



# CONSUMER PRODUCTS

## OUR LEAN PROCESS ENSURES YOUR ABILITY TO MEET THE NEEDS OF YOUR MOST DEMANDING CUSTOMERS



SSOE has helped leading consumer brands meet the demands of the world's largest retailers. We understand that the consumer is not your only customer, but the retailers who can often dictate production, packaging, and logistical requirements. This understanding helps us design facilities and process / packaging lines that are responsive to changing demands.

Taking our cue from the manufacturing industry, SSOE has adopted Lean principles to drive efficiency gains in our own process—gains that have long been absent from the construction industry as a whole. Your experience with SSOE will be extremely collaborative, leaning heavily on the most advanced technology to drive a better, more efficient process including our use of Virtual Design and Construction.

### TOP 10 DESIGN FIRMS

A Top 10 Manufacturing Design Firm (*ENR*)



### FLEXIBILITY INTO PRODUCTION

We are adept at building flexibility into production lines to ensure quick and inexpensive formulation, packaging, or product changes

### \$850M COST SAVINGS

We've documented more than \$850 million in cost savings for our industrial clients





## PROJECT TYPES

### Personal Care

- Body soaps
- Hair coloring
- Shampoo
- Cosmetics
- Lotions
- Shave gels and cream
- Deodorant
- Mouthwash
- Toothpaste

### Paper

- Adult diapers
- Dryer sheets
- Paper towels
- Baby diapers
- Facial tissue
- Toilet tissue
- Disposable dusting clothes
- Feminine care
- Training pants

### Soaps

- Dish soap
- Laundry detergent
- Fabric freshener
- Fabric softener



## TECHNICAL SPECIALTIES

### Process

- Automation and controls
- Blending
- Bulk storage unloading / conveying
- cGMP process and facility design
- CIP systems
- Laboratory design
- Mixing
- Pumps / Valves
- Raw material / Finished product storage
- Safety studies
- Sanitary design
- System integration
- Ventilation

### Packaging

- Case / Tray packing
- Case and package conveying
- Depalletizing and palletizing
- Filling / capping
- Labeling
- Line control / Material flow
- Line optimization
- Machine design / customization
- Material handling
- Performance / Productivity enhancement
- Rotary in-case filling
- Shrink wrap equipment
- Stretch wrapping

### Facilities

- Architectural design
- Code review
- Fire protection
- Master planning
- Plant power and utilities design
- Site selection / evaluation
- Space planning and interior design
- Tax exemption and abatement
- Traffic studies and analysis