

昆山钜全金属工业有限公司  
Kunshan Jieh Chueng Industrial Co., Ltd.

# CO2 Emission Program

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## 昆山钜全 -- Kunshan JCC Profile

昆山钜全金属工业有限公司（简称JCC）成立于2003年1月。  
本公司目前主要业务为工业类铝合金零件的压铸与重力铸造及机加工，表面处理与组装。同时，本公司专业于铝合金铸造金属模具的设计与制造。

- 1, 雇员有140人
- 2, 年铸造铝合金产品1700吨
- 3, 年度营业1.4亿人民币
- 4, 铝合金铸造设备13台，四轴CNC加工设备100台（其中卧式加工机5台）

Kunshan Jieh Chueng Industrial Co., Ltd (JCC) was established in January 2003.

Our company's main business scope is aluminum alloy casting, machining, surface treatment, and assembly. Our company also specializes in the design and manufacturing of metal molds.

1. There are 140 employees
2. Annual aluminum alloy casting of 1700 tons
3. Annual revenue of 140 million RMB
4. 13 aluminum alloy casting equipments and 100 CNC machining equipments with 4-DDR axes (5 MAKINO Horizontal Machine Centers)



# 昆山钜全 -- Kunshan JCC CO2 Emission Program

## 二氧化碳减排目标 CO2 Emission Reduction Target for Scope 1 & 2

基于2021年CO2排放33.89吨/百万人民币营业额，能源包含电，天然气，油品等总量进行CO2折算

Based on CO2 emissions of 33.89 tons/million RMB turnover in 2021, CO2 conversion of energy including electricity, natural gas, oil, transportation, etc.

2030年公司内生产过程CO2排放减少30%

2030 Target: 30% CO2 emission reduction

主要行动

Major action

- 厂房屋顶安装光伏电站  
Installation of photovoltaic power station on the roof of the factory building
- 改善车间光线增加亮光带，全部改为LED高亮度照明灯  
Improve the lighting in the workshop by adding bright strips, replacing all with LED high brightness lighting
- 更换节能高效机器设备  
Investment to replace energy-saving and efficient equipment
- 空压机热能有效利用率超50%（2027年前）  
The thermal energy efficiency of air compressors exceeds 50% (by 2027)
- 公司物流系统运输电气化（2028年前）  
Electrification of transportation processes in location logistics system (by 2028)

2040年公司内生产过程CO2排放减少50%

2040 Target: 50% CO2 emission reduction

主要行动

Major action

- 100%采购二氧化碳中和电力  
Purchase CO2 neutral electricity
- 在公司内提升能源利用效率  
Implement energy efficiency improvements in location

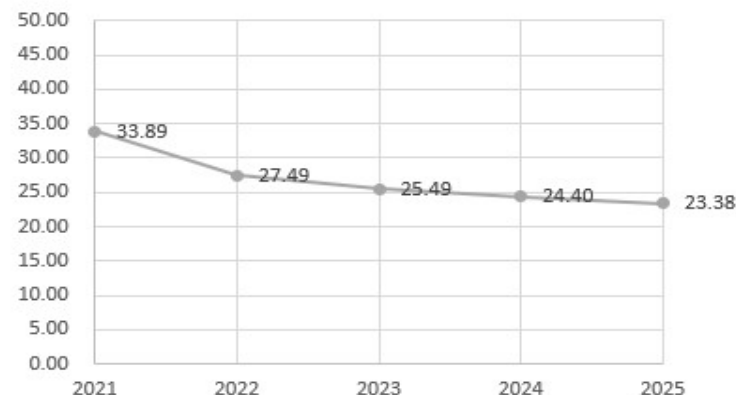
# 昆山钜全 -- Kunshan JCC CO2 Emission Program

## 二氧化碳减排成果 CO2 Emission Achievement

2021年公司内使用能源总量折算CO2排放33.89吨/百万人民币营业额  
2022年公司内使用能源总量折算CO2排放27.49吨/百万人民币营业额，  
同2021年相比下降18.9%  
2023年公司内使用能源总量折算CO2排放25.49吨/百万人民币营业额，  
与2021年相比下降24.78%  
2024年公司内使用能源总量折算CO2排放24.40吨/百万人民币营业额，  
与2021年相比下降28.01%  
2025年公司内使用能源总量折算CO2排放23.38吨/百万人民币营业额，  
与2021年相比下降31.01%

The total amount of carbon dioxide emissions in the year of 2021 was converted into a turnover of 33.89 tons/million RMB.  
In 2022, the total carbon dioxide emissions was converted into a turnover of 27.49 tons/million RMB, 18.9% decrease compared to 2021.  
In 2023, the total carbon dioxide emissions was converted into a turnover of 24.15 tons/million RMB, 28.73% decrease compared to 2021.  
In 2024, the total carbon dioxide emissions was converted into a turnover of 24.40 tons/million RMB, 28.01% decrease compared to 2021.  
In 2025, the total carbon dioxide emissions was converted into a turnover of 23.38 tons/million RMB, 31.01% decrease compared to 2021.

Tons/million RMB



—●— 百万单位排放吨

Decrease compared to 2021



如需了解更多信息，请随时与我们联系。

**Please feel free to contact us if you want to know more information.**