and surpassed.

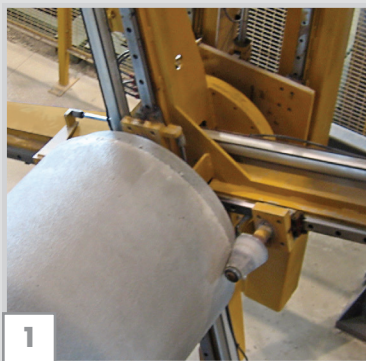
**Dependable consistency.** Repeated, automated systems establish and maintain consistent product quality. Accurate measuring and testing and automatic deburring and product labeling enable products to exceed quality control expectations.

**Reduced costs.** Automatic testing and post-processing eliminates labor costs and reduces the injury risk associated with human handling of concrete products.

**Versatility.** Our systems are capable of being seamlessly incorporated into an automated system, or can be set up as independent testing and processing stations.

### Operation

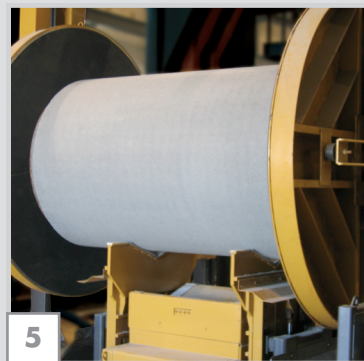
Post-processing and testing equipment is available for concrete pipe, manhole, and box culvert production.



1



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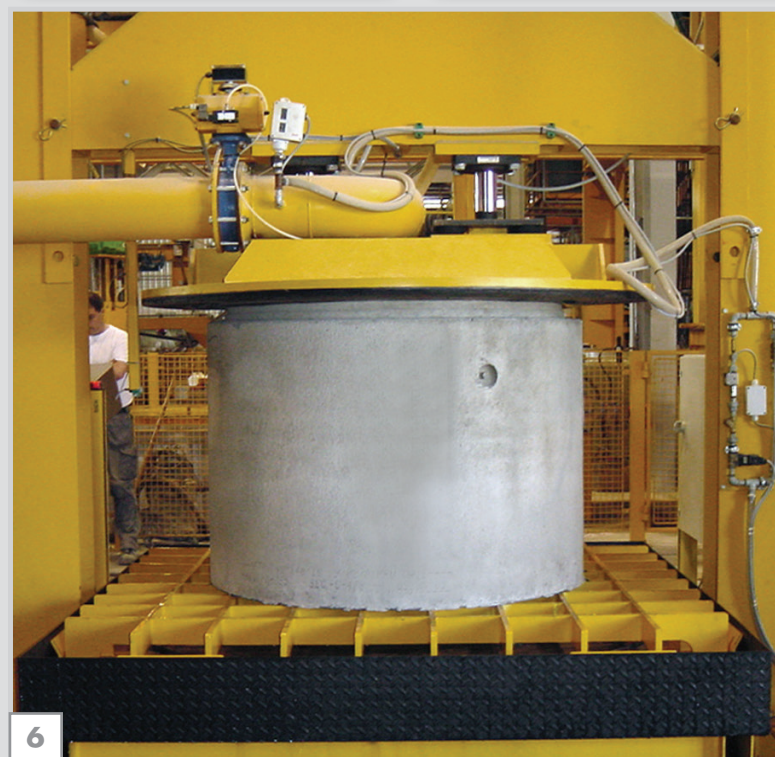
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**1. Deburring devices** automatically remove the fins from the inner and outer joint shoulders of the product's bell and spigot to improve cosmetics and performance. Pneumatic-powered crushing cones automatically adjust to different diameters and configurations, removing manufacturing fins for crisp, clean joint surfaces.

**2. Spigot measuring devices** automatically take multiple readings along the periphery of the product joint, accurate to less than 0.1mm, measuring both diameter and roundness, and stores data for generating quality control and statistical reports.

**3. Product labeling devices** print a wide range of characters so that all products can be marked with a production reference, date, manufacturer's code or log. Print solutions are available for inside and/or outside labeling.

**4. D-Load test machines** accurately and conveniently test round, elliptical, and arch concrete pipe in accordance with the specified ASTM External Load Crushing Strength Test. The testers include an easy-load system and digital controls and readouts for accurate testing and reporting.

**5. Vacuum test devices** permit products to be automatically tested online or in a separate offline operation. Test devices are complete with bulkheads, a powerful rotary screw vacuum pump and reservoir tank to permit cycle times of one minute or less.

**6. Hydrostatic test devices** make easy work of hydrostatically testing products. Products can be automatically tested online or in a separate offline operation. System includes water storage tanks and attachments for testing with deflected joints.



At HawkeyePedershaab we deliver more than machines.

*We deliver solutions.*





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