


Main Equipment Outlines & Weights

CO₂ Capture Facility

Kårstø, Norway

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Major Equipment Outline Dimensions & Weights

Equipment	Tag No.	Equipment Size		Weight (kg)	Remarks
		Length (mm)	Width (mm)		
CO ₂ Absorber	T-101 / T-102	11,810	Diameter	208,655	
Stripper	T-103	6,670	Diameter	208,655	
Flue Gas Blower	MA-101 / MV-102	7,890	7,280	71,000	Fan only
CO ₂ Compressor Skid	MC-103A/C	21,500	4,000	149,700	Total for all three stages
CO ₂ Gas Drying Skid	X-104	5,100	5,000	139,250	
Concentrated Amine Storage Tank	MT-101	7,000	4,000 Dia	3,800	
Process Water Surge Tank	MT-104	7,300	4,300 Dia	4,000	
Transformers – Step-Down/Reserve 15 MVA	1ESETP03	4,850	3,650	20,000	
Transformer – Step-Down/Reserve 3 MVA	1ESETP02	3,650	3,100	7,000	
Stripper Reflux Drum	MV-202	5,500	3,700 Dia	2,500	
CO ₂ Compressor Suction Drum	MV-203	6,000	4,000 Dia	3,000	
Flue Gas Guillotine Damper	MD-008A/B	7,000 x 7,000	1,500	20,000	Each damper
Flue Gas Guillotine Damper	MD-034A/B & MD-060A/B	7,000 x 3,500	1,500	15,000	Each damper
Seawater Cooling Pumps	MP-115A/B	3,850	1,800	15,200	