Specialty Systems

SpecSys

Engineering and Manufacturing

An ISO 9001:2015 Certified Company

Mission Statement:

A full service provider of project management, engineering and manufacturing for fast track projects, systems and products.

Vision Statement:

Embrace those who respect, honor and value relationships.

SpecSys Capabilities

Effective: 9/11/19

SpecSys, Inc.

Montevideo, MN

Granite Falls, MN

New Ulm, MN

Redwood Falls, MN

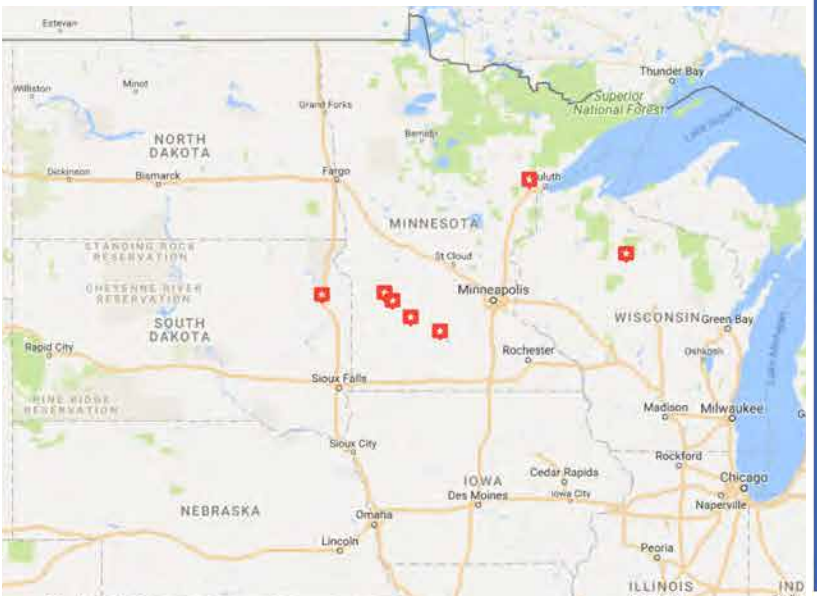
Cloquet, MN

Watertown, SD

Prentice, WI

RITALKA, INC.

Montevideo, MN 121 North 1st Street 56265 PH: (320) 269-3227	**Granite Falls, MN** 1123 Hwy 212 W 56241
New Ulm, MN 2120 Bdwy Street North	**Redwood Falls, MN** 304 Industrial Dr 56283
Cloquet, MN 1111 Cloquet Ave 55720	**Watertown, SD** 600 Quadee Dr 57201
Prentice, WI 474 Birch Street 54556	



SpecSys, Inc.

CAPABILITY STATEMENT

SpecSys provides solutions for large, complex machinery & equipment projects.

CORE COMPETENCIES

Engineering
Exceeding 5,000 hours per month providing Design, Analysis, Systems, Control, Test, and Technical Publications services.

Manufacturing
Exceeding 30,000 hours per month of Machining, Fabrication, Weld, Assembly, Paint and Testing production.

DIFFERENTIATORS

- One source, complete in-house turn key services
- Provider of fast track projects, systems, and products
- Custom services for client's needs
- Flexibility to offer full engineering and/or manufacturing and/or testing service
- Engineering staff includes B.S. Engineers and A.S. Designers
- Facilities, systems and processes allow for multiple projects simultaneously

PAST PERFORMANCE

- Eighteen years of proven solutions for clients
- Large, complex industrial equipment designs and builds
- Commonly add capacity and capability to our customer's portfolios
- Provide services related to Government Contracts as a subcontractor
- Quality assurance driven by Process Assurance Checks (PAC)
- Project library containing info-data for historic reference

DUNS Code: 041666048
CAGE Code: 34PZ9
NAICS Codes:

Section 221: Utilities
- 221122: Electric Power Distribution

Section 332: Fabricated Metal Products Mfg.
- 332312: Fabricated Structural Metal Mfg.
- 332313: Plate Work Mfg.
- 332322: Sheet Metal Work Mfg.
- 332420: Metal Tank (Heavy Gauge) Mfg.
- 332439: Other Metal Container Mfg.
- 332710: Machine Shops Mfg.
- 332721: Precision Turned Production Mfg.
- 332999: All Other Misc. Fab Metal Product Mfg.

Section 333: Machinery Mfg.
- 333111: Farm Mach. Mfg.
- 333120: Construction Mach. & Equip. Mfg.
- 333131: Mining Mach. & Equip. Mfg.
- 333132: Oil & Gas Field Mach. & Equip. Mfg.
- 333519: Rolling Mill & Other Metalworking Equip. Mfg.
- 333911: Pump & Pumping Equip. Mfg.
- 333922: Welding & Soldering Equip. Mfg.
- 333924: Industrial Truck, Tractor, Trailer & Stacker Mach. & Equip. Mfg.
- 333999: All Other Misc. General Purpose Mach. Mfg.

Section 336: Transportation Equip. Mfg.
- 336112: Light Truck & Utility Vehicle Mfg.
- 336212: Truck Trailer Mfg.
- 336510: Railroad Rolling Stock Mfg.
- 336992: Military Armored Vehicle, Tank and Tank Component Mfg.
- 336999: All other Transportation Equip. Mfg.

Section 541: Professional, Scientific & Technical
- 541330: Engineering Services
- 541340: Drafting Services
- 541380: Testing Laboratories
- 541712: R&D in the Physical, Engineering, & Life Science

Section 811: Repair & Maintenance
- 811310: Commercial & Industrial Mach. & Equip.

Qualifications/Awards

- ISO 9001:2015 Certified Company
- AWS Certified Weld Inspector on Staff
- 2005 SW MN Entrepreneurial Business of the Year
- Governor's Certificate of Commendation

We don't just say we can do it, We have done it!

SpecSys, Inc.

Clientele

Use of Logo does not infer partnership

FLUID
CRANE & CONSTRUCTION INC.
McELROY
LeeBoy
FIMCO
INDUSTRIES
Tiger
FRANK'S
INTERNATIONAL
Concrete
Mixing Equipment
Zimmerman
Industries, Inc.
CAVOTEC
Despatch
Thermal Processing Technology
SUPERIOR
1964
Good
Earth
Tools
CAMERON
Holland
P&H
ASTEC
UNDERGROUND
TEREX
RAVEN
CDE
CANRIG
DRILLING TECHNOLOGY LTD.
ALAMO
INDUSTRIAL
TERRASONIC
INTERNATIONAL
LEEC MOORE
HERZOG
TENNANT
TESMEC
Ditch
Witch
Altec
nwa
NORTHWEST AIRLINES
Nordco
RJ Corman
Railroad Company
GEHL
G&Z
marcus
construction
HARSCO
RAIL
INTEGRAL
OILFIELD SOLUTIONS
Manitowoc
Great Plains
LORAM
HAGIE
ag-chem
metso
STEWART & STEVENSON
WORTHINGTON
INDUSTRIES
HALLIBURTON
SpecSys, Inc.
Clientele
Use of Logo does
not infer partnership

Granite Falls

	Granite Falls	
Fabrication	**Description**	**Specification**
High Definition Plasma/Torch Table	MultiCAM Hi Def Plasma	8' X 20' Table, Hypertherm HPR260
Press Brake	Cincinatti	230 T, 12' Bed
Saw	HYD-MECH	12" capacity
Saw	Marvel	14" capacity
Saw	HEM	18" capacity
Iron Worker	UNI-HYDRO	50 Ton
Machining		
Lathe	Mazak	3" Bar Feed, 10" Max OD
Lathe	Lansing (Manual)	24" Max OD
Mill	Summit	Horizontal drill/bore
Mill	Leadwell	20"x40" bed
Mill	LeBlond Makino	20"x40" bed
Mill	MSC - Knee Mill	16" capacity
Drill	Jet - Drill Press	16" capacity
Drill	Carlton - Radial Arm	3' Arm, 11" Col, 16" capacity
Drill	Carlton - Radial Arm	3' Arm, 9" Col, 16" capacity
Gantry Mill	Titan - Twin Gantry Mill	16' x 9'10" Bed
Weld		
Positioner	Aronson	20K lbs Rotational Torque
Buggo/Trackless	Bug-o System 3000	35 IPM
Buggo/Track	Bug-o System 1100	72 IPM
Fume/Dust Collector	MicroAir	MC850
Gas Metal Arc Welding (GMAW)	Miller, Lincoln	37/450A - .035 thru .062 wire
Gas Tungten Arc Welding (GTAW)	Miller, Lincoln	40A
Shielded Metal Arc Welding (SMAW)	Miller, Lincoln	37V
Prep/Paint		
Media Blast	Custom Booth - Red Garnet media	45'x32', 10 Ton Pot, 750 CFM
Spray Booth	Binks	30'x16'x14'
Spray Booth	DeVilbiss	25'x14'x9'
Spray Booth	Binks	46'x18'x14'
Electrostatic Paint	Graco	85KV Low Pressure
Assembly		
Hand Tool/Tool Board		
Hydraulic Hose Fabrication/Test Station	Parker, Gates, Aeroquip crimpers	4 Micron Oil Filtration. Tube bending/flaring
Pneumatic Assembly		
Mechanical Assembly		
Electrical Assembly		
Material Handling		
Fork Truck, Various	CAT, Komatsu, Hyster, Clark	4,000 LBS - 8,000 LBS
Fork Truck	Taylor	40,000 lbs capacity
Overhead Hoist, Bay 1 East	P&H	20 Ton, 12'3" under hook
Overhead Hoist, Bay 1 East	P&H	15 Ton, 12'3" under hook
Overhead Hoist, Bay 1 West	P&H	5 Ton, 18'6" under hook
Overhead Hoist, Bay 1 West	Shaw Box E	15 Ton, 18'6" under hook

Key Employees

Plant Manager: Tad Tanhoff

Electrical Assembly Lead: Dave Trost

Fabrication/Machining Lead: Dave Harper

Paint Lead: Brent Marty

Shipping/Receiving Lead: Derek Rand

Weld Lead: Paul Beermann

Terry Sannerud

Granite Falls

Granite Falls

Fabrication

Plasma Table

- Alltra XPR300
  Model—HG30-11SDTR
- 280” x 120” sheet capacity

Fabrication

Granite Falls

Press Brake

- Cincinatti
- 230 Ton
- 12’ Bed

Granite Falls

Fabrication

Band Saw

- HYD-MECH, Marvel, HEM
- 12”, 14”, 18” capacity

Fabrication

Granite Falls

Granite Falls

Machining

Lathe

- Lansing - 24” Max OD
- Mazak - 3’ Bar Feed, 10” Max OD

Machining

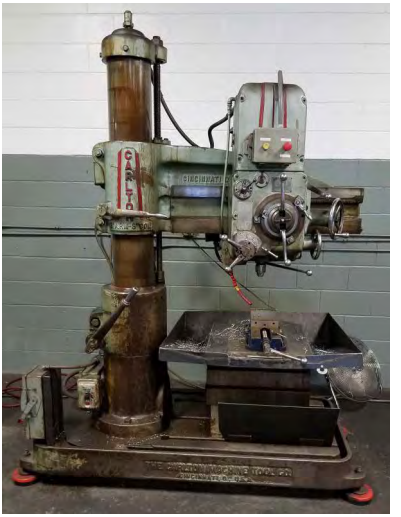
Mill

- Summit, Leadwell, LeBlond Makino, MSC-Knee Mill
- 20” x 40” Bed
- 16” Capacity

Granite Falls

Granite Falls

Machining



Drill

- Jet - Drill Press - 16” Capacity
- Carlton - Radial Arm– 3’ Arm, 11” Col, 16” Cap
- Carlton - Radial Arm- 3’ Arm, 9” Col, 16” Cap

Machining

Gantry Mill

- Titan
- 16’ x 9’10” Bed

Granite Falls

Granite Falls

Weld

Positioner

- Aronson
- 20K lbs Rotational Torque

Weld

Weld Fixture

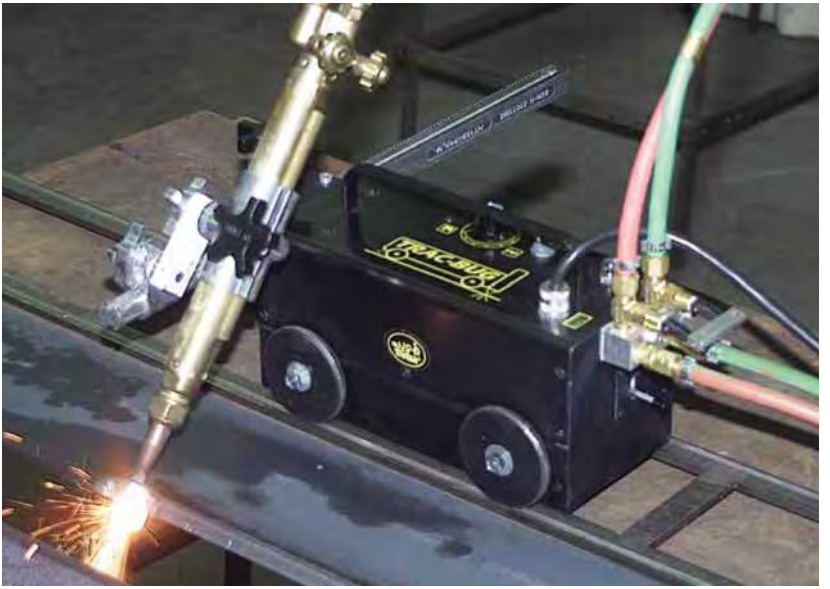
&

Beds

Granite Falls

Granite Falls

Weld



Buggo
Track
Welding

Weld

Granite Falls

Granite Falls

Weld

Paint

Media Blast

- Red Garnet Media - Custom booth
- 45’ x 32’, 10 Ton Pot, 750 CFM

Granite Falls

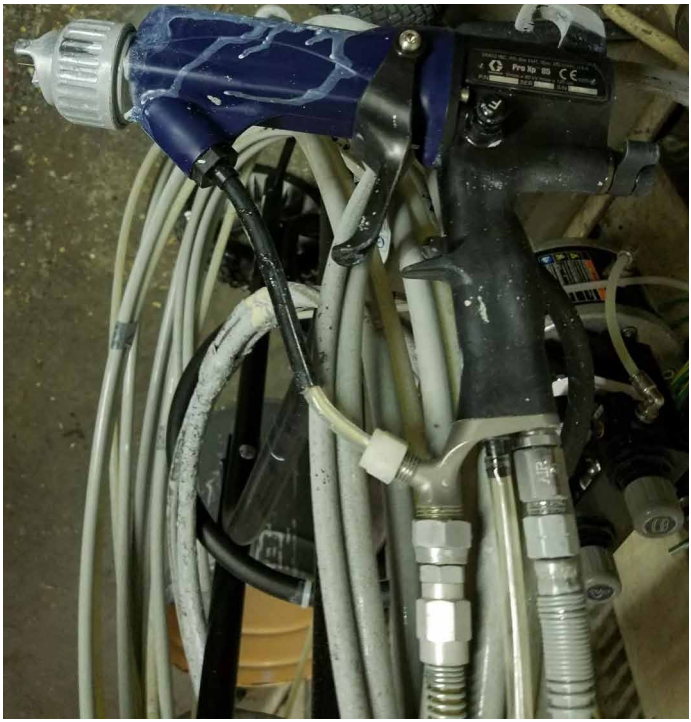
Granite Falls

Paint

Spray Booths

- Binks - 30’ x 16’ x 14’ and 83’ x 18’ x 14’
- DeVilbiss - 25’ x 14’ x 9’

Paint



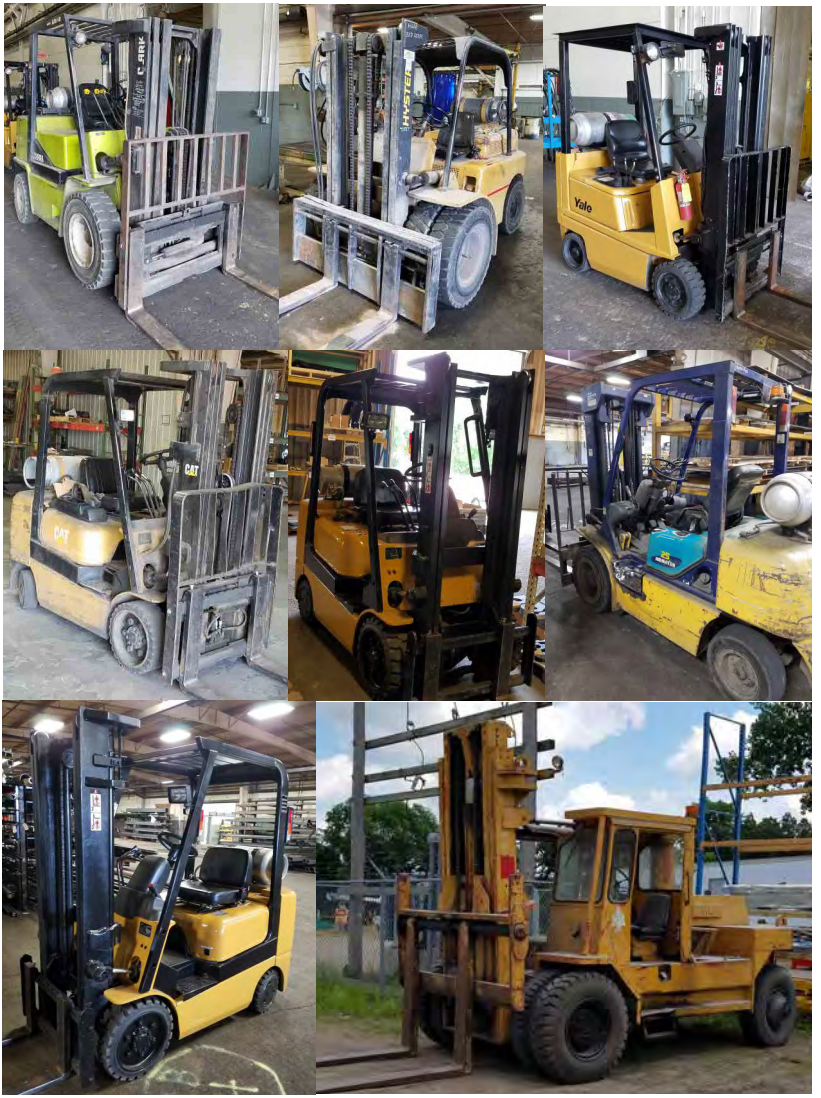
Granite Falls

Electrostatic Paint

- Grayco
- 85KV Low Pressure

Granite Falls

Material Handling



Fork Truck

- Clark, Hyster, Yale, CAT, Komatsu: 4,000LBS - 8,000LBS
- Taylor - 40,000LBS

Material Handling

Overhead Hoist

- P&H - 20 Ton, 12’3” Under Hook
- P&H - 15 Ton, 12’3” Under Hook
- P&H - 5 Ton, 18’6” Under Hook
- Shaw Box E - 15 Ton, 18’6” Under Hook

Granite Falls

Granite Falls

Material Handling

Marine Lift

- Marine Travelift
- 50,000LBS capacity

	New Ulm	
Fabrication	**Description**	**Specification**
High Definition Plasma/Torch Table	ALLtra PG14-12	24' X 12' Table
Press Brake	HTC 150 Ton Press	
Saw	Northern Industrial BS-916E	
Saw	HYD-MECH S-20 Series III	
Tube Bender	Hand Bender	
Sheet Roller	WALDEMAR B-5-60	
Iron Worker	Uni-Hydro 42 Ton	
Pipe Threader	Ridgid 535	15amp/36rpm
Hand Plasma	Victor- 102 Cutmaster	
Machining		
Drill	Bridgeport F-362-00187	
Radial Drill	G.S.P 44K14	
Surface Grinder	Kalamazoo Industries	
Weld		
Positioner	PANDJIRIS HTS-120	
Fixture Table		
Buggo/Track		
Fume/Dust Collector	A.C.T. - 3-24	
Shielded Metal Arc Welding (SMAW)	Miller, Lincoln	300 AMP, 350 AMP
Prep/Paint		
Media Blast	Coal Slag	
Spray Booth	**Brand**- ex. Binks	
Inspection		
FARO Arm	FARO Arm Edge	CAM 2 Measure v10.4
Assembly		
Hand Tool/Tool Board		
Hydraulic Hose Fabrication/Test Station		
Pneumatic Assembly		
Mechanical Assembly		
Electrical Assembly		
Material Handling		
Fork Truck, Various	Kamatsu 25	Model FG25T-14 9050 lbs.
Fork Truck, Large	Kamatsu 25	Model FG25T-14 9050 lbs.
Overhead Hoist	Orley Meyer Ind.	20 Ton, 17'-6" Under Hook Height
Overhead Hoist	Uesco Industries	10 Ton, 17'-6" Under Hook Height
Overhead Hoist	Uesco Industries	7.5 Ton, 18' Under Hook Height
Overhead Hoists (2)	MBC Crane and Conveyor Group	
Overhead Hoists (5)	Uesco Industries	1 Ton, 12' Under Hook Height
Truck/Trailer	Volvo/Utility	48' Flatbed Trailer

New Ulm

New Ulm

Key Employees

Plant Manager: Andy Robinson

Electrical Assembly Lead: Doug Schrader & Eric Besco

Fabrication/Machining/Shipping Lead: Brian Kelly

Paint Lead: Henry Larson

Weld Lead: Nick Hurd

Fabrication

Hypertherm Plasma Cutter

- ALLtra
- 24’ x 12’

New Ulm

New Ulm

Fabrication

Press Brake

- CNC Controlled
- Hydraulic
- 150 Ton

Fabrication

Band Saw

- Northern Industrial
- HYD-MECH

New Ulm

New Ulm

Fabrication

Tube Bender

Fabrication

New Ulm

Sheet Roller

- WALDEMAR

New Ulm

Fabrication

Fabrication

New Ulm

New Ulm

Machining

Drill

- Bridgeport
- G.S.P

Machining

New Ulm

Surface Grinder

- Kalamazoo Industries

New Ulm

Weld

Positioner

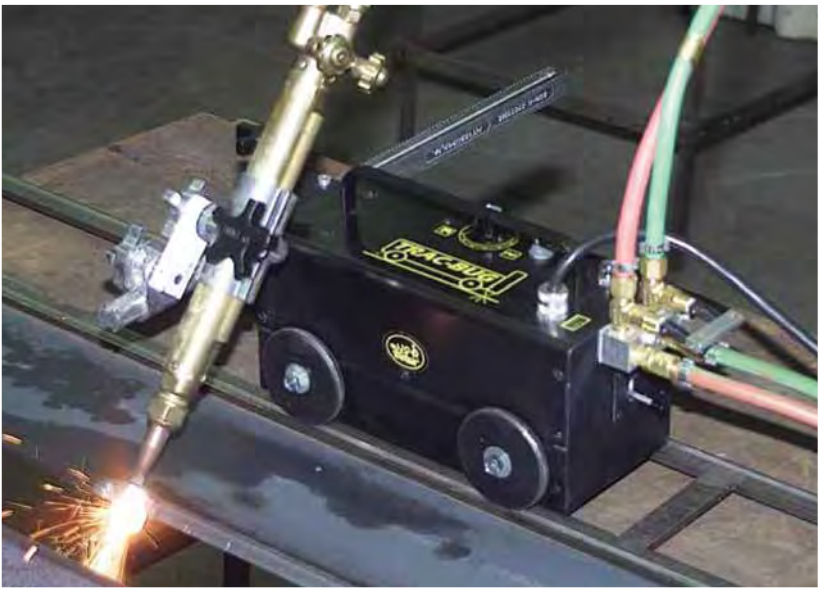
- PANDJIRIS

Weld

New Ulm

New Ulm

Weld



Weld

POWER WAVE
i2
LINCOLN ELECTRIC

Miller
7

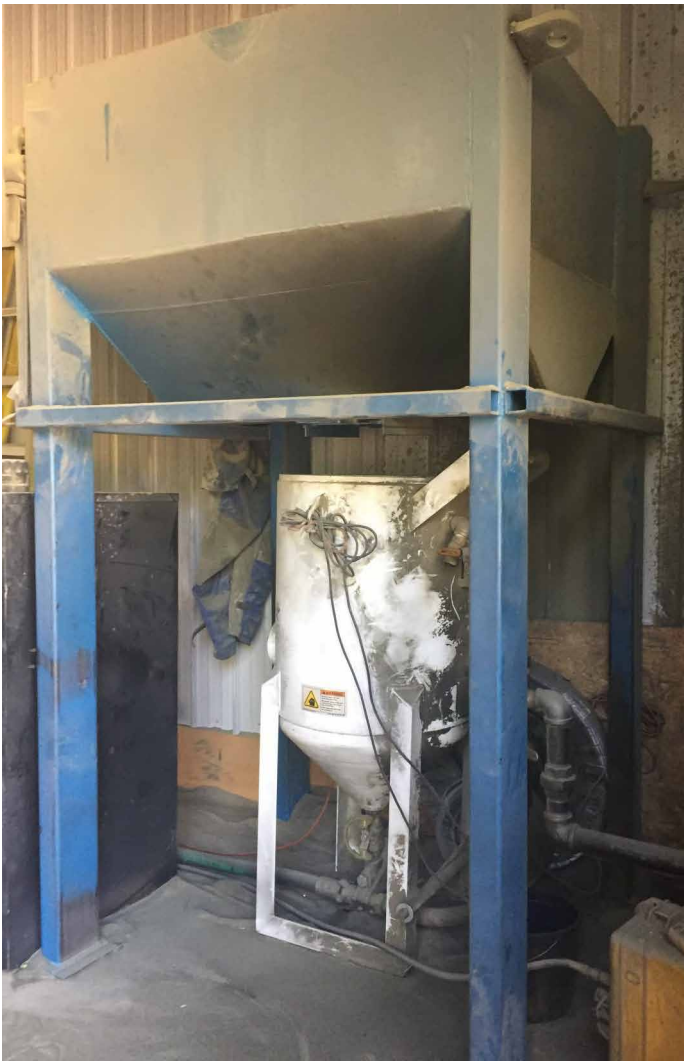
POWER WAVE
LINCOLN ELECTRIC

Miller
CP300

New Ulm

New Ulm

Paint



Media Blast

- Coal Slag

Paint

Spray Booth : Backdraft booth 18 x 15 x 32

New Ulm

New Ulm

Inspection

FARO Arm

- FARO Arm Edge
- CAM2 Measure v10.4

Material Handling

Fork Truck

- Komatsu
- 9,050LBS

New Ulm

New Ulm

Material Handling

Overhead Hoist

- Orley Meyer Industries - 20 Ton, 17’6” Under Hook
- Uesco Industries - 10 Ton, 17’6” Under Hook
- Uesco Industries - 7.5 Ton, 18’ Under Hook
- MBC Crane & Conveyor Group (2) -
- Uesco Industries (5) - 1 Ton, 12’ Under Hook

Material Handling

New Ulm

Truck/Trailer

- Volvo
- 48’ Flatbed Trailer

Prentice

	Prentice	
Fabrication	**Description**	**Specification**
High Definition Plasma/Torch Table	Messer	10' x 46' table
Laser	Mazak	5' x 10' table
Press Brake	Pullmax	275 Ton, 12' Bed
Press Brake	Pullmax	440 Ton, 15' Bed
Press Brake	AccuPress	175 Ton, 12' Bed
Saw	Kasto	12" capacity
Saw	Marvel	14" capacity
Saw	FMB	10" x 14" capacity
Pipe Threader	Oster	2" capacity
Machining		
Lathe	Daimichi	3.5 thru hole 15.5" chuck 3 axis
Lathe	LeBlond	24" x 144" capacity
Mill	Giddings & Lewis	Horizontal - 49" x 49" capacity
Mill	Mazak	Horizontal - 25" x 25" capacity
Mill	Mazak	Vertical - 20" x 57" capacity
Mill	Mitsubishi	Boring Mill - 50" x 50" capacity
Mill	SNK	Vertical - 120" x 240" capacity
Mill	Toshiba	Boring Mill - 72" x 84" capacity
Mill	YCI Supermax	Vertical - 17" x 33"
Drill	Ikeda - Radial Arm	4' Arm, 10" Col, 20" x 24" Table
Drill	Ooya - Radial Arm	6' Arm, 19" Col, 45" x 60" Table
Drill	Buffalo	Press
Drill	SDX Power Team Press	100 Ton
Surface Grinder	K.O. Lee	6" x 27" bed
Weld		
Positioner	Aronson	
Positioner	Headstall	
Positioner	Prentice	
Positioner	Worthington	12.5" Spread
Positioner	Various	
Fixture Table	Various	
Fume/Dust Collector	Messer	
Fume/Dust Collector	Plymovent	
Fume/Dust Collector	Clemco	
Fume/Dust Collector	Amtech	Baghouse, 40HP
Fume/Dust Collector	AER	Filtration units, air, ceiling mount
Robot 1	Fanuc Robot Welder	6-Axis Model, Fanuc R-30iA interface control
Robot 2	Fanuc Robot Welder	6-Axis Model, Fanuc R-J3iB interface control
Gas Metal Arc Welding (GMAW)	Miller, Lincoln	
Prep/Paint		
Media Blast	Clemco	21'x12'x12' high 120psi
Degrease/Wash Bay		8' x 12' Bay
Spray Booth	Col-Met	30'x16'x12' high
Curing Oven	Col-Met	27'x16'x12' high
Inspection		
FARO Laser	FARO Ion Laser	Cam2Q software measures to 180'
Assembly		
Hand Tool/Tool Board		
Hydraulic Hose Fabrication/Test Station		
Pneumatic Assembly		
Mechanical Assembly		
Electrical Assembly		
Material Handling		
Fork Truck	CAT	4750lbs
Fork Truck	Hyster	4250lbs
Fork Truck	Yale	4650lbs
Fork Truck, Large	Komatsu	7000lbs
Fork Truck, Various	BARRETT, Nissan, Allis Chalmers	
Payloader	Case, CAT	Case - 48hp, CAT - 149hp 3 yd Bucket
Overhead Hoist	Contex	2 Ton 10' Under Hook
Overhead Hoist (75)	Harrington	1 Ton 10' Under Hook
Overhead Hoist (80)	Harrington	2 Ton 10' Under Hook
Overhead Hoist	Industrial	5 Ton 17' Under Hook
Overhead Hoist	Robbins & Meyers	10 Ton 20' Under Hook
Overhead Hoist (4)	Schuette Crane	10 Ton
Overhead Hoist (5)	Seco	20 Ton
Overhead Hoist	Seco	50 Ton
Overhead Hoist	Shaw-Box	5 Ton
Overhead Hoist	Spanco	2 Ton 12' Under Hook
Overhead Hoist	Wright	5 Ton 10' Under Hook
Overhead Hoist	Wright	10 Ton
Truck/Trailer	Kodiak Chevy	25' Flatbed
Marine Lift	Marine Travelift	50,000 lb capacity

Prentice

Key Employees

Plant Manager: Kenneth Kempf

Assembly Lead: Shawn Shaver

Electrical Assembly Lead: Shawn Shaver

Fabrication Lead: Jason Craig

Machining Lead: John Wieland

Paint Lead: Jeffrey Graumann

Shipping Lead: Catherine Luzar

Weld Lead: Mike Gasser, Don Marten, Travis Eisner

Prentice

Fabrication

High Definition Plasma

- Messer
- 10’ x 46’ Bed
- 1.5” thick Plasma

Fabrication

Laser

- Mazak
- 5’ x 10’ Table
- Cuts 5/8” Steel

Prentice

Prentice

Fabrication

Press Brake

- Pullmax
- 12’ Bed
- 275 Ton

Press Brake

- Pullmax
- 15’ Bed
- 440 Ton

Fabrication

Press Brake

- AccurPress
- 12’ Bed
- 175 Ton

Prentice

Prentice

Fabrication

Band Saw

- Kasto - 12” Capacity
- Marvel - 14” Capacity
- FMB - 10” x 14” Capacity

Fabrication

Prentice

Pipe Threader

- Oster
- 2” Capacity

Prentice

Machining

Lathe

- Dainichi - 3.5 through hole
  15.5” chuck 3 axis
- LeBlond - 24” x 144” Capcity

Machining

Prentice

Mill

- Giddings & Lewis - Horizontal 49” x 49”
- Mazak - Horizontal 25” x 25”
- Mazak - Vertical 20” x 57”
- Mitsubishi - Boring Mill 50” x 50”
- SNK - Vertical 20” x 57”
- Toshiba - Boring Mill 50” x 50”
- YCI Supermax - Vertical 120” x 240”

Prentice

Machining

Drill

- Ikeda - Radial 4’ Arm, 10” Col, 20” x 24” Table
- Ooya - Radial 6’ Arm, 19” Col, 45” x 60” Table
- Buffalo - Press
- SDX - Press 100 Ton

Machining

Prentice

Surface Grinder

- K.O. Lee
- 6” x 27” Bed

Weld

Positioner

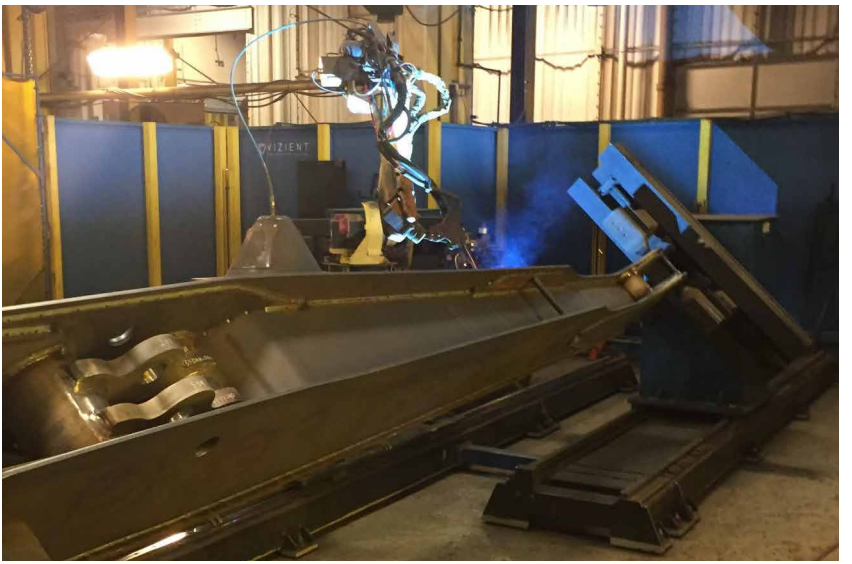
- Aronson, Headstall, Prentice, Worthington

Weld

Prentice

Prentice

Weld



Large Robotic Welder

- Fanuc
- 6 - Axis Model

Weld

Small Robotic Welder

- Fanuc
- 6 - Axis Model

Prentice

Prentice

Weld

Weld

Prentice

Paint

Media Blast

- Clemco
- 21’ x 12’ x 12’
- 120 psi

Paint

Prentice

Paint

Spray Booth

- Col-Met
- 60’ x 16’ x 12’

Paint

Curing Oven

- Col-Met
- 27’ x 16’ x 12’

Prentice

Prentice

Inspection

FARO Laser

- Ion Laser
- Cam2Q Software
- Measures to 180’

Inspection

Fork Truck

- CAT - 4750LBS
- Hyster - 4250LBS
- Yale - 4650LBS
- Komatsu - 7000LBS
- BARRETT, Nissan, Allis Chalmers

Prentice

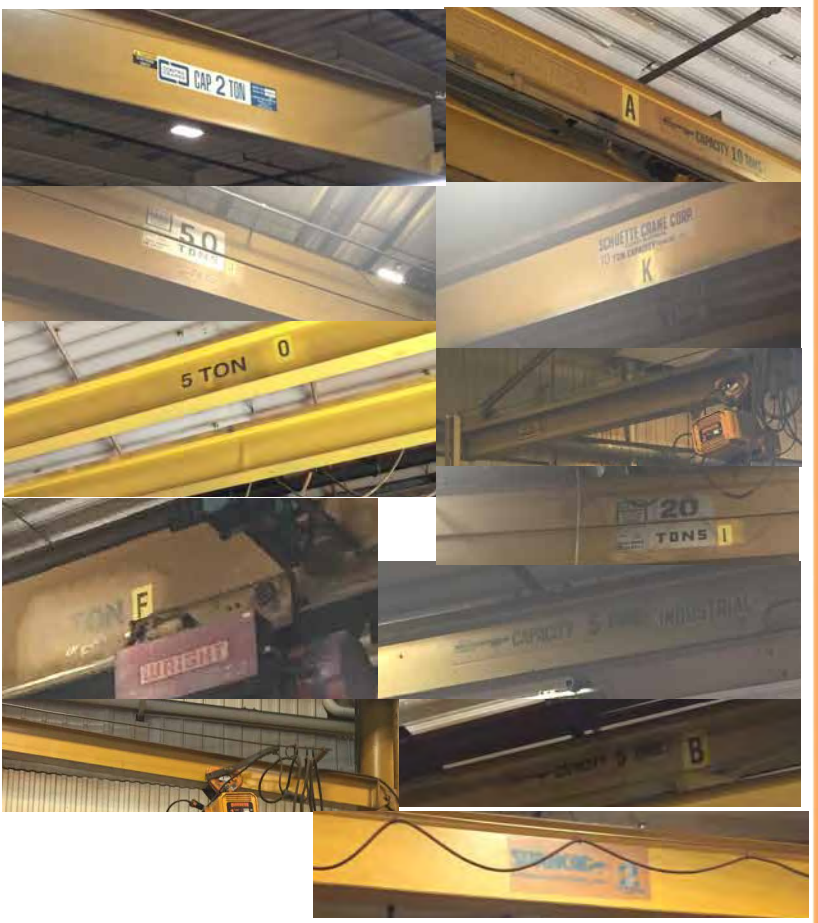
Prentice

Material Handling

Payloader

- Case - 48hp
- CAT - 149hp 3yd Bucket

Material Handling



Overhead Hoist

- Contrx - 2 Ton 10’ Under Hook
- Harrington - 1 Ton, 2 Ton, 10’ Under Hook
- Industrial - 5 Ton 17’ Under Hook
- Robbins & Meyers - 10 Ton 20’ Under Hook
- Schuette Crane - 10 Ton
- Seco - 20 Ton, 50 Ton
- Shaw-Box - 5 Ton
- Spanco - 2 Ton 12’ Under Hook
- Wright - 2 Ton, 5 Ton, 10’ Under Hook

Prentice

Prentice

Material Handling

Truck/Trailer

- Kodiak Chevy
- 25’ Flatbed

	Watertown	
Fabrication	**Description**	**Specification**
Laser	Mitsubishi 2512LZP	48' X 96' Table
Saw	Marvel	14" x 20" Capacity
Saw	Northern Industrial BS-916E	
Saw	Ellis	12" x 12" Capacity
Tube Bender	Wallace	
Hand Plasma	Lincoln Ideal Arc DC-60	
Hand Plasma	Sunbelt Arc-1200	
Machining		
Lathe	Mazak CNC 2 Axis	3" Hole Thru Spindle 10" Max OD
Lathe	Clausing Manual	10" Max OD
Mill	Femtec VMC	Table 25 X 75 36" Throat
Mill	Fadal VMC	Table 40 X 20
Mill	G & L Horizontal	Table 48 X 96
Mill	Bridgeport Series II	Table 11 X 58
Mill	Bridgeport Series J Head	Table 9 X 36
Mill	Hitachi Horizontal	Table 12 X 53
Drill	Carlton Radial Arm	
Drill	Rexon Drill Press	3/4 HP
Surface Grinder	Kalamazoo Industries	
Hydraulic Press		
Weld		
Positioner	Aronson, Lindon	
Fixture Table		
Fume/Dust Collector	Plymovent	
Gas Metal Arc Welding (GMAW)	Millers & Lincolns	18 Total .035 & .045
Prep/Paint		
Media Blast	Slag 40/80	
Sand Blaster	Schmidt Mawp 150PSI	
Degrease/Wash	Purple Power 55	
Spray Booth	Binks	49' X 14'
Spray Booth	Unknown	26' X 14'
Inspection		
Hydraulic Test Stand		
Assembly		
Hand Tool/Tool Board		
Hydraulic Hose Fabrication/Test Station		
Pneumatic Assembly		
Mechanical Assembly		
Electrical Assembly		
Material Handling		
Fork Truck, Various	Clark & Mitubishi	4,000 LBS - 6,000 LBS
Fork Truck, Large	Taylor	20,000 LBS
Rough Terrain Shooting Boom	Terex	
Weld Bay	Dayton Jib Hoist	2 @ 500LBS. / 2 @ 800LBS.
Weld Bay Bridge	Robins Meyers	3 Ton
Weld Bay Bridge	Spacemaster	3 Ton
Weld Bay	Yale Jib Hoist	1000LBS
Paint Area	Coffing Jib Hoist	2 Ton
Assembly Bay Bridge	Metrolift	5 Ton
Assembly Bay Bridge	Wright	10 Ton
Assembly Bay	Dayton Jib Hoist	800LBS.
Assembly Bay	Optimus Jib Hoist	1 Ton
High Bay	Milwaukee	30 Ton
Truck/Trailer	Volvo	48' Flatbed Trailer

Watertown

Watertown

Key Employees

Plant Manager: Jesse Prekker

Assembly Lead: Chris Paulson

Electrical Assembly Lead: Chris Paulson

Fabrication Lead:

Machinist Lead:

Paint Lead: Chris Paulson

Weld Lead: Ryan Boehm

Fabrication

Watertown

Laser

- Mitsubishi
- 48’ x 96’ Table

Watertown

Fabrication

Band Saw

- Marvel - 14” x 20”
- Ellis - 12” x 12”

Fabrication

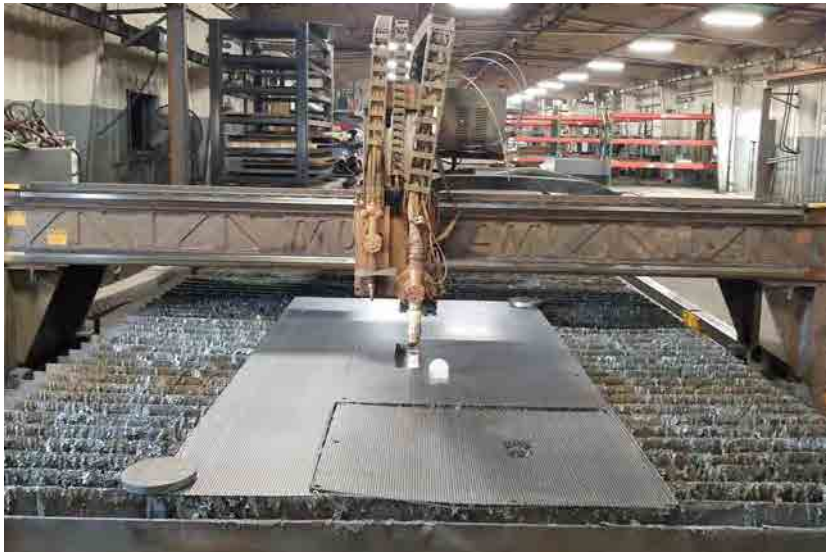
Watertown

Tube Bender

- Wallace

Watertown

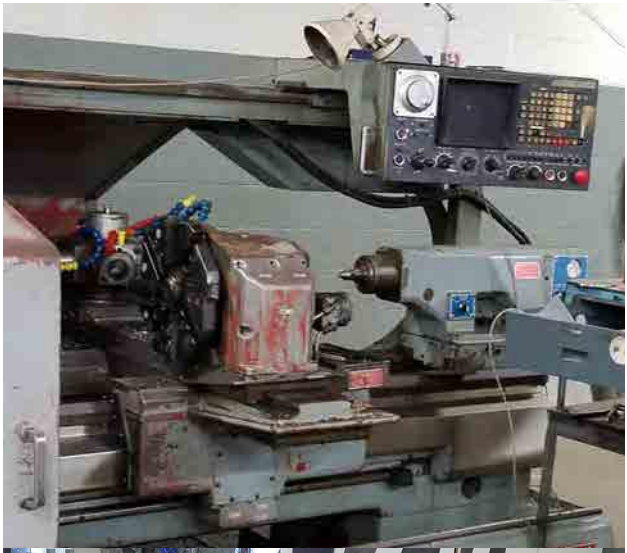
Fabrication



High Definition Plasma

- MultiCAM Hi Def Plasma
- 8’ x 20’
- Hypertherm HPR260

Machining



Lathe

- Mazak CNC - 3” Hole Through Spindle, 10” Max OD
- Clausing Manual - 10” Max OD

Watertown

Watertown

Machining

Mill

- Femtec - 25” x 75” Table
- Fadal - 40” x 20” Table
- G&L - Horizontal 48” x 96” Table
- Bridgeport Series II - 11” x 58” Table
- Bridgeport Series J Head - 9” x 36” Table
- Hitachi - Horizontal 12” x 53” Table

Machining

Drill

- Carlton - Radial Arm
- Rexon - Drill Press, 3/4hp

Watertown

Watertown

Machining

Hydraulic Press

Weld

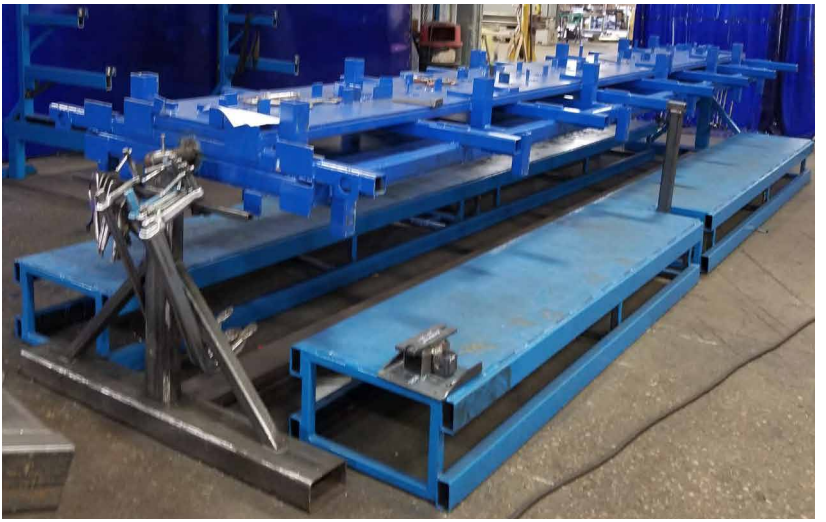
Weld Positioner

- Aronson
- Lindon

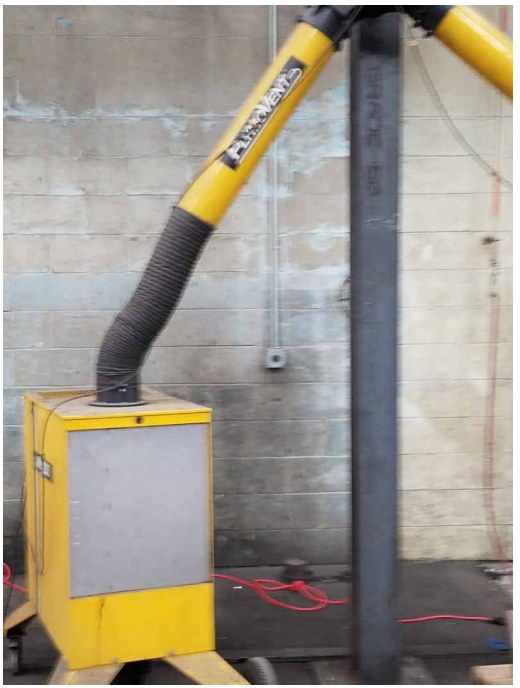
Watertown

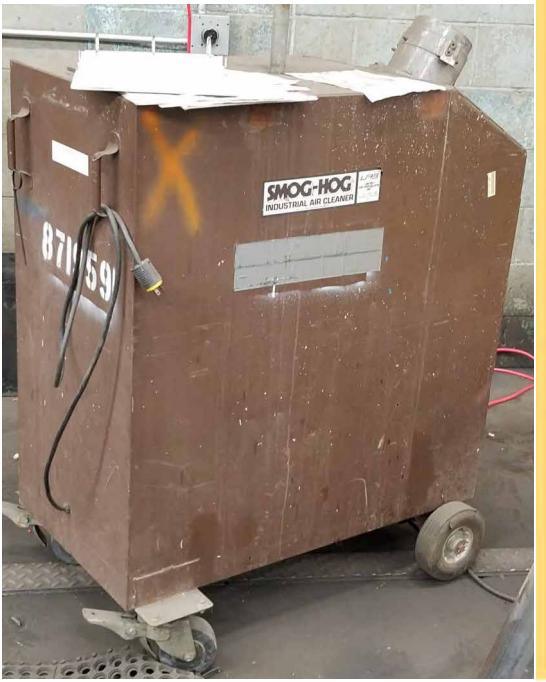
Watertown

Weld



Weld





Watertown

Weld

Watertown

Paint

Watertown

Media Blast

- Coal Slag

Watertown

Paint

Spray Booth

- Large - Binks, 49’ x 14’
- Small - 26’ x 14’

Inspection

Hydraulic Test Stand

Watertown

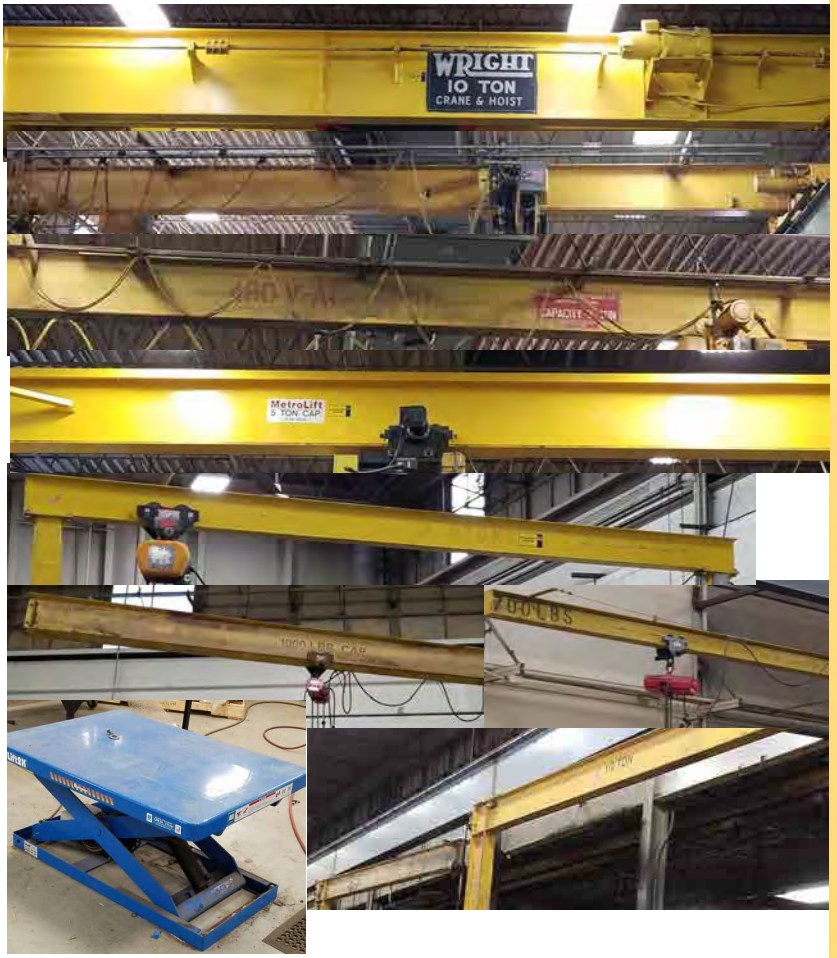
Watertown

Material Handling

Fork Truck

- Clark & Mitsubishi - 4,000LBS-6,000LBS
- Taylor - 20,000LBS

Material Handling



Overhead Hoists

- Dayton Jib Hoist - 500LBS, 800LBS
- Robins Meyers - 3 Ton
- Spacemaster - 3 Ton
- Yale Jib Hoist - 1000LBS
- Coffing Jib Hoist - 2 Ton
- Metrolift - 5 Ton
- Wright - 10 Ton
- Optimus Jib Hoist - 1 Ton
- Milwaukee - 30 Ton

Watertown

Material Handling

Watertown

Rough Terrain Shooting Boom

- Terex

Material Handling

Truck/Trailer

- Volvo
- 48’ Flatbed Trailer

Watertown

SpecSys, Inc.

Assembly

Hand Tool/Tool Board

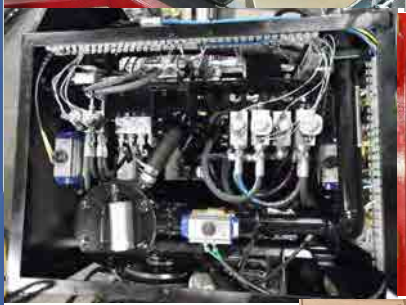
Assembly

Pneumatic Assembly

SpecSys, Inc.

SpecSys, Inc.

Assembly



Hydraulic Hose Fabrication

Assembly

Mechanical Assembly

SpecSys, Inc.

SpecSys, Inc.

Assembly

Electrical Assembly

SpecSys 6

Design
Project Management
Systems Engineering
CAD Development
Leverage
Fast Track

Analysis
Linear FEA
Non-Linear FEA
CFD
Simulation
Feasibility

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Pneumatic
Electrical
Mechanical
Complete Solutions

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PLC & HMI
PI&D
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