

R-CAP Process Equipment, Inc.

Equipment Solutions for Wet & Dry Processing





R-CAP Background

Founded in 1990 in Barrington, IL

- Started as a representative for stainless steel tank & kettle manufacturers
- Strong growth & reputation led to partnering with numerous recognized equipment vendors
- Several strong partnerships with key principals lasting for decades thanks to excellent performance & end user satisfaction

Primary Markets Served:

- Food, Beverage, Dairy, Pharmaceutical, Cosmetic, & Chemical

Extensive Territory Presence:

- Illinois, Indiana, Michigan, Wisconsin, & Beyond

R-CAP Expertise:

- Processing Equipment & Custom Engineered solutions for wet & dry processing

R-CAP Core Representation





The Batch Mixing Experts

- Industry Leader in Stainless Steel Mixing, Blending, & Particle Size Reduction Technologies

- **Rotosolver: High Shear Mixer**



- Designed for high intensity, optimum shear
- 100% dissolving, hydrating or suspension
- All stainless mix head, shaft, drive & motor available
- CIP Mix head, meeting 3-A standards
- Lab benchtop & small batch options available

- **Rotomaxx: Low Shear Agitation**



- Low speed right angle mixer for high flow rate & torque up to 10,000 CPS for large volume mix & holding tanks
- Small footprint & headroom requirement
- 3-A compliant pedestals available
- Only all stainless steel, low speed, large capacity agitator on market

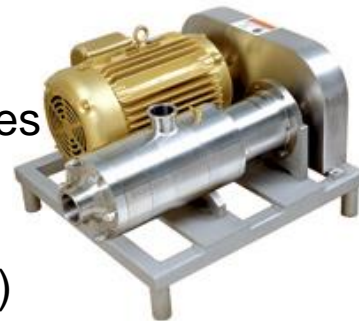
- **Fastfeed: Powder Induction & Dispersion**

- Consistently delivering perfect product feed rates across any batch size
- Cut batch times in half
- Improve operator safety & ergonomics
- Reduce energy consumption up to 70%
- Eliminate dusting and reduce air entrainment
- Complete 100% dispersions of powders is guaranteed



- **Boston Shearmill: High Intensity Wet Mill**

- Provides very high throughputs at high to extreme shear rates
- Produces superior particle size reduction, often in a single pass at high production rates
- Designed to run 24/7
- Ideal for wet milling applications such as sauces, dressings & mayonnaise (MayoMill)
- 3-A compliant



Ampco Pumps Company

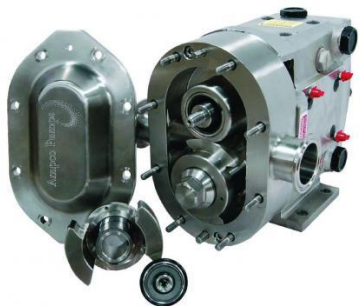
- Global leader in sanitary Centrifugal & Positive Displacement Pumps designed for products in:
 - Food, Beverage, Dairy, Pharmaceutical, Cosmetic, Brewing, & Wine

Best In Class, Premier Positive Displacement Pumps

- ZP3 Series Model (3-A) is patented for full CIP-ability without loss of efficiency
- Capacity Range: 0.1 – 310 gpm
- Pressure Range: Up to 500 PSI
- Temperature Range: - 40 to + 300 degrees F
- Viscosity Range: 1 to 1,000,000 CPS
- Lower cost economic AL Series (3-A) available
- QTS Series, twin screw pump available

Reliable & Durable Centrifugal Pumps

- AC/AC+ Series (3-A) is made from 316 Stainless Steel
- Easy assemble & maintain
- Max Discharge Pressure: 60 PSI
- Max Flow Rate: 920 gpm
- Max Viscosity: 1200 CPS
- Seal Specifications: 4 seal options



Why R-CAP represents Ampco Pumps:

- High quality, easy to operate pumps
- Replacement parts immediately available for delivery
- Short lead times & competitively priced





Feldmeier Equipment

- High quality, customized stainless steel fabrication to meet any customer's needs
 - Tanks
 - Vessels
 - Agitation systems
- FDA/Pharmaceutical approved applications in stainless steel and various other materials
- Designed & constructed to ASME standards for pressure vessels
- Factory fabricated up to 75,000 gallons
- In-field erected capabilities
- Quick ship single shell tanks available



SÜDMÖ & KEYSTONE SANITARY VALVES & COMPONENTS

- **Spare Parts** – Readily available
- **Safety** – clear process protection
- **Robust Bodies** – long-life and seal protection
- **Seal Technology** – allows for expansion and prolonged seal life
- **Control Top Technology** – most intelligent, user friendly design
- **Pressure Rating** – standard 10 bar or 145 psi using 90 psi supply
- **Lowest OPEX/CAPEX** – lower maintenance costs/longer maintenance intervals



365it
PMO
Mix Proof
Valves



Single Seat
& Double
Seat
Valves



Speciality
Valves



Butterfly
Valves



Arc & Ball
Valves



Control
Technology



Valve
Manifolds

HAFFMANS – Beer/Soft Drink CO₂ & O₂ Quality Control Systems



Portable CO₂ / O₂
measurement



In-line CO₂ / O₂
Measurement



Carbo Controller

piab Innovative Vacuum Solutions

- Complete line of vacuum pumps, conveyors, & accessories for dry material conveying
- Applicable to sanitary food, 3-A, & pharma applications
- Excellent for bulk powders, granular items, & tablets
- Great for solving ergonomic issues to eliminate lifting
- Small footprint, dust free conveying, & low maintenance
- Pneumatically operated, no electricity required



Heating & Cooling Transfer Systems



Heating:

- Self-contained, portable, electric or steam heated systems
 - Designed to temper a circulating liquid through automatic regulation of the process temperature to achieve preset setpoint
- Water or Hot Oil units available
- Quick ship units available

Cooling:

- Cooling towers & chillers
 - Portable models up to 40 tons
- Outdoor models available up to 600 tons
- Water pump tanks available



Our Services

- R-CAP is regionally located & immediately available for on-site project scoping
- Dedicated start to finish assistance
- Fast turnarounds for quotes
- Custom design, turnkey systems
- Direct communication with our vendor(s) to find customers the best possible equipment solution
 - Focused on cutting production costs
 - Enhancing productivity & efficiency
 - Satisfying customer needs



Additional Representation

