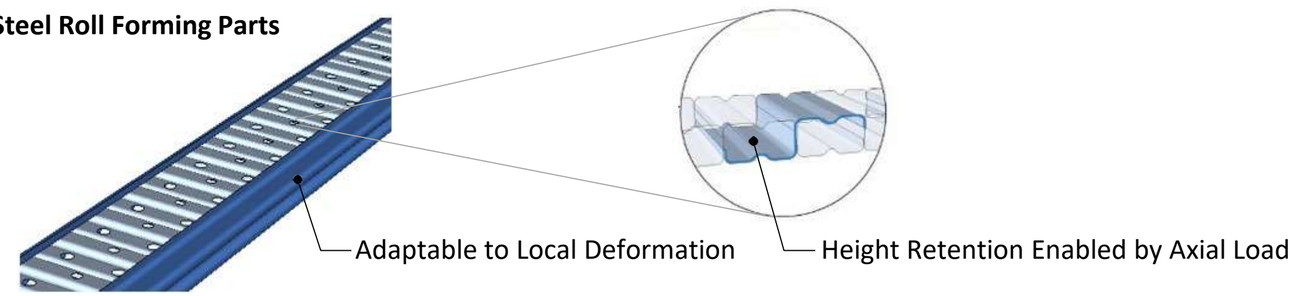
EA SIDE SILL Structure for BEV (Type II)

Bending-Load-Capable Structure Supports Effective Load Path to the Floor Cross

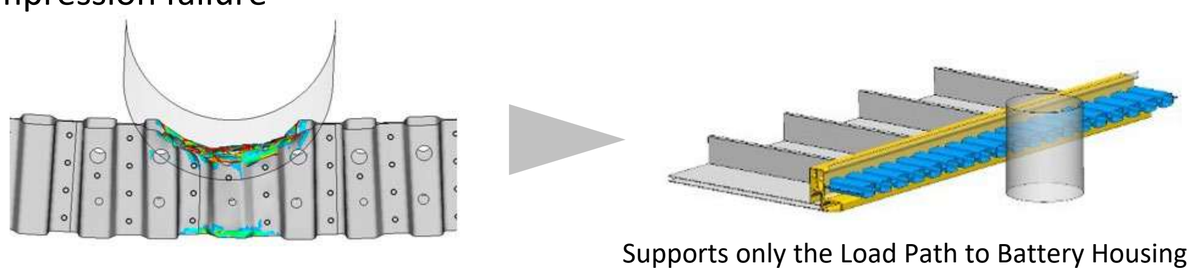
Patented

Efficient Axial Load Path



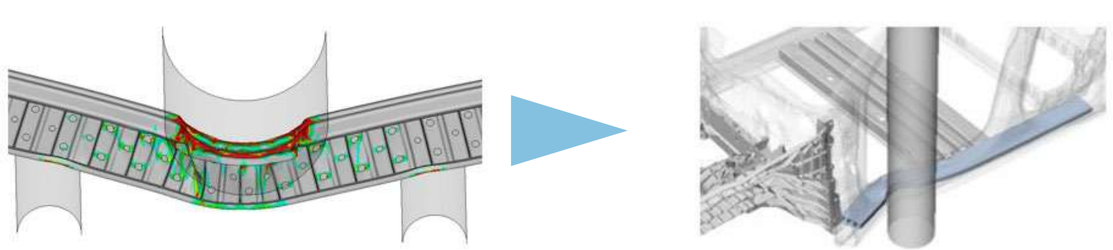
Differences from Type I

Type I: requires support to achieve optimal performance due to axial compression failure



Supports only the Load Path to Battery Housing

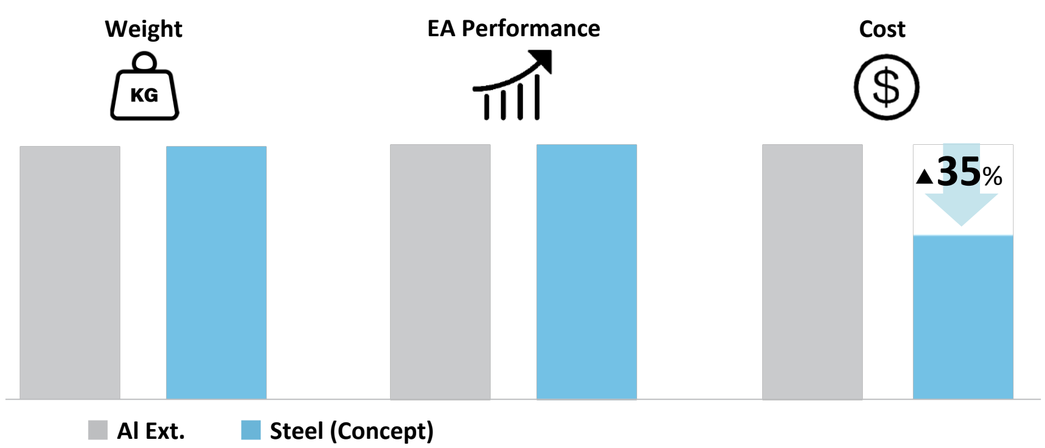
Type II: Aluminum-equivalent performance in bending



Supports Load Path to Floor Cross

Benefits of Application

Achieved the same weight and performance as aluminum extrusion at 35% lower cost



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