

# Product Emissions Summary

Product ID	18 Parts Onn Wah Tech
Description	
Functional Unit	
Declarations	
Allocation	None

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

Part 2	87.55
Part 3	1.68
Part 4	0.00
Part 5	78.54
Part 6	0.00
Part 7	0.00
Part 8	52.81
Part 9	6.30
Part 10	0.00
Part 11	480.48
Part 12	13.86
Part 16	0.00
Part 13	0.00
Part 14	0.00
Part 15	0.00

Part 17	0.00
Part 18	0.00
Part 1	3.15

# Part: Part 2

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

Total	112.64
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## Emission Breakdown by Life Cycle Stage

Scope 1	78.54
Scope 2	0.00
Purchased Goods	25.09
Transport	9.01
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	3.68995129
Freight Flights	International with RF	3700	3.68995129
HGV (Diesel)	HGV Rigid (> 3500kg to 7500kg) (0% Laden)	6	3.68995129

## Machining

Brand	Machine	Operating Time (hr)
YCM	TCV 2000A	2.5
YCM	TCV 3000A	6

# Part: Part 3

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

Total	1.68
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## Emission Breakdown by Life Cycle Stage

Scope 1	1.68
Scope 2	0.00
Purchased Goods	0.00
Transport	0.00
Waste	0.00
Use Phase	0.00
End of Life	0.00

## Materials

Material	Weight (kg)

## Upstream Transport

Class	Vehicle	Distance (km)	Mass (kg)

## Machining

Brand	Machine	Operating Time (hr)
Amada	TECHSTER 84	1

Part: Part 4

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

Total	0.00
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Emission Breakdown by Life Cycle Stage

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

Materials

Material	Weight (kg)

Upstream Transport

Class	Vehicle	Distance (km)	Mass (kg)

Machining

Brand	Machine	Operating Time (hr)

# Part: Part 5

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

Total	78.54
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## Emission Breakdown by Life Cycle Stage

Scope 1	78.54
Scope 2	0.00
Purchased Goods	0.00
Transport	0.00
Waste	0.00
Use Phase	0.00
End of Life	0.00

## Materials

Material	Weight (kg)

## Upstream Transport

Class	Vehicle	Distance (km)	Mass (kg)

## Machining

Brand	Machine	Operating Time (hr)
YCM	TCV 2000A	2.5
YCM	TCV 3000A	6

# Part: Part 6

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

Total	0.00
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## Emission Breakdown by Life Cycle Stage

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

## Materials

Material	Weight (kg)

## Upstream Transport

Class	Vehicle	Distance (km)	Mass (kg)

## Machining

Brand	Machine	Operating Time (hr)



# Part: Part 7

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

Total	0.00
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## Emission Breakdown by Life Cycle Stage

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

## Materials

Material	Weight (kg)

## Upstream Transport

Class	Vehicle	Distance (km)	Mass (kg)

## Machining

Brand	Machine	Operating Time (hr)
Amada		

# Part: Part 8

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

Total	52.81
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## Emission Breakdown by Life Cycle Stage

Scope 1	52.81
Scope 2	0.00
Purchased Goods	0.00
Transport	0.00
Waste	0.00
Use Phase	0.00
End of Life	0.00

## Materials

Material	Weight (kg)

## Upstream Transport

Class	Vehicle	Distance (km)	Mass (kg)

## Machining

Brand	Machine	Operating Time (hr)
Mazak	INTEGREX i-200 NEO	1.5
Amada	TECHSTER 84	23

# Part: Part 9

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

Total	6.30
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## Emission Breakdown by Life Cycle Stage

Scope 1	6.30
Scope 2	0.00
Purchased Goods	0.00
Transport	0.00
Waste	0.00
Use Phase	0.00
End of Life	0.00

## Materials

Material	Weight (kg)

## Upstream Transport

Class	Vehicle	Distance (km)	Mass (kg)

## Machining

Brand	Machine	Operating Time (hr)
Mazak	INTEGREX i-100 NEO	2

# Part: Part 10

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

Total	0.00
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## Emission Breakdown by Life Cycle Stage

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

## Materials

Material	Weight (kg)

## Upstream Transport

Class	Vehicle	Distance (km)	Mass (kg)

## Machining

Brand	Machine	Operating Time (hr)

# Part: Part 11

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

Total	480.48
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## Emission Breakdown by Life Cycle Stage

Scope 1	480.48
Scope 2	0.00
Purchased Goods	0.00
Transport	0.00
Waste	0.00
Use Phase	0.00
End of Life	0.00

## Materials

Material	Weight (kg)

## Upstream Transport

Class	Vehicle	Distance (km)	Mass (kg)

## Machining

Brand	Machine	Operating Time (hr)
Mazak	INTEGREX i-350 NEO	52

# Part: Part 12

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

Total	13.86
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### Emission Breakdown by Life Cycle Stage

Scope 1	13.86
Scope 2	0.00
Purchased Goods	0.00
Transport	0.00
Waste	0.00
Use Phase	0.00
End of Life	0.00

### Materials

Material	Weight (kg)

### Upstream Transport

Class	Vehicle	Distance (km)	Mass (kg)

### Machining

Brand	Machine	Operating Time (hr)
YCM	TCV 3000A	1.5

# Part: Part 16

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

Total	0.00
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## Emission Breakdown by Life Cycle Stage

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

## Materials

Material	Weight (kg)

## Upstream Transport

Class	Vehicle	Distance (km)	Mass (kg)

## Machining

Brand	Machine	Operating Time (hr)

# Part: Part 13

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

Total	0.00
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## Emission Breakdown by Life Cycle Stage

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

## Materials

Material	Weight (kg)

## Upstream Transport

Class	Vehicle	Distance (km)	Mass (kg)

## Machining

Brand	Machine	Operating Time (hr)



# Part: Part 14

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

Total	0.00
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## Emission Breakdown by Life Cycle Stage

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

## Materials

Material	Weight (kg)

## Upstream Transport

Class	Vehicle	Distance (km)	Mass (kg)

## Machining

Brand	Machine	Operating Time (hr)

# Part: Part 15

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

Total	0.00
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## Emission Breakdown by Life Cycle Stage

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

## Materials

Material	Weight (kg)

## Upstream Transport

Class	Vehicle	Distance (km)	Mass (kg)

## Machining

Brand	Machine	Operating Time (hr)

# Part: Part 17

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

Total	0.00
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## Emission Breakdown by Life Cycle Stage

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

## Materials

Material	Weight (kg)

## Upstream Transport

Class	Vehicle	Distance (km)	Mass (kg)

## Machining

Brand	Machine	Operating Time (hr)

# Part: Part 18

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

Total	0.00
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## Emission Breakdown by Life Cycle Stage

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

## Materials

Material	Weight (kg)

## Upstream Transport

Class	Vehicle	Distance (km)	Mass (kg)

## Machining

Brand	Machine	Operating Time (hr)

# Part: Part 1

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

Total	3.15
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## Emission Breakdown by Life Cycle Stage

Scope 1	3.15
Scope 2	0.00
Purchased Goods	0.00
Transport	0.00
Waste	0.00
Use Phase	0.00
End of Life	0.00

## Materials

Material	Weight (kg)

## Upstream Transport

Class	Vehicle	Distance (km)	Mass (kg)

## Machining

Brand	Machine	Operating Time (hr)
Mazak	INTEGREX i-100 NEO	1