



# SOLUTION

## ***COMPRESSED AIR CUTTING***

LOW COST LASER PROCESSING  
*REDUCED ASSIST GAS COSTS WITH HIGH SPEED CAPABILITIES*



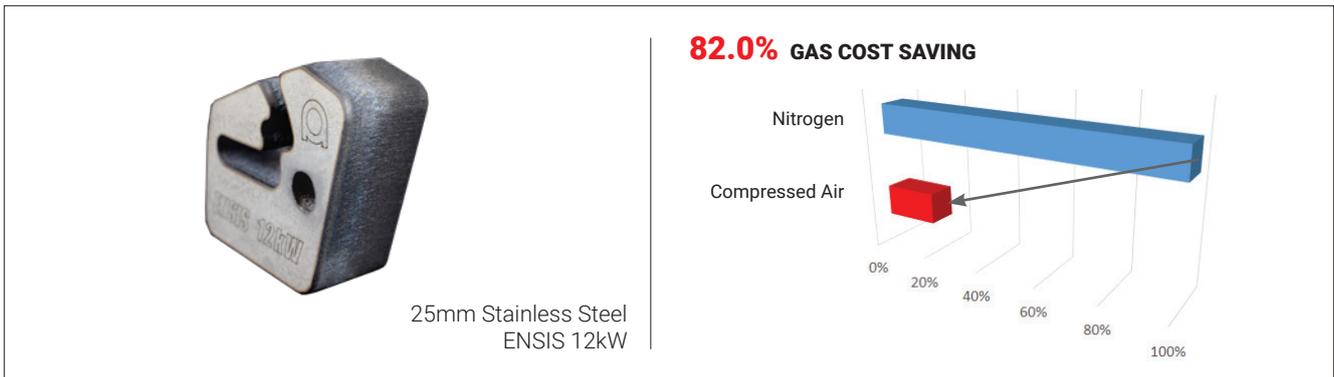
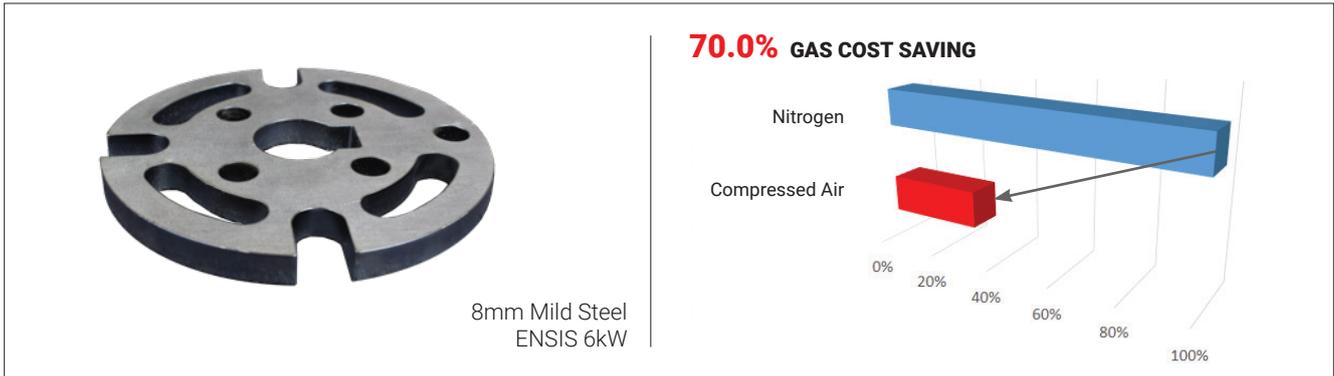
# COMPRESSED AIR CUTTING LOW COST LASER PROCESSING

## REDUCED ASSIST GAS COSTS WITH HIGH SPEED CAPABILITIES

With the introduction of higher power fibre lasers, users are increasingly focusing on the overall running costs in order to remain competitive in the market. Although nitrogen has become the standard for high speed processing, the cost of this assist gas can be the difference between winning or losing an order.

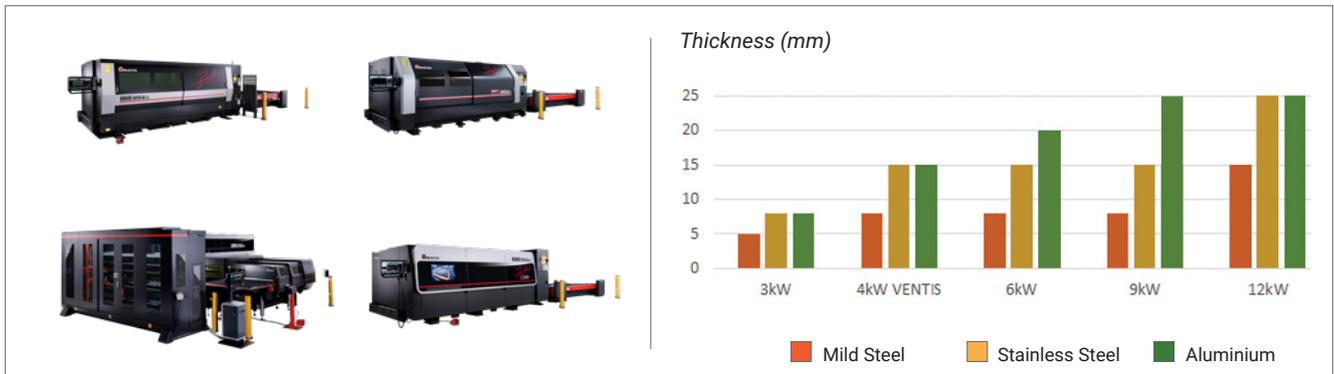
The standard compressed air cutting feature on all AMADA fibre lasers and punch/laser combination machines can reduce the assist gas costs by more than 70% whilst generally retaining the high processing speeds that nitrogen cutting offers. Mild steel, stainless steel and aluminium can all be processed with compressed air.

### EXAMPLE COST SAVINGS



*Costs include capital expenditure and electrical usage for a 14bar compressor*

### STANDARD FEATURE ACROSS THE WHOLE AMADA LASER RANGE



*Thickness specification depends on material quality and environmental conditions.  
High pressure compressed air systems may be required to achieve maximum specifications.*

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