

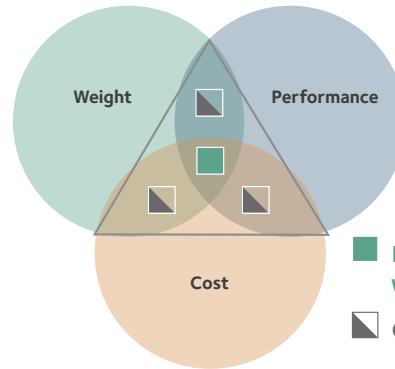
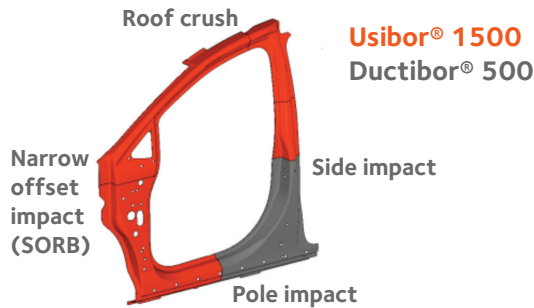
Chrysler Pacifica Hot Stamped Laser Welded Blank (LWB) Front Door Ring



Value of co-engineering

ArcelorMittal Tailored Blanks and FCA US LLC. collaborated through design phase to achieve efficient design

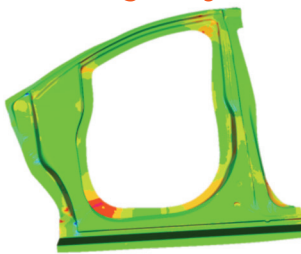
1 Crash analysis



Hot stamped laser welded blank technology

Competing technology

2 Forming analysis



3 Final part

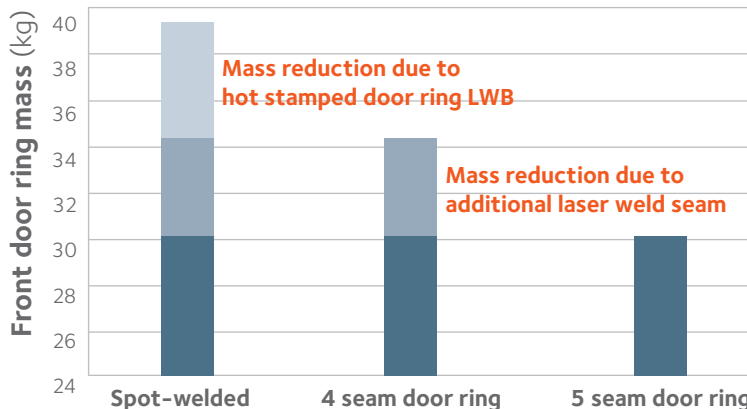
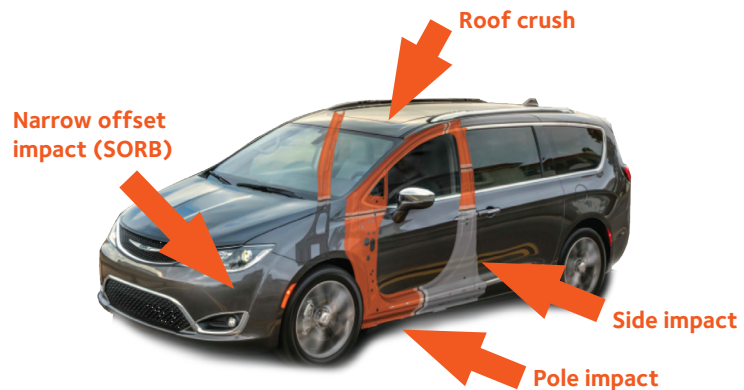


4 Vehicle assembly



Technology benefits

- Weight reduction of 8.64 kg
- Part consolidation
- Material cost reduction
- Improved part performance
- Simplified manufacturing process



transformingtomorrow

automotive.arcelormittal.com

#drivenbysteel