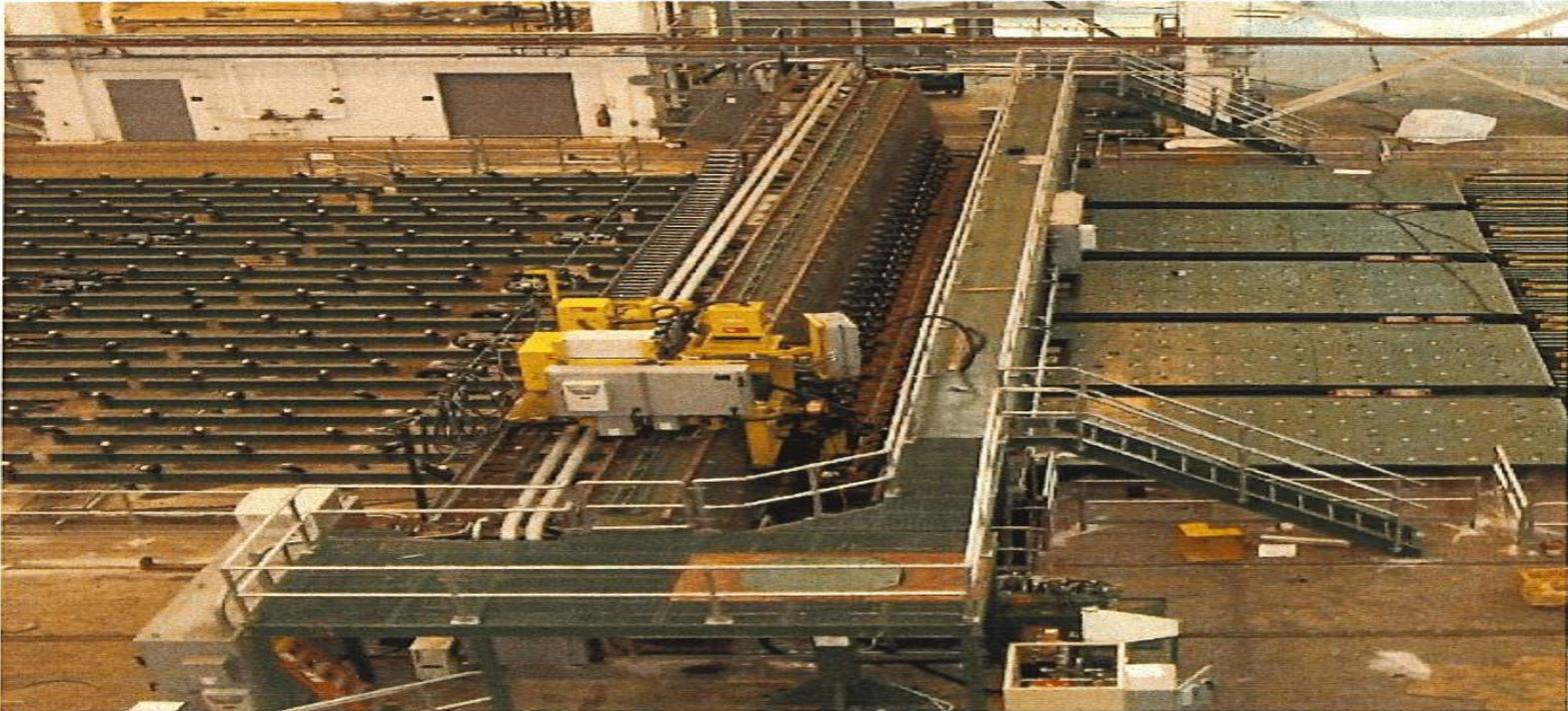


2008 Ogden Welding System 5 Station Panel Line



Exclusive Offering Presented By:

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Listing Overview

- Asking Price: **\$5,500,000**
- New Value: \$22,000,000
- Link to Listing: [2008 Ogden Welding System 5 Station Panel Line](#)

Listing Details

- 2008 Ogden Shipyard Panel Welding line
- Never installed
- 56' W x 56' L max panel size
- 1.5" max panel width
- 200-ton weight cap
- Radio Control Operation Panels
- Including Plate Edge Mill, Panel Transport System, Several Service Gantries, Insert Weld Stations, Plat Turnover, grind/cut/mark gantry, stiffener fitting and steam welding gantries, web welding & fitting gantry



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Panel Line – Station 1

Edge Blast & Plate Staging

- Two Portable Blast Units
- Norton Edge Blaster (7006-I1)
- Plates will be lifted onto the blast table by magnetic plate crane. Operator will attach blast head to plate and transverse longitudinal side of plate for top side blast, readjust head, and return to start point and complete bottom side blast.



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Panel Line – Station 2 Edge Mill & Plate Staging

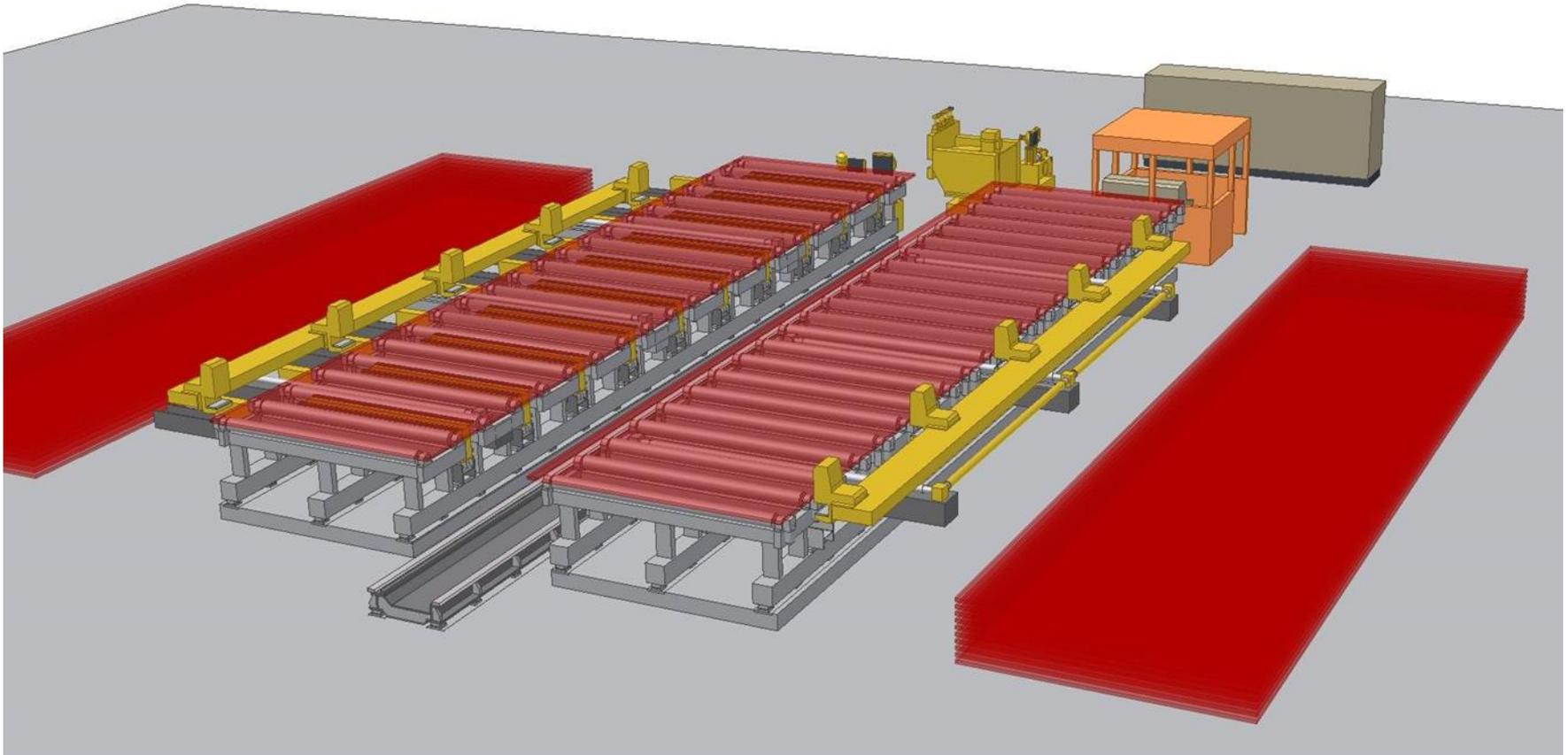
- Linsinger Milling Machine (7006-C1)
 - Hydraulic Hold Down
 - Dual hydraulic system – The plate edge opposite the milling process is held by the hydraulic clamps of the metering system. The plate edge being milled is hydraulically clamped by the mill head height control system.
 - Vacuum Clamping
 - An imbedded vacuum system has been added to assist in flattening longitudinal waviness of thin plate during milling operation.
 - Automatic Tool Changer
 - The dial up of the correct milling head can be controlled by the push of a button or can be N/C controlled. The milling heads are stored in an adjacent magazine (rack) and retrieved and changed automatically by machine tooling.



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Panel Line – Linsinger Edge Mill



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Panel Line – Station 3

Insert Fit & Pre-Tack Area

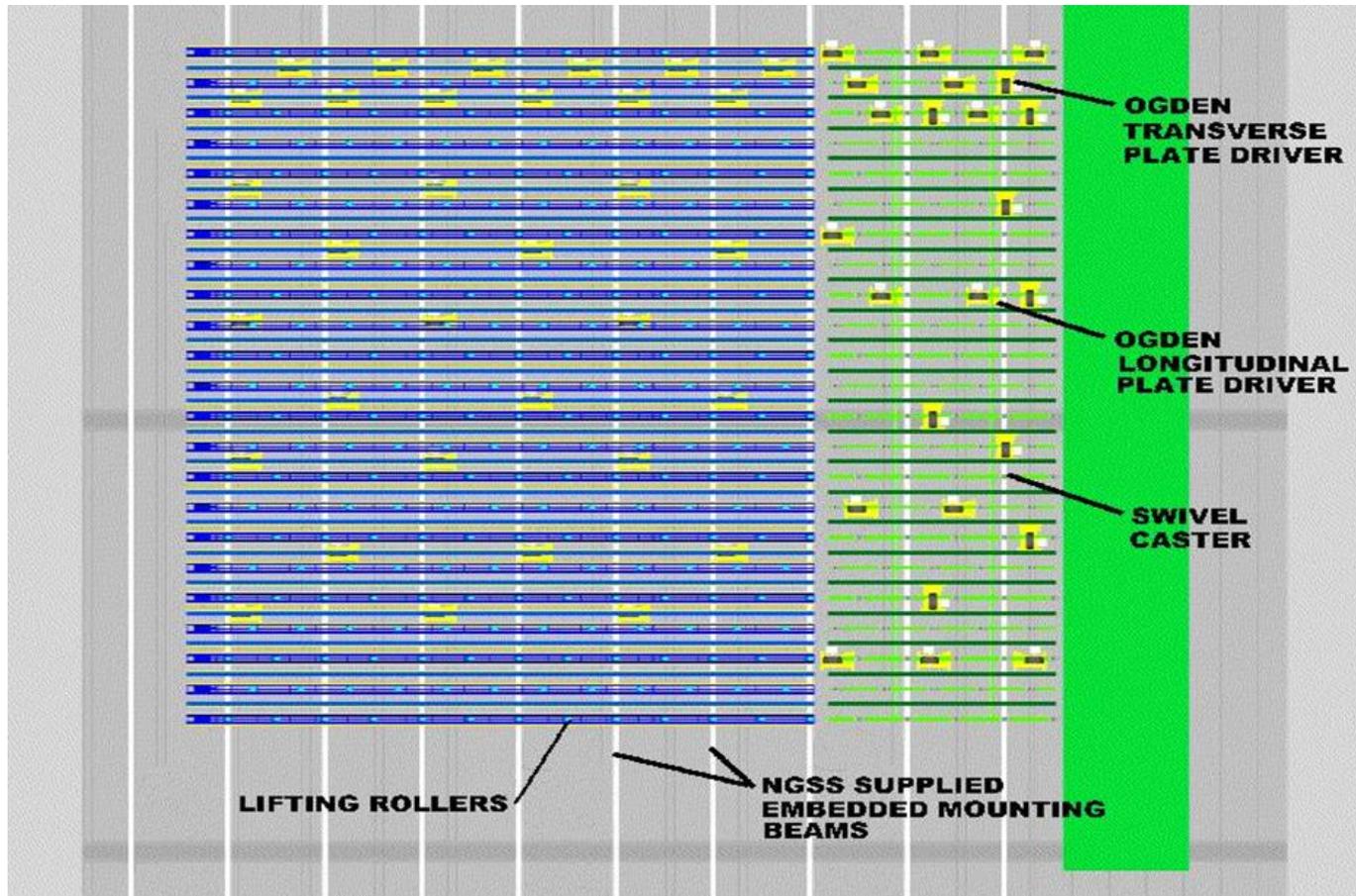
- Service Gantry (7006 K-1)
 - Heavy Duty Dual Beam Construction
 - Spans Panel Line
 - Self-contained
 - Two Independently Controlled GMAW Welding Stations
 - 5-Ton Hoist
- Conveyance
 - Panel Support by Lifting Rollers
 - 30” Transverse x 20” Longitudinal Spacing
 - Intermediate Support Beams
 - Panel Movement by Plate Drivers



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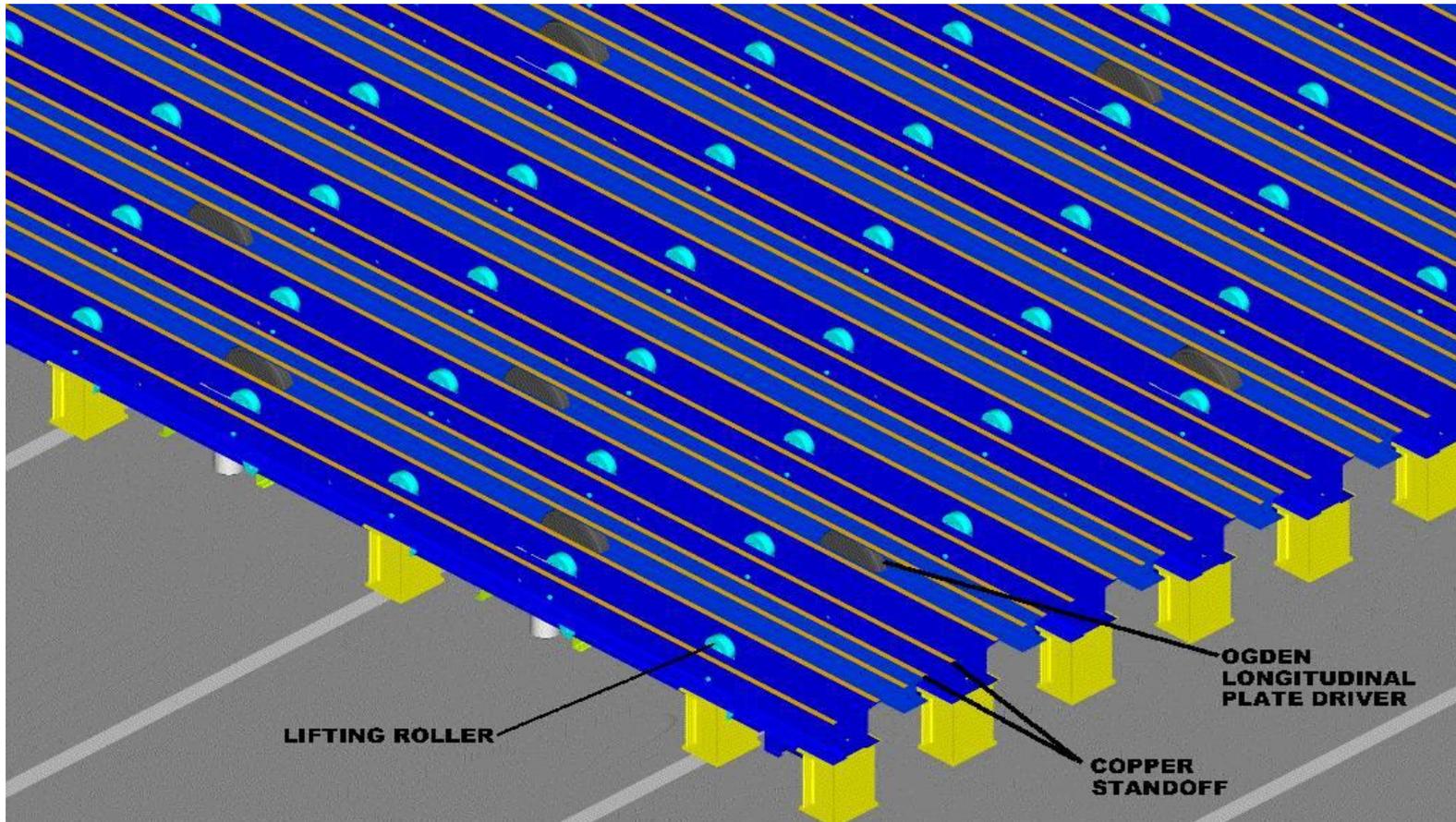
Panel Line Pre-Tack and One Side Weld Input Conveyors



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Panel Line – Pre-Tack Station



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Panel Line – Station 4

One-Sided Butt Welding

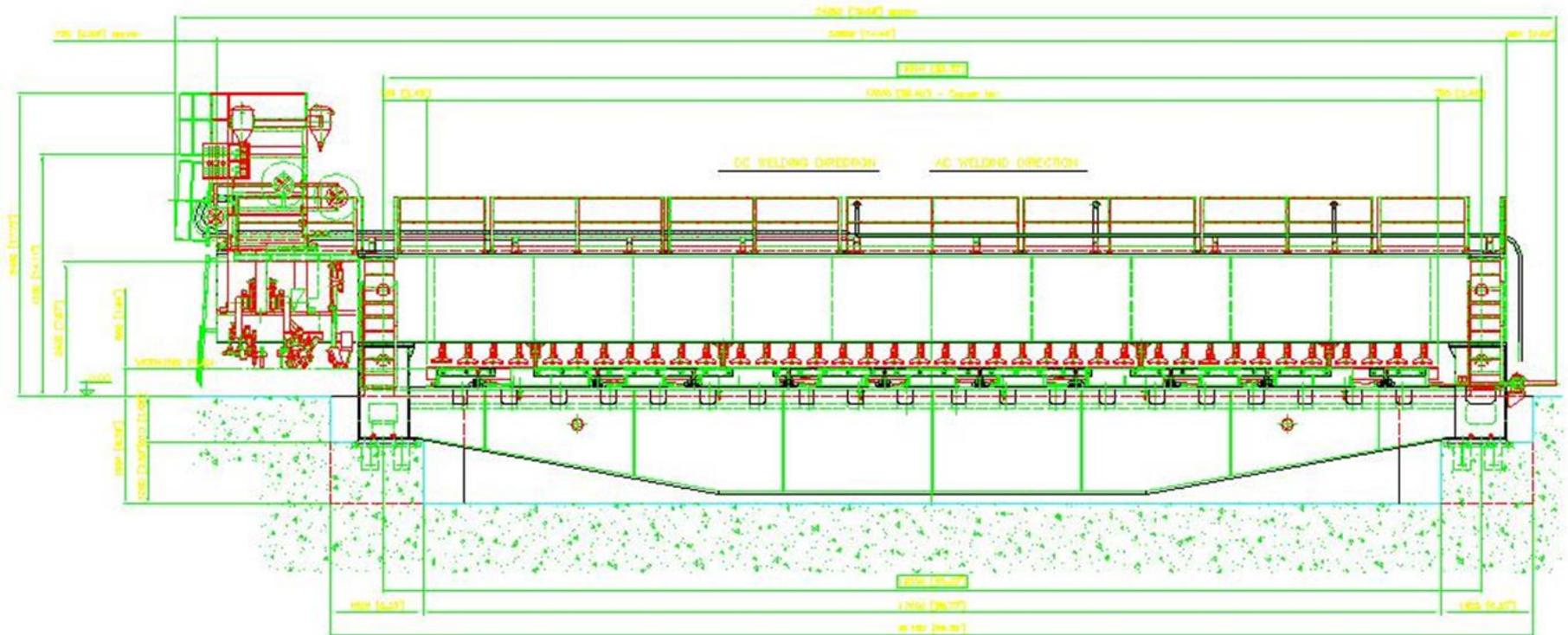
- One Sided Butt Welder (LT-19) (7006-B1)
 - System Hydraulic Clamping
 - Laser Tracking
 - Integrated Plate Positioning
 - SAW Single Side Butt Welder (35 ipm on 5 mm Plate)
- Conveyance
 - Panel Support by Swivel Casters
 - Swivel Casters Continue Through Entire Output Side
 - 30” Transverse x 20” Longitudinal Spacing
 - Panel Movement by Plate Drivers



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Panel Line – Butt Welder



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Panel Line – Station 5 Insert Weld Station

- Insert Welding Service Gantry (7006 J-2)
 - Four Drop-Down SAW Tractors
 - Spans Panel Line
 - Self-Contained
 - Two Independently Controlled GMAW Welding Stations
- Conveyance
 - Panel Support by Lifting Rollers
 - 30” Transverse x 20” Longitudinal Spacing
 - Intermediate Support Beams
 - Panel Movement by Chain Drives (3)



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Panel Line – Station 6

Insert Weld & Plate Turnover

- Weld Gantries from Stations 5 & 7 – Can Traverse This Area
- Conveyance
 - Panel Support by Lifting Rollers
 - 30” Transverse x 20” Longitudinal Spacing
 - Intermediate Support Beams
 - Panel Movement by Chain Drives (3)
 - Turnover by New Crane



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Panel Line – Station 7 Insert Weld Station

- Insert Welding Service Gantry (7006 J-2)
 - Four Drop-Down SAW Tractors
 - Spans Panel Line
 - Self-Contained
 - Two Independently Controlled GMAW Welding Stations
- Conveyance
 - Panel Support by Lifting Rollers
 - 30” Transverse x 20” Longitudinal Spacing
 - Intermediate Support Beams
 - Panel Movement by Chain Drives (3)



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Panel Line – Station 8

Grind / Cut / Mark

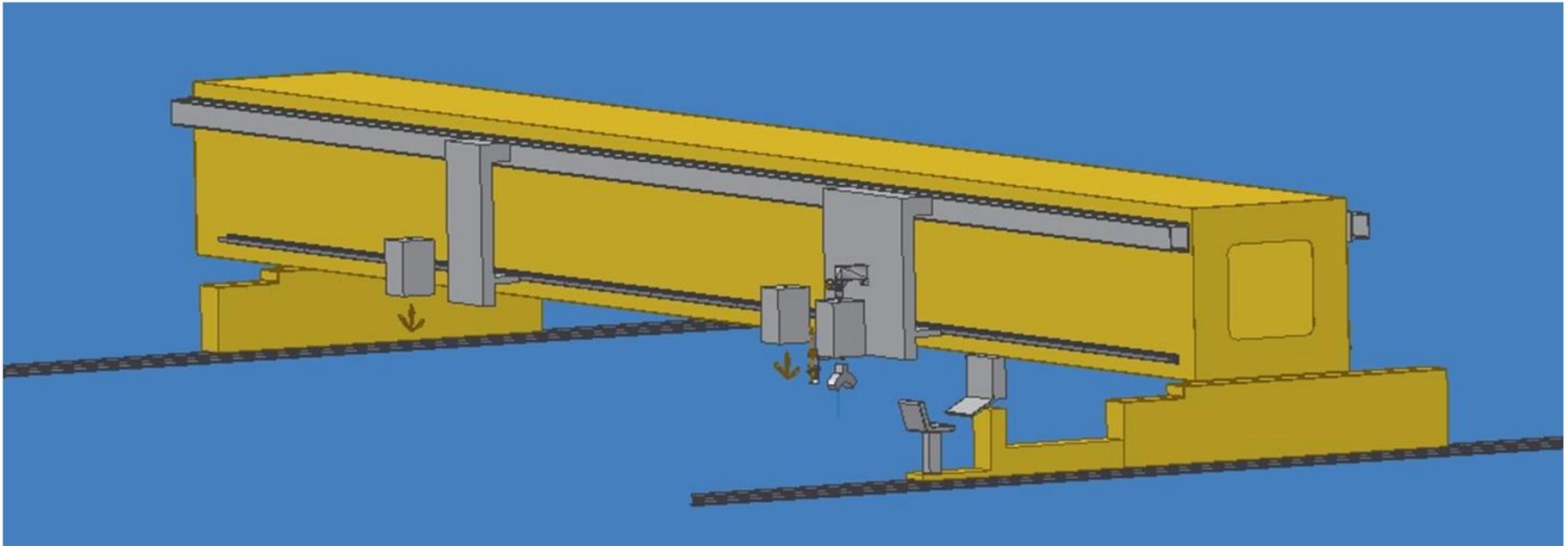
- Grind/Cut and Mark with Downdraft Table (7006 D-1)
- N/C program will align with panel orientation. Grind and laser marking will execute simultaneously. Burn program for interior openings and outer perimeter using either one or a combination of two available processes (flame cut or plasma).
- Conveyance
 - Panel Support by Lifting Rollers
 - 30” Transverse x 20” Longitudinal Spacing
 - Panel Movement by Chain Drives (3)
 - Downdraft Table



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Panel Line – Grind / Cut / Mark Gantry



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Panel Line – Station 9

Stiffener Fitting

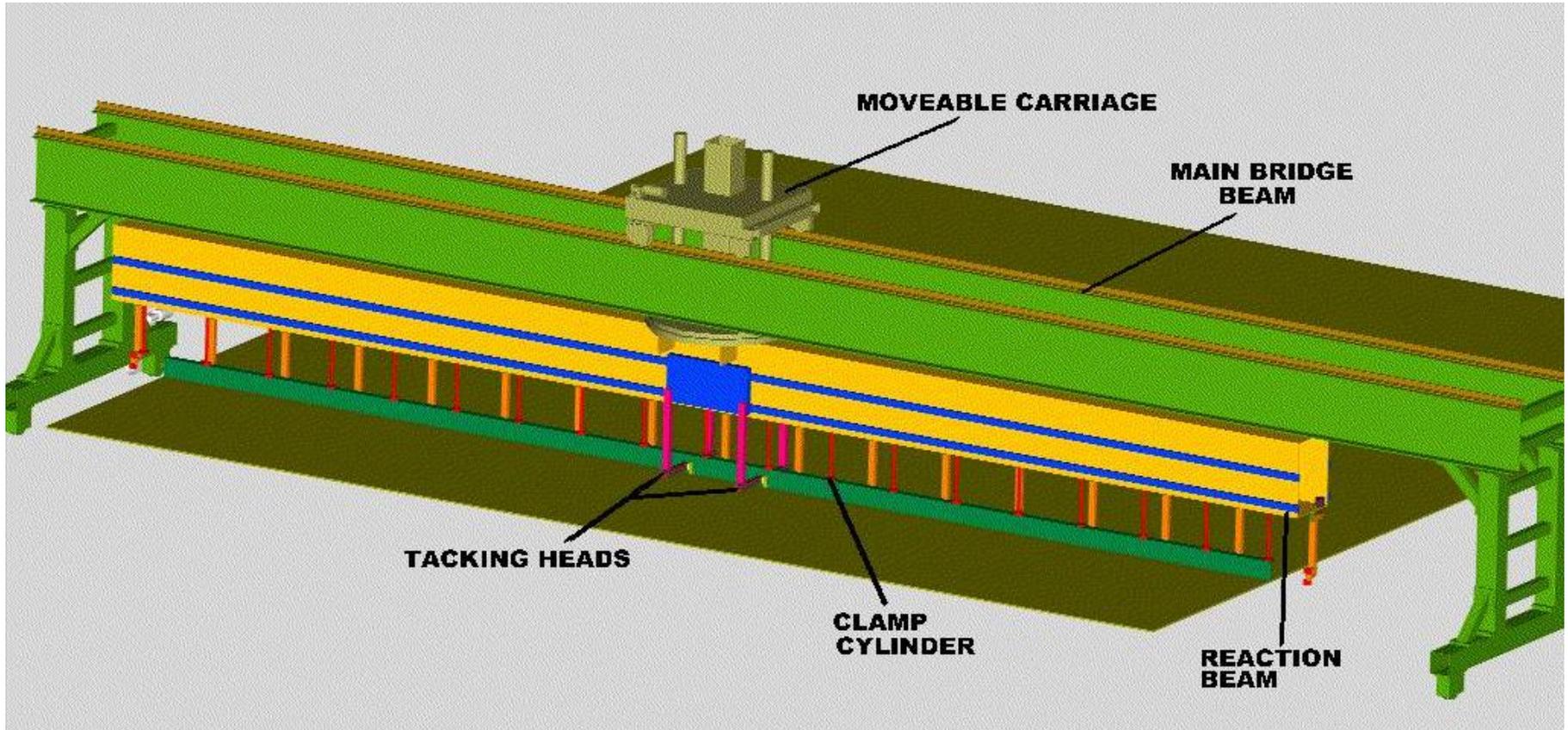
- Stiffener Fitter (7006 E1)
 - Two Component System
 - Stiffener Cart with Automatic Cassette Loading
 - Fitting Gantry
 - Automatic stiffener tacking
 - Heavy duty dual beam structure with moveable carriage
 - Carriage has six GMAW torches for tacking.
 - Stiffener will be held by two rows of adjustable magnets (one pivoting) specifically designed for thin material application.
- Conveyance
 - Panel Support by Lifting Rollers
 - 30” Transverse X 20” Longitudinal Spacing
 - Intermediate Support Beams
 - Panel Movement by Chain Drives (3)
 - Stiffener Cassette Loading by Automatic Transfer Trolley



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Panel Line – Stiffener Fitter



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Panel Line – Station 10 & 11

Stiffener Fillet Welding

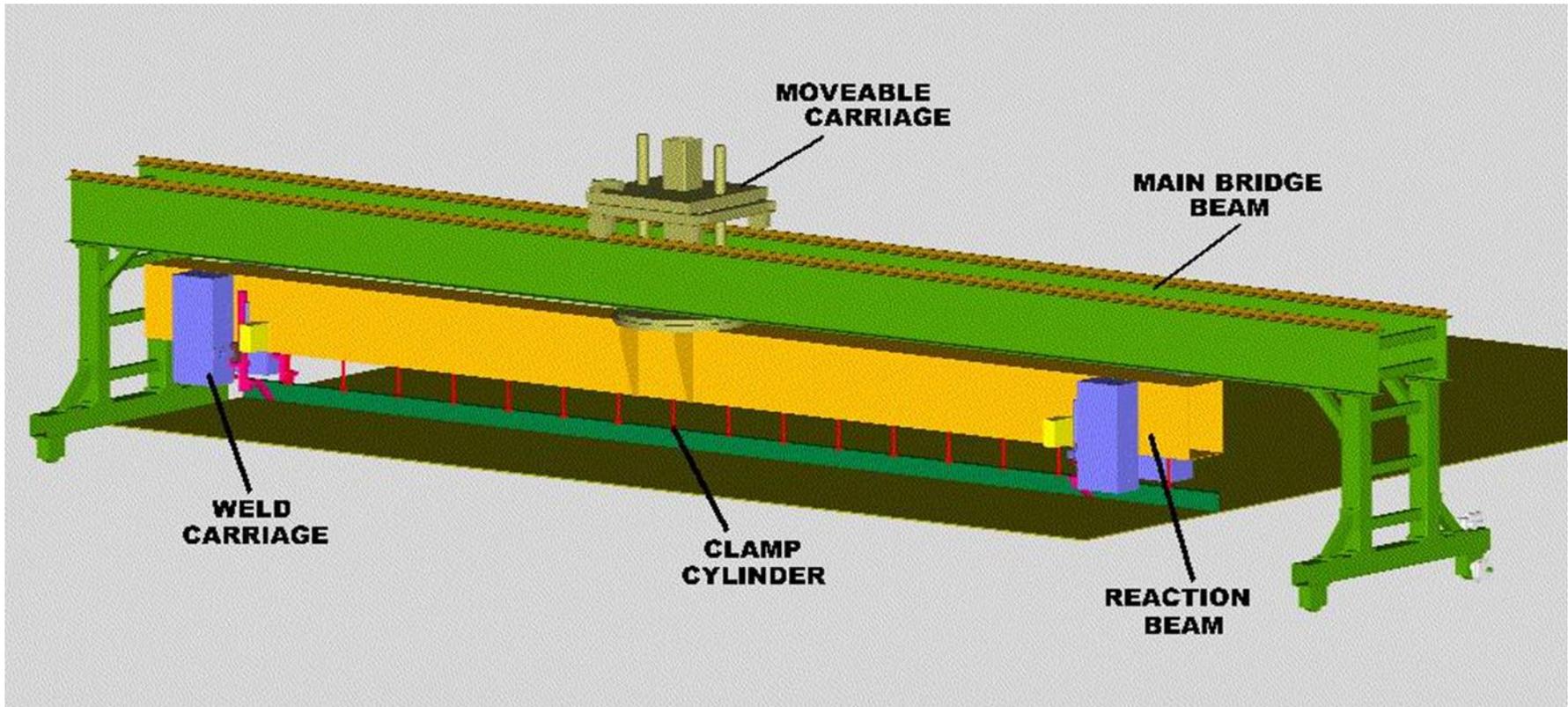
- Stiffener Welder (7006 F-1)
 - Heavy Duty Dual Beam Structure with Moveable Gantry
 - Ability to Vary Weld Sequence
 - 4 Independent Weld Carriages (4 Simultaneous Welds)
 - Ability to Start Weld in Center and Weld Toward the Edge of the Panel
 - Built-In Camber in Table to Provide Panel Arching During Weld
- Conveyance
 - Trains (4) Panel Support by Table Beams / Lifting Rollers
 - Panel Movement by Transport



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Panel Line – Stiffener Fillet Weld Gantry



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Panel Line – Station 12 & 13

Manual Web Fitting

- Transverse webs will be fitted utilizing existing overhead cranes.
- Conveyance
 - Panel Support by Table Beams
 - Panel Movement by Transport Trains (4)



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Panel Line – Station 14, 15, & 16 Web Welding

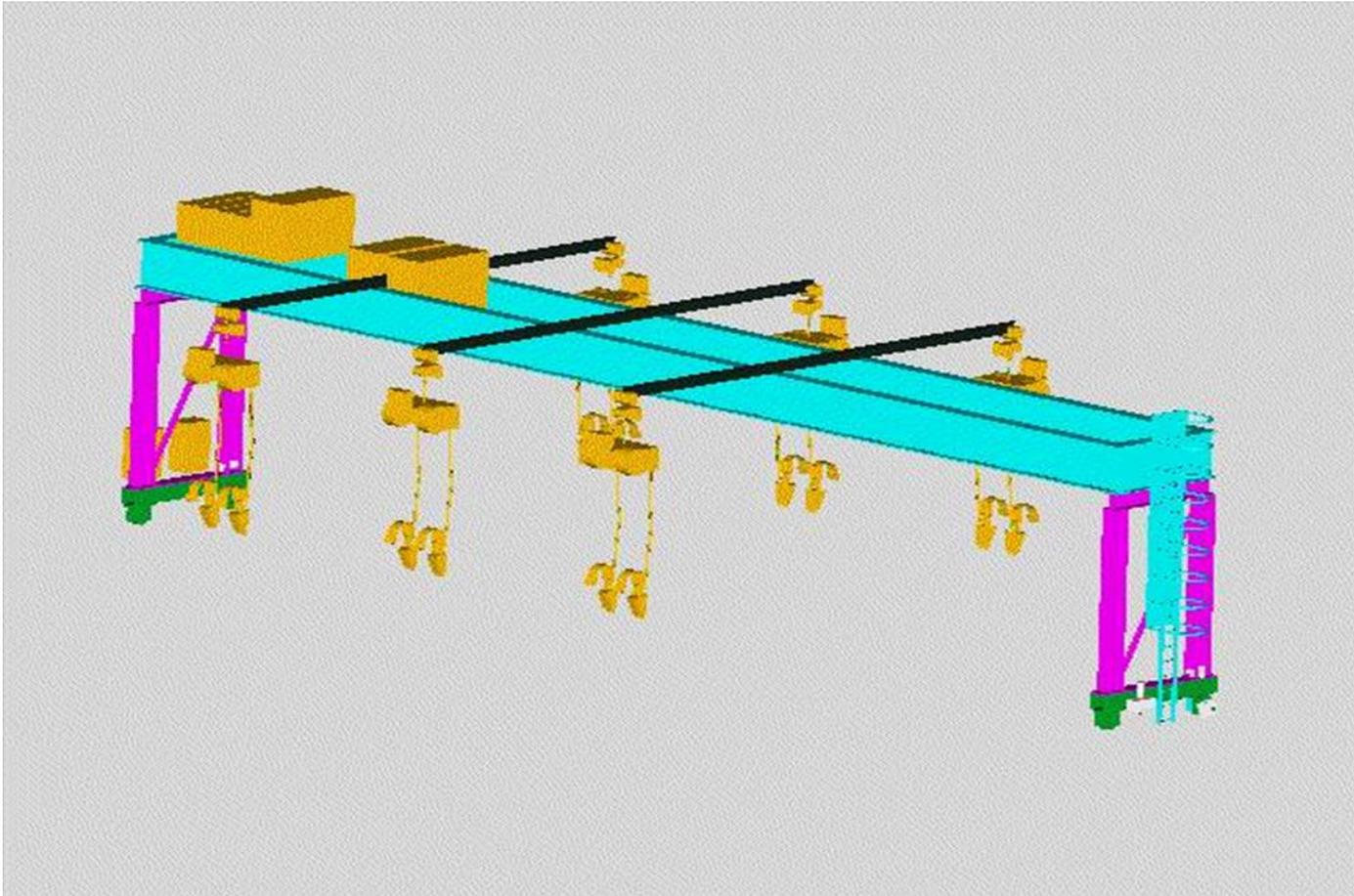
- Web Welding Service Gantry (7006 J-1)
 - Heavy Duty Dual Beam Construction
 - Spans Panel Line
 - Self-Contained
 - Six Independently Controlled GMAW Welding and Cutting Stations
- Conveyance
 - Panel Support by Table Beams
 - Panel Movement by Transport Trains (4)



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Panel Line – Web Welding Service Gantry



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Panel Line - Station 17

Panel Inspection

- No Machines
- Conveyance
 - Panel Support by Table Beams
 - Panel Movement by Transport Trains (4)



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