Facts & Figures

New high-tech chip factory for 300-millimeter thin wafers Villach, Austria

Area	
Gross floor area	60.000 m^2
Dimensions length/width/height	120 meters/110 meters/35 meters
Investment & start of production	
Investment	1.6 billion euros
Investment period	6 years
Start of production	Beginning of August 2021
Sales potential at full capacity	2 billion euros per year
Additional jobs	400 (more than two thirds are hired)
Building facts	
Concrete used	70,000 m^3 (= around 7,800 concrete mixer lorries)
Steel used	18,000 tons (= more than double the amount of steel used in the Eiffel Tower in Paris)
Installed cables and pipelines	2,500 kilometers (= route Villach-Dresden and back)
Infrastructure mobile communication standard	5G
Cleanroom facts	
Length automation system	6 kilometers
Cleanroom class	1000 (1000 dust particles per 28 liters of air, for comparison: a hospital operating room contains 1,000 to 10,000 particles per 28 liters of air).
Sustainability	
Energy supply	100 percent green electricity (since 2013)
Exhaust air purification rate	91 percent
Avoidance of truck journeys due to new onsite hydrogen plant	100 truck journeys per year/about 75,000 kilometers per year
Covering heat demand	80 percent recycling of waste heat from the cooling systems, future CO_2 savings projected at around 20,000 tons per year