





# Surfaces matter.



Blasting



**Parts Washing** 



**Chemical Treatment** 



**Plating** 









## **Surface Treatment**



#### **Blasting and Deburring**

Blasting and abrasive deburring are often necessary to provide an appropriate surface profile for a finishing process. In addition, they can also be used as effective cleaning techniques. ICAFe offers offline batch blasting and deburring equipment as well as the ability to integrate it into your process.



#### **Parts Washing**

ICAFe works with some of the best names in the industry in industrial parts washing. From cabinet washers and ultrasonic immersion diptanks to completely automated conveyorized multi-stage wash units, we are able to offer a cleaning solution that will work with your process.



#### **Chemical Treatment**

The cleaning, degreasing, and preparation of parts involves an abundance of chemicals that can greatly impact the economics of a process if it is not run efficiently. ICAFe offers solutions to filter, treat, and recycle wash water and various chemistries in order minimize material consumption, environmental impact, and disposal costs.



#### **Plating**

ICAFe is a leading provider of plating and aqueous systems and integration services. We deliver systems and services that are custom engineered to meet specific process requirements. Our capabilities allow for the design, engineering, and integration of robust systems that can meet and exceed the needs of virtually any application.









Wash water recovery systems offer chemical reclamation, solids separation, and oil coalescing all in a closed-loop process. The closed-loop system is ideal for phosphate cleaning and degreasing applications.









**Cabinet Washers** 



**Immersion Washers** 



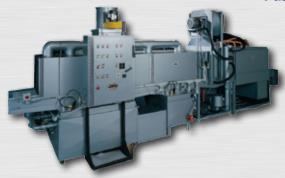
**Multi-Console Stations** 



**Automation Systems** 



**Pass-thru Washers** 



Manual In-line Wash





**Automatic Batch In-line Wash** 









**In-line Continuous Wash and Pretreatment** 





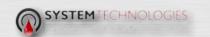














The role of distribution, systems engineering, and integration continues to evolve. ICAFe, Dove Equipment and Seneca Fluid Technologies are uniquely structured to not only provide equipment, but we are prepared to provide the necessary engineering and support that our OEM partners require.



## >> Surface Treatment



- Abrasive Blasting
- Vibratory Deburring
- Dry-Ice Blasting
- Automation
- Aqueous Degreasers
- Ultrasonic
- Cabinet Washers
- Dip Agitation

## >> Liquid Paint



- Manual Spray
- Automatic Spray
- Bells
- Electrostatic
- Fluid Handling
- Electronic Fluid Proportioning
- Robotics

### >> Powder Coating



- Manual
- Automatic
- Batch
- Continuous
- Material Recycle
- Quick Color Change
- Cartridge Booths
- **Environmental Rooms**

## >> Ovens and Heat Processing



- Conventional
- Batch Process
- Continuous Flow
- Burn-off
- Heat Cleaning
- Infrared

#### >> Sealants, Adhesives & Lubrication



- Hot melt
- Single -or Multi-Component
- Metering Systems
- Continuous Flow
- Mix and Dispense Systems
- Material Transfer

## >> Plating



- Filtration Systems
- Pumps & Parts
- Heat Exchangers
- Tanks & Liners
- Air Handling & Scrubbing
- Barrels & Spin Driers
- Waste Treatment
- Anode