

HEAVY FABRICATION CAPABILITIES



WHY CHOOSE SWANTON WELDING FOR YOUR HEAVY FABRICATION NEEDS?

Swanton Welding Heavy Fab offers some of the largest custom and structural fabrications in the Midwest. We have a proven track record of supplying large and complex fabrications such as clean air, furnaces, large duct work, bulk storage, material handling, structural steel, tanks, hoppers, and chutes for industries that include utilities, mining, oil & gas, industrial, alternative energy and solar.



HEAVY FABRICATION CAPABILITIES

GENERAL CAPABILITIES

Custom
Large Industrial Fabrications
Complex Systems
Heavy
Structural
Industrial
80 Ton Crane Lifting
285,000 sq. ft. Manufacturing Space
Total Man Power Exceeds 100

FABRICATION METHOD

Assembly	CNC Machining
Bending	Pressed
Machining	Rolling
Cutting	Sawing
Forming	Welding

PRODUCTS

Assemblies	Bins
Enclosures	Component Parts
Stacks, Flares	Tooling
Heavy Plate	Tubing
Panels	AWS D1.1
Plates	Heavy Beam and Plate
Fab to Print	Large Diameters
Ductwork	Assemblies
Hoppers	CNC Beam line

HEAVY FABRICATION PRODUCTS

Large Ductwork	Dredges and Barges
Furnaces	Build to Print
Tanks	Bulk Conveying
Hoppers	Flares and Stacks
Bulk Storage	Steel Mill and Foundry
Clean Air	Alternative Energies
Bins	

INDUSTRY STANDARDS

In-house CWI AWS D1.1 Certified

STRUCTURAL FABRICATION

Building Steel	Industrial
Platforms	Leg Supports
Hand Rails	Trusses
Stairs	Pipe Spools
Pipe Supports	Overhead Conveyors
Ornamental	Caged/Non-Caged Ladders
Towers	Safety Fabrication

MATERIALS & SIZES

Carbon Steel	Thickness: Thin gauge to 12 in
Stainless Steel	Max. Length: 250 ft.
Aluminum	Max. Width : 100 ft.
Other Misc.	Max. Height : 100 ft.
	Max. Weight : 100 tons
	Tolerance: Per Print

INDUSTRY FOCUS

Environmental	Chemical Process
Structural	General Industrial
Process Paper	Alternative energy
Steel Mills	Power and utilities
Coal	Bulk Handling and Storage
Foundry	OEM
Clean Air	General Contractors
Petro	Industrial Components
Spare Parts	

ADDITIONAL SERVICES

Assembly	CNC Beam Line
Finishing	Painting
Sandblasting	Prefinishing

FILE FORMATS

AutoCAD	3D Inventor
2D Mechanical	Radan