



TAMPA SERVICE CENTER

Excellence in creating innovative solutions for the supply, control and use of energy

TAW® TAMPA SERVICE CENTER QUICK FACTS

**Operations • Sales • Customer Service • Logistics Production
Engineering • Quality Assurance • Field Service Departments**

BUILDING INFORMATION

- Total Property Area: 18 Acres (784,080 Sq Ft)
- Building Size: Total Square Feet: 100,000
Main High Bay: 224' L X 60' Wide w/20 ft. high door clearance

CAPABILITIES

Material/Equipment Handling

- Forklift Trucks
- Overhead Bridge Cranes
 - Qty: (2) 30 Ton Capacity
 - Qty: (1) 60 Ton Combined Pick Capacity with Spreader Bar
- Single Leg Gantry Crane
 - Qty: (1) 10 Ton Capacity
- Numerous bridge cranes and monorail hoists throughout
- Building work stations

Truck Transportation

- Lowboy*: Max Gross Weight 80,000 pounds
- High Trailer*: Max Gross Weight 80,000 pounds
- (2) Twin Screw: Max Gross Weight 44,000 pounds
- Single Screw: Max Gross Weight 22,000 pounds
- Small Flat Bed: Max Gross Weight 2,000 pounds
- 3/4 Ton Pick Up: Max Gross Weight 1,500 pounds

**Note: These trucks can carry more weight with a special permit.*

Transportation Safety Equipment

- Canvas tarps to cover equipment
- Timbers and stands for vertical equipment
- Chains and binders for securing equipment

Testing Equipment

- Motor No-Load Test Center
 - High Voltage: 3750 KVA up to 13,800 Volts
 - Medium and Low Voltage: 4100 KVA up to 6,900 Volts

- Schenck Dynamic Balancing Machine, 96" diameter and 40,000 pounds capacity, 12 feet in length
- IRD Model 50B/290T Balancing Machine, 5,000 pounds capacity
- Commtest VB7 Vibration Analyzer, FFT capability

Electrical Apparatus Repair Equipment

- Five (5) taping machines
- Four (4) loop winding machines
- One (1) field coil winding machine
- Four (4) coil spreaders, capable of spreading coils up to one hundred twenty inches (120")
- Various other winding machines, presses, etc.
- Bar cutting machine of TAW design
- Three (3) coil winding machines
- Two (2) Dereeling racks, capable of dereeling sixty (60) wires in parallel
- Twenty-five thousand pounds (25,000 lbs) round magnet wire stock
- Deep bake oven, 10' high X 10' wide X 18' deep, used with specially designed dip tank and special gantry crane
- Vacuum Pressure Impregnation (V.P.I) 10' Diameter by 10' Deep

**440 SOUTH 78TH STREET
TAMPA, FL 33619**

813-425-7300

TAWINC.COM

CAPABILITIES

Electrical Apparatus Repair Equipment Cont.

- Core Loss Testers: Qty (2): 5,000 HP Testing Capability
- Slotted Testing Bed Plates
 - Qty: (1) 8' x 14' Mass Weight of 100,000 pounds
 - Qty: (1) 4' x 6' Mass Weight of 18,000 pounds

Mechanical Repairs

- 144" Gray - Vertical Turret Lathe (VTL) with a 168" total swing and a 220,000 pound load capacity and 10' under the head. The machine has two cutting heads. This allows for two cuts at one time.
- 120" Swing Toshiba - Berthiez® Vertical Turret Lathe, Turret Head and Side Cutting Head, sliding table design with a 72" four (4) jaw chuck - bed is capable of 30,000-pound load.
- 83" Skoda three (bed) way Lathe, 27' between centers, load weight between centers 62,000 pounds without steady rest, two (2) 40" diameter, steady rests with additional load weight of 24,000 pounds, two (2) tool carriages, foundation mass is 335,000 pounds of reinforced concrete.
- 5" G & L horizontal boring mill, 48" X 93" table, 72" vertical travel, 72" cross travel, 120" maximum between spindle and outboard support. Load of 40,000 pounds, right angle drill head, 360 degree turn table.
- 3" Forges Gilly Horizontal Boring Mill, 36" X 44" Table, 84" maximum between spindle and outboard support
- TOS Engine Lathe, 25" Swing, 320" center-to-center, 13,500 pounds load center-to-center, without use of steady rest, two (2) steady rest and one (1) follow rest.
- Ticino Gap Lathe, 70" diameter in gap, 40" swing over carriage, total length 234" center to center, load weight between centers 18,740 pounds, hole through spindle 5 1/8"
- Monarch Engine Lathe, 40" swing, 28" over carriage, 96" center to center
- Mazak Rex Engine Lathe, 30" swing, 168" center to center
- Nine (9) Additional Engine Lathes of various sizes
- Two (2) 24" swing, Hercules Ajax Engine Lathes
- 18" swing, LeBlond Engine Lathe
- Sanyuen Vertical Mill
- Summit Vertical Mill

- Davis Keyway Cutter
- 20" Do All Vertical Saw
- 20" Rockwell Saw
- Cold - Cut Saw
- Cutoff Saws
- 500 Metric Ton, Horizontal Press
- Cincinnati - Bickford Radial Arm Drill
- Three (3) Drill Presses
- MIG Welders
- TIG Welders
- DC Welders
- 1100EF Stress Relief Oven
- Shaft Straightening Cold Process up to twenty-seven feet (27') long

Mechanical Services

- Pumps
- Gear Boxes
- Blower Compressor Fans/ Vacuum Pumps
- Epoxy Coating
- Precision Dynamic Balancing

Precision Machining Capabilities

- Precision machining of large shafts
- Precision machining of housing and line boring
- Metalizing of shafts and bearing housings
- Re-babbiting and machining bearings
- Hard surface welding
- Short arc welding
- Stub welding for shaft repair
- TIG and MIG welding of copper, aluminum, steel and stainless steel

Cleaning Equipment

- Two (2) Paint Booths
- Grit Blasting: Grit blasting and glass bead blast cabinets
 - (1) Walk-in grit blast room
 - (2) High pressure hot water cleaners
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