

# Product Emissions Summary

Product ID	CNC Case Study 1
Description	
Functional Unit	
Declarations	
Allocation	None

## Total Emissions by Part (kg CO<sub>2</sub>e)

Part 1	803.25
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# Part: Part 1

## Total Emissions (kg CO<sub>2</sub>e)

Total	803.25
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## Emission Breakdown by Life Cycle Stage

Scope 1	0.00
Scope 2	803.25
Purchased Goods	0.00
Transport	0.00
Waste	0.00
Use Phase	0.00
End of Life	0.00

## Materials

Material	Weight (kg)
Aluminum	3.68995129

## Upstream Transport

Class	Vehicle	Distance (km)	Mass (kg)
HGV (Diesel)	HGV Rigid (> 3500kg to 7500kg) (0% Laden)	59	3.6899512
Freight Flights	International with RF	3700	3.6899512
HGV (Diesel)	HGV Rigid (> 3500kg to 7500kg) (0% Laden)	6	3.6899512

## Machining

Brand	Machine	Operating Time (hr)
YCM	TCV 2000A	1
YCM	TCV 2000A	2.5
YCM	TCV 3000A	6
Amada	TECHSTER 84	1
YCM	TCV 2000A	2.5
YCM	TCV 3000A	6
YCM	TV116B	1.5
Amada	TECHSTER 84	23
YCM	TV116B	2
YCM	TV116B	52
YCM	TCV 3000A	1.5