

# BELCO

Leading Manufacturer of  
Fiberglass Process Systems,  
FRP Pipe, Duct, Dampers, Tanks,  
Odor & Filtration Vessels,  
Stacks, Towers,  
Metering Manholes,  
and Ershigs Stoplevel-G2™  
Abrasion-Resistant Pipe



**BELCO** Manufacturing Company is one of the largest FRP manufacturers supplying hundreds of vessels ranging from 12-inches to 24-foot diameter, and miles of duct and pipe systems per year to the U.S. Municipal and Industrial Markets.

**BELCO** offers dependable, high-quality, integrated, corrosion-resistant solutions for the chemical processing, pulp and paper, water and wastewater, metal and mining, electronics, power generating, and oil and gas production industries.

**THE BELCO ADVANTAGE:**

- Highest quality products meet stringent QC requirements
- Treat each employee with dignity = employee retention = higher quality
- Use only premium, qualified raw materials
- In-house engineering (PE) and CAD design
- Professional, experienced sales and estimating departments
- Dedicated, national sales representative organization
- Company-owned delivery fleet and custom-designed trailers
- ASME RTP-1 accredited vessels
- ASTM 2992 tested pipe and duct
- AMCA licensed dampers

# WELCOME TO BELCO MANUFACTURING, INCORPORATED

*"We have been custom manufacturing FRP products for more than 25 years and the customer always comes first at **BELCO.**"*

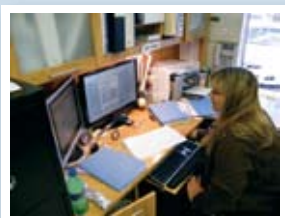
—STEVE MACY  
PRESIDENT



SALES



PROJECT MANAGEMENT



ENGINEERING & CAD DESIGN



FABRICATION



SHIPPING



## **BELCO HAS BEEN DELIVERING QUALITY PRODUCTS AND CUSTOMER SATISFACTION FOR MORE THAN 25 YEARS**

ASME RTP-1 accredited, Belco Manufacturing, Inc., has been a custom manufacturer of corrosion-resistant, fiberglass reinforced products including tanks, vessels, pipe, duct, scrubbers, towers, and metering manholes — primarily for industrial, municipal, chemical, water and wastewater, and power applications — since 1980. Belco capabilities include in-house structural and mechanical engineering as well as CAD design for custom fabrications.

## **HIGHLY MOTIVATED AND DEDICATED BELCO EMPLOYEES ENSURE CONSISTENT, HIGH-QUALITY PRODUCTS**

The Belco team is a highly motivated group of professionals providing dependable, cost effective, integrated solutions for municipalities, chemical processing, pulp and paper, water/wastewater, metal and mining, electronics, power generating, and oil & natural gas production industries. Our core belief is that commitment is a two-way street, and that commitment to our employees helps to ensure quality products and services to our customers. Belco provides each employee with full benefits and maintains rigorous Safety and Hazardous Materials Handling programs.

## **BELCO HAS BEEN A DENALI INCORPORATED COMPANY SINCE 1999**

Denali is the world's largest supplier of custom engineered, corrosion-resistant fiberglass reinforced composite, corrosion-resistant fluid and fume handling products. Denali has facilities throughout the United States and Canada; manufacturing a variety of corrosion-resistant composite products including above and below ground — both factory built and field wound — FRP tanks and vessels, stacks, towers, hoods, scrubbers, piping systems (including abrasion resistant), duct, dampers, metering manholes and oil/water separators. Denali also makes dual-laminate vessels, pipe, and duct systems.

## BELCO DUCT & PIPE

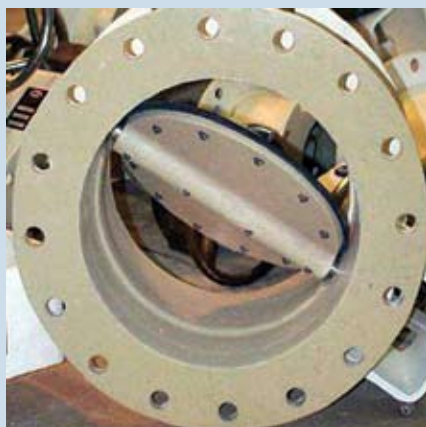


**BELCO** delivers via contract carrier or **BELCO's** fleet of trucks and specially-designed trailers.

Belco designs and manufactures custom, pre-fabricated FRP duct and pipe and Ershigs Stoptline-G2™ abrasion-resistant piping systems to minimize field fabrication and installation costs.

- 2 inch to 12 foot diameter, round or rectangular
- Abrasion resistant piping for FGD power market applications
- Hand lay-up or helically wound up to 250 psig pressure or Full vacuum
- Multiple resins to handle a variety of corrosive environments
- Fire retardant resins to achieve Class 1 flame spread
- Design engineering, calculations, CAD design
- Completed ASTM D2992 testing to achieve ASTM D2996 and D2310 HDB Category U rating of 12,500 PSI

## BELCO CONTROL DAMPERS & BACKDRAFT DAMPERS



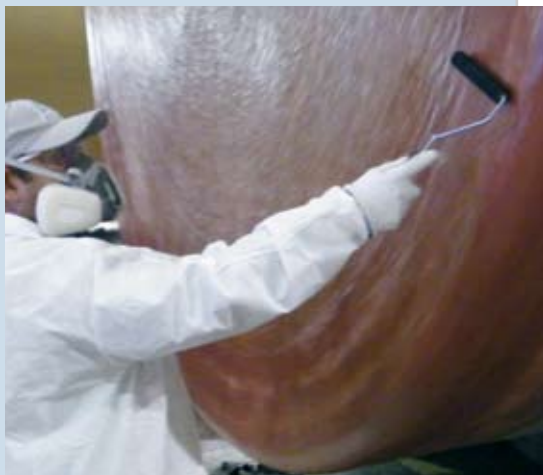
### **DUCT & DAMPER APPLICATIONS:**

- **Municipal Odor-Control Systems**
- **Emergency Chlorine Scrubber Influent Duct Systems**
- **Air-handling Systems**
- **Fume Scrubbers/Strippers**

Used to regulate air flow or shut off and isolate a system, Belco certified fiberglass dampers are corrosion resistant and designed to match operating conditions of the duct system. Premium vinyl-ester resins are used throughout the damper. Fire retardant resins are also available for a Class 1 flame spread.

- Available in 4 inch thru 120 inch standard sizes, round or rectangular
- Dampers with or without actuators
- Licensed to bear AMCA seal. (Models 203 and 204)
- Models available for balancing or isolation
- Available with:
  - Standard locking-quadrant hand lever with 316SS bracket and handle
  - Worm-gear actuators with or without chain wheel drive
  - Electric or pneumatic actuators
  - 316SS or vinyl-ester shaft

# BELCO TANKS & PROCESS VESSELS



- *Helically-wound, chop-hoop and hand lay-up construction*
- *Vertical, horizontal, flat-bottom, dish-bottom, and cone-bottom configurations*
- *Polyester, vinyl ester, fire-retardant and specialty resins with MEKP or BPO/DMA cure systems*



ASME Qualified Fabricators and  
Secondary Bonders

*BELCO is ASME RTP-1 Accredited and qualified to meet the industry's most stringent quality standard for storage tanks and vessels*

Belco manufactures tanks and process vessels to meet virtually any storage requirement. FRP tanks and vessels are lightweight, corrosion resistant and essentially maintenance free.

- Accredited to carry ASME RTP-1 label
- Highly resistant to a variety of chemicals, corrosive environments, and ultraviolet light
- Provide excellent thermal insulation with low heat loss when insulated
- Manufactured to national standards including ASME RTP-1, ASTM D3299, D4097, SPI Quality Assurance Report, ANSI/AWWA D120, and more, as applicable
- Wide assortment of fittings, configurations and accessories available
- Tank design features include:
  - Full in-house CAD design and engineering capabilities for custom design
  - Available with FDA approved or NSF-61 certified liners
  - Available with abrasion-resistant liners
  - Insulation and heating systems

## **ODOR CONTROL & FILTRATION VESSELS:**

Odor-control system suppliers choose Belco as a leading source of scrubber vessels, carbon adsorbers, and biofiltration vessels for odor control market applications. Available in 12- inch to 24- foot diameters for wet or dry systems.

## **BELCO STACKS, TOWERS & HOODS**

Belco stacks and tower package systems offer chemical resistance and are lightweight for easy handling and installation. They are weather resistant and easy to maintain with a long-lasting gel-coat exterior and UV protection.

## **BELCO IS A TOTAL SYSTEM SUPPLIER:**

Pipe, Stacks, Towers, Hoods, Odor and Air Filtration Vessels, Tanks, Duct and Dampers.

# BELCO AFFILIATIONS & ACCREDITATIONS

**BELCO** Affiliations include: ASME, ASTM, ACMA, NACE, SPI, and AMCA

**BELCO** Accreditations Include: ASME RTP-1, AMCA, ASTM D2996/2310 (Product has been tested and qualified to ASTM D2992 Standards), and Quality-Assurance Program



## CERTIFICATE OF AUTHORIZATION\*

This is to accredit the named company as authorized to use the RTP symbol of the American Society of mechanical Engineers (ASME) for the scope shown below in accordance with the applicable rules of the ASME RTP-1 Standard on Reinforced Thermoset Plastic Corrosion Resistant Equipment. The use of the symbol and the authority granted by this certificate of authorization are subject to the provisions of the agreement set forth in the application. Any equipment marked with this symbol shall have been produced, assembled, and tested in accordance with the provisions of the aforementioned ASME Standard.

COMPANY:

**Belco Manufacturing Company**  
2303 Taylors Valley Road  
Belton, Texas 76513

SCOPE:

**Manufacturer of reinforced thermoset plastic corrosion resistant vessels and vessel parts by shop fabrication and shop subassembly fabrication of types I, II, and X laminates using hand lay-up and filament winding fabrication methods; performance and subcontracting of designs by rules and design by stress analysis; performance of hydrostatic and vacuum testing and subcontracting of acoustic emission and mechanical laminate testing at the above location; and performance of field assembly and field repair for new construction before being placed in service.**

ACCREDITED SINCE:      October 2004

CERTIFICATE NUMBER:   RTP-014

**The American Society of Mechanical Engineers**



\*Representation of ASME Certificate of Authorization



# BELCO

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