

Product Emissions Summary

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

Total Emissions by Part (kg CO₂e)

Part 1	803.25
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Part: Part 1

Total Emissions (kg CO₂e)

Total

803.25

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