

# SMALL SHAPES. FINE FINISHES.

WHAT CAN WE MAKE FOR YOU?



Briteline Extrusions, Inc is an aluminum extrusion manufacturing company located in Summerville, South Carolina, 20 miles from Charleston. We also fabricate, anodize, and powder coat at our facility.

L–R Back: Bo Bagwell, VP, Sales & Administration; Tradd Kabine, Inside Sales Manager; Chris Kabine, VP, Manufacturing and Properties L-R Front: Diane Bagwell, President, Sales & Administration; Ed Kabine, President, Manufacturing

# **OUR MARKETS**







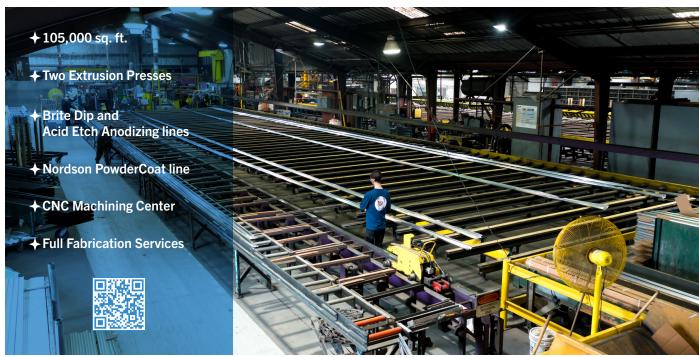




**RETAIL DISPLAY** 

# **OUR CAPABILITIES**

Briteline Extrusion is designed to be your one stop source for high-quality extruded, fabricated and finished aluminum extrusion parts.



#### **PRESSES**

Our 6-inch extrusion presses are designed to extrude small, lightweight shapes. We can extrude solids or hollows that fit inside the 6" circle size

#### **FINISHING**

→Brite Dip Silver, Black, Gold, Nickel. Anodizing Maximum Length: 16'

→Acid Etch Silver, Black, Gold, Nickel. Anodizing Maximum Length: Solids: 18' Hollows 18'

→ Mechanical Buff Maximum Length: 18' Finishing Brush Maximum Length: 14'

#### **TEMPER**

Extrusions are cooled from an elevated temperature and artificially aged. Webster reading 10-12.

No artificial aging. Material will be soft. Webster reading 2-3. Will naturally age **→**T42 over time and become hard.

♦ Stabilize Heat treat at 365 degrees for three hours. Metal will be bendable, but will not harden any further over time. Webster reading 7-8.

## **BILLET/ALLOY**

We use primary billet from the aluminum industry's

→6063 The most popular extrusion alloy. Good good machinability. Heat treatable.

♦6463 Designed to accept a bright finish through Alloy anodizing and/or polishing. Good surface finish; good corrosion-resistance; good machinability. Heat treatable.

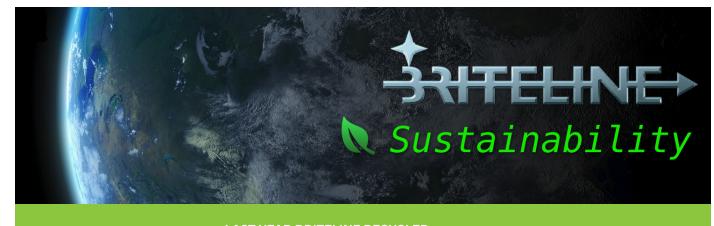






Briteline CEO Ken Kabine lived 96 amazing years and has been a wonderful son, brother, husband, father, grandfather, great grandfather, boss, friend and role model. He was a decorated veteran of both WWII and the Korean War. His strong work ethic, great business sense and pioneering knowledge of the aluminum industry are unparalleled. He was greatly loved and is greatly missed. The second and third generations of the Kabine family have spent over 130 combined years at Briteline under Mr. Kabine's guidance and will keep the focus on making the best aluminum we can for our customers and taking care of our team members.

> **Kenneth Howard Kabine** 1926-2023



LAST YEAR BRITELINE RECYCLED

1,019,036

CARDBOARD 9,000 POUNDS

**USED OIL** 2,130

4.409



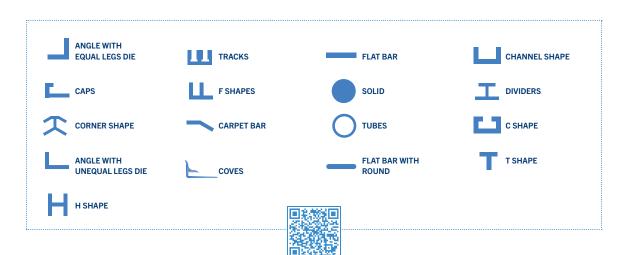


### **CUSTOM DIES**

When you have a need for a unique shape, let us help you from the very start. Our Sales Team is backed up by design engineers and experienced extrusion tool and die professionals. The more we know about your part, its application, and any mating parts, the better we can assist you. Lead time for a solid die to be made is two weeks after we receive your signed die proposal print. A hollow die will take three weeks to construct. Once you approve the die sample, orders usually take 4 weeks to produce.

#### **STANDARD DIES**

If you need a basic extruded shape like a flat bar, angle, tube or channel, take a look through the standard dies we maintain. Minimum order quantity is 500 pounds per die. Lead time for orders is usually 4 weeks. We do not have samples for our standard dies, and we do not stock the extrusions. All purchase orders are made to order.



# **MOST POPULAR ANODIZING FINISHES WE OFFER**

#### **BRITE DIP ANODIZING**

- → 200 Buff R5 Brite Dip Silver
- 214 Brushed Nickel
- → 215 Buff R5 Brite Dip Black
- → 203 Buff R5 Brite Dip Gold
- Mill Brite Silver / Gold / Black / Nickel (No Buff)

#### **ACID ETCH ANODIZING**

Acid Etch provides a more matte finish than alkaline etch and helps conceal surface defects. Because it has a low aluminum removal rate, it is environmentally friendly.

- 200 R1 Matte Silver
- 203 R1 Matte Gold
- → 215 R1 Matte Black

#### **MECHANICAL FINISHING**

In addition to chemical finishing, Briteline offers the following mechanical options:

→Brushing →Buffing →Sanding

# **20' ANODIZING LINE**

**Anodizing Tank Size and Finishes** 

Brite Dip finishes:

**→**Can be anodized up to 16'

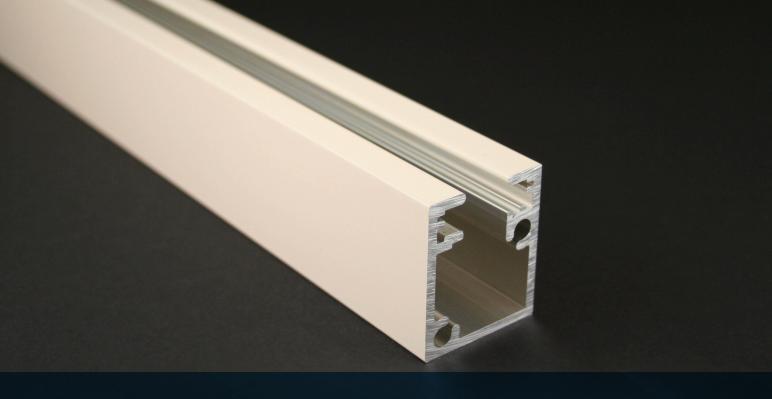
Acid Etch Finishes:

- **♦**Solid Extrusion Shapes can be anodized to 18'
- →Hollow Extrusion Shapes can be anodized to 18'

## **BENEFITS OF ANODIZING**

- →Increased Durability
- →Pleasing Appearance
- →No Chipping, Peeling, or Flaking
- **♦**Easy to Maintain





# **POWDER COAT**

Powder coating administers a fine powder of coloring agents that, when heated, fuse to the aluminum to form a continuous coating. Briteline Extrusions runs both an automated line and a hand booth operation designed to handle material up to 14 feet in length.

## **FABRICATION**

Briteline Extrusions offers the advantage of single sourcing extruded, finished, and fabricated parts for our customers. Our experienced Fabrication team is ready to assist you on your next project!

# **BENEFITS OF POWDER COATING**

- → Tough
- → Attractive
- → Durable
- → Scratch-resistant
- → High quality
- → Colorful → Versatile
- → Long-lasting

#### **AUTOMATED LINE**

Our Nordson Powder Coating equipment with iControl offers repeatability and consistency from order to order.

Ten computer-controlled powder coat guns allow better transfer efficiency and more consistent film thickness. Encore powder pumps and Nutro reciprocators are part of our automated line.

CNC MACHINING EXCELLENCE AND CUTTING EDGE ROBOTIC TECHNOLOGY

# STOCK AND CUSTOM COLORS

Briteline purchases stock and custom powder coat colors from the top suppliers in the country. Powder coat inventory is kept in a temperature-controlled room.

→ 4 Axis CNC Floor-Type Vertical

→ Mecal Machining Center

- → MC 305 Kosmos
- → Spindle Machining Center









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