

# 2016 Enlighten Award Nominee



## ALCOA The Alcoa Micromill



The Alcoa Micromill™ is the fastest aluminum casting and rolling system worldwide, producing the most advanced aluminum sheet on the market. This disruptive technology turns molten metal to rolled coil in 20 minutes—a process that takes traditional rolling mills approximately 20 days. The Micromill enables Ford to replace many traditionally steel components with lighter weight aluminum alternatives.

Category:  
**Module**

Application:  
**2016 Ford F-150**

Weight Savings:  
**30-50%** lighter than parts  
made with steel

Methodology:  
**Material Replacement**