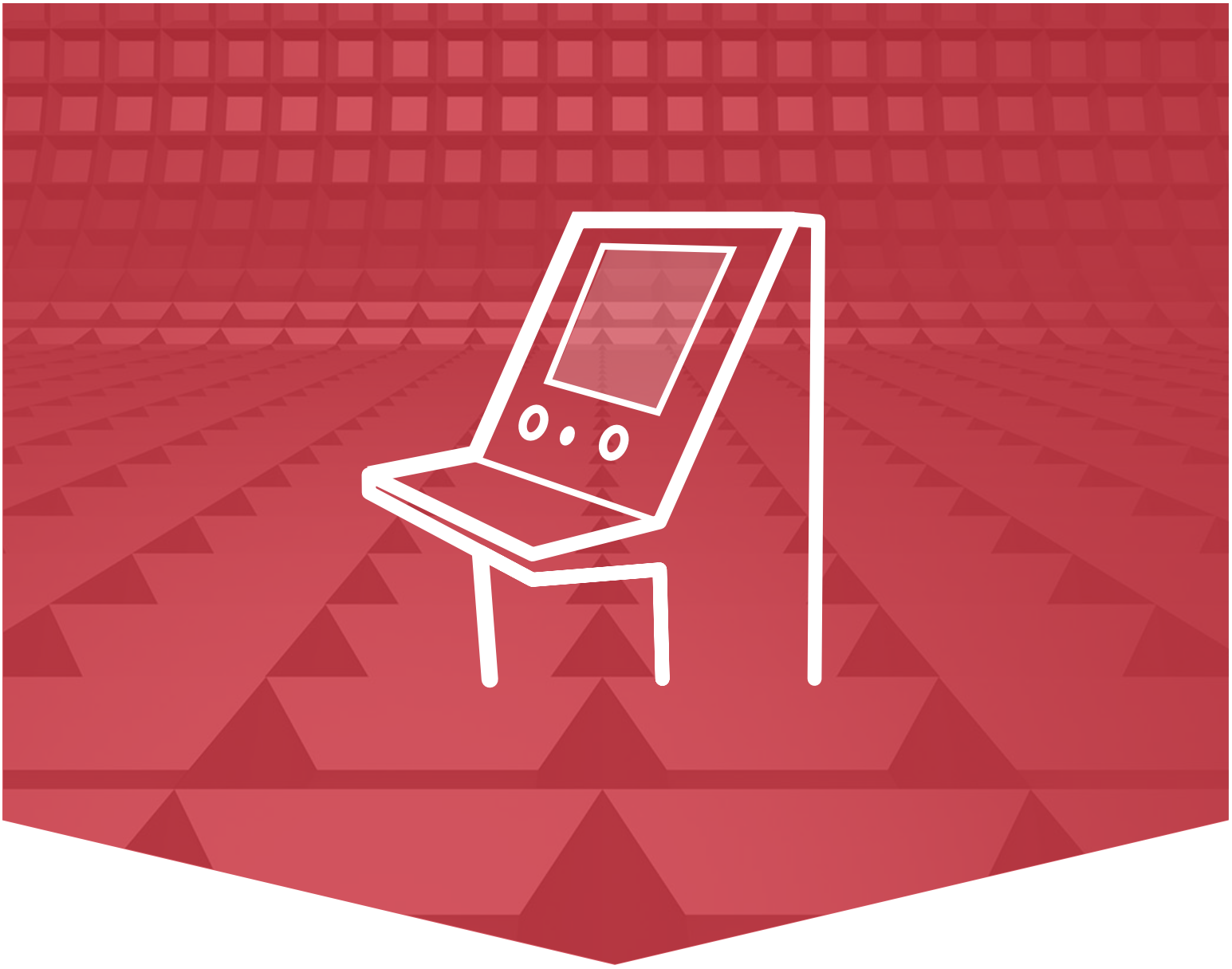


Opto-Shear Console

Easy, smart, automatic.
Drive your shearline.

aSa® | Design. Fabricate. Build.

About the **aSa Opto-Shear**

aSa's Opto-Shear Console is the ultimate interface between your shearline, your shop crew, and aSa Processing software. The Opto-Shear not only automates all shearline processes with minimal operator input, it manages and paces the entire shop operation, resulting in fewer errors, less scrap, and more overall efficiency from shop employees. aSa's controller interfaces with nearly any shearline as an original or replacement console.

Helping you **work smarter**

Flexible Fabrication

- Multiple cutting screens help you with any type of work, from pre-optimized production runs to quick walk-in orders.

Automatic Screen

- Uses optimized shearing instructions generated by aSa Processing.
- Automatic gauging, runout, and discharge.
- Prompts the shearman and crew at every step of the process, from shaking out stock to removing completed bundles.

Flex Screen

- Load and manipulate tag data in an easy-to-use grid.
- Three Flex modes put you in control: optimize on the fly; manipulate data yourself; or simply select the next item to fabricate.

One Cut and Quick Cut Screens

- Great for walk-ins and special work.
- Quickly fabricate an item or two then return to Automatic or Flex right where you left off.

- Load items into the console's memory any way you like:
  - files automatically copy from your network or portable media.
  - scan barcoded bundle tags.
  - enter data on the controller's touch-screen.

Innovative design

- Heavyweight industrial grade steel gasketed and sealed to withstand adverse shop conditions and weather elements.
- Built-in networked PC: modifications to functionality involve software updates, not changes to complex wiring or integrated circuit boards.
- Addtional features: Large glove-friendly touch screen, removeable work shelf for your paperwork, and solid state modules (OPTOs) to optically isolate internal components from electric hazards.

Keeping your crew safe

- Large automatic "Stop" button cuts all power to the shearline.
- Dual Shear buttons must be pressed simultaneously to activate the blade. Blade only activates during "shear" phase of the cutting cycle.
- Interfaces with optional safety accessories, including light curtain and pressure-sensitive work mat.

Experience
these key benefits

Reduce cutting errors

Information loaded from computer-generated instructions or scanned from barcoded tags eliminates the potential for erroneous entry by the operator.

Maximize shearline potential

Older, manual shearlines reach new levels of productivity when automated with the aSa console. Breath new life into your old line.

Improve production rates

Easy-to-follow instructions pace the entire shearing operation, regardless of crew experience. Console provides shake-out requirements, tagging, pocket blocking, and crane call messages ... all timed for maximum productivity.

Load tag info instantly

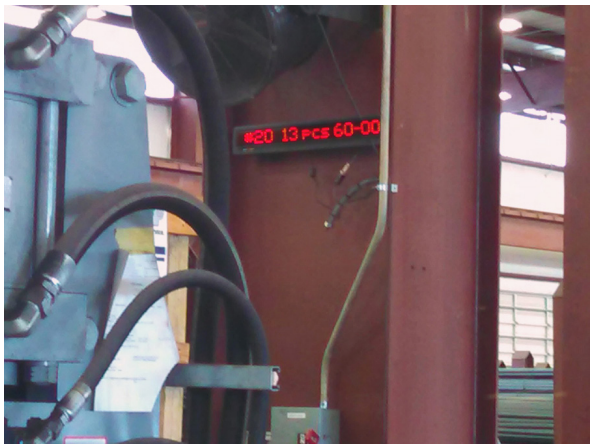
Connected hand-scanner loads tag information into the console's memory by reading linear or 2D barcodes printed on production bundle tags.

Optimize on the fly

Automatically calculate cutting combinations right at the shearline; eliminates the need to plan entire production runs in advance.

Easily handle walk-in work

Computer shearing can be interrupted at any time to accommodate unexpected orders. The console remembers the last item cut; when the walk-in items are finished, simply return to computer shearing.



The console is built to rigid specifications to provide your shop with years of reliable service. aSa's console does more than control the shearline. It provides a thorough production plan for the entire shop crew. For example, a message board connected to the console tells the shake-out person what stock is required next.

aSa.Studio

cloud software suite

About aSa

aSa is a world-leading provider of software for reinforcing steel, construction, and precast industries. We have been developing innovative solutions and providing personal service to our customers since our very first product was developed in 1969.

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