

## Applications of Rolled & Radius Edges on Custom Metallic Enclosures

### Application

As a value added feature, the use of rolled and radius edges on Bebco's line of custom metallic enclosures is intended to enhance the aesthetic and ergonomic properties of any design. Employment of these features on a standard enclosure may be used to increase the appeal or perception of quality, or as a means to differentiate an otherwise common product from that of the competitor. To utilize this technology, study the specifications below, develop a concept drawing, and then consult with a Bebco CME Division Sales Associate to finalize a prototype design. This technology is intended to satisfy the needs of Original Equipment Manufacturers for high volume production, but is also available for single unit applications, as desired.

### Technical Specifications

#### METAL TYPES:

This technology is suitable for many metal types including Carbon Steel, 3003 or 5052 Grade Aluminum and 304 or 316 Grade Stainless Steel.

#### METAL THICKNESSES:

This technology is suitable for standard enclosure metal thicknesses including 16, 14 & 12 gauge.

#### MAXIMUM SPAN:

This technology is suitable for spans not exceeding 60 inches (5 feet) on any side featuring any combination of rolled or radius edges.

#### RADIUS EDGE DIMENSIONS:

Standard Radius Edges can be formed with either a 1 or 2 inch diameter curvature at any angle ranging up to 90 degrees. For other diameters or acute angles, please consult with a Bebco Sales Associate.

#### ROLLED EDGE DIMENSIONS:

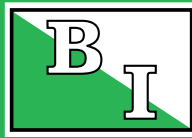
Standard Rolled Edges can be formed from any diameter ranging from 6 to 24 inches at any angle ranging up to 180 degrees. For other diameters or angles exceeding 180 degrees, please consult with a Bebco Sales Associate.

#### CLEARANCE PROVISIONS:

Due to the additional spans consumed by radius and rolled edges, please allow additional clearance near affected corners of the enclosure for the placement of equipment, surface mounted devices, sub-mount panels, access doors and openings.

#### ADJACENT SIDE LIMITATIONS:

Standard construction prohibits radius or rolled edges on adjacent sides of an enclosure. An example of this limitation applied (as shown in the photo above) is an enclosure with radius or rolled edges on the top and bottom surfaces with flat side surfaces. For additional information and some exceptions to this limitation please contact us.

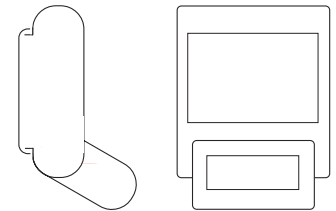


# Rolled & Radius Edge Designs

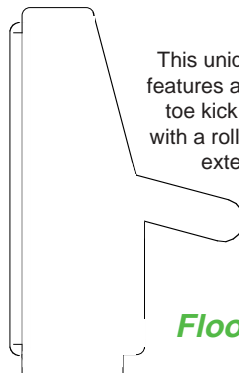
## Concepts & Specifications Guide

CME Division Technical Bulletin RRED-R.1

12/03



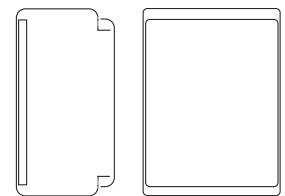
From  
Concept  
Drawing to  
Finished Product



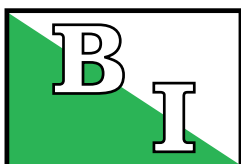
This unique design features a radius top, toe kick and door with a rolled desktop extension

**"Soft" Edge  
Floor Mount Console  
Design**

This basic design features radius corners on the top and bottom surfaces of the enclosure and the door



**Highly Ergonomic  
Radius Corner  
Design**



# Bebco Industries

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