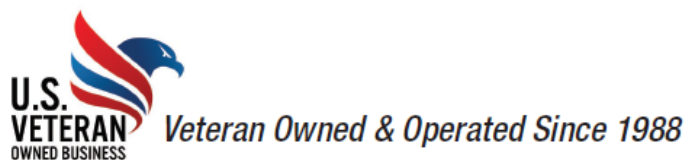




# PRODUCT SPEC SHEET

**Summit Manufacturing Inc.**

Customizable Modular Workstation  
& Server Rack Solutions



## SECTION 12 57 83

### CUSTOM INDUSTRIAL FURNITURE

*Summit Manufacturing Inc.*



#### PART 1 GENERAL

##### 1.1 SECTION INCLUDES

- A. Site furnishings of the following types:
  - 1. Modular steel workbenches (workstations)
  - 2. Various work surface types
  - 3. Integrated accessories (shelves, brackets, etc.)
  - 4. Heavy-duty server racks

##### 1.2 RELATED SECTIONS

- A. Section 12 56 53 (laboratory furniture)
- B. Section 12 56 70 (healthcare furniture)

##### 1.3 SUBMITTALS

- A. Submit under provisions of Section 01 30 00 - Administrative Requirements.
- B. Product Data:
  - 1. Manufacturer's data sheets for: THS Workstations, THS Sit/Stand Workstations and THS Heavy Duty Server Racks
  - 2. Preparation instructions and recommendations.
  - 3. Storage and handling requirements and recommendations
  - 4. Installation methods.
- C. Selection Samples: Color selections shall be made from the manufacturer's brochure representing manufacturer's full range of available colors and patterns.
- D. Manufacturer's Certificates: Certify products meet or exceed specified requirements.
- E. Manufacturer's warranties.

##### 1.4 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Minimum of 15 years' experience manufacturing THS workstations.
- B. Installer Qualifications: Minimum of 1 year experience assembling and installing workstation.

##### 1.5 DELIVERY, STORAGE, AND HANDLING

- A. Do not deliver until conditions are ready for installation.
- B. Store products in manufacturer's unopened packaging until ready for installation.
- C. Handling: Handle materials to avoid damage.

## 1.6 WARRANTY

- A. THS Workstations, manufactured by Summit Manufacturer, Inc., are warranted to the original user to be free from defects and design, material and workmanship, given normal use and care, for a period of ten (10) years of single shift service from the date of purchase.

With the exceptions noted below, Summit Manufacturing, Inc., at its option, will repair or replace any product or part thereof which fails as a result of such defect during the following warranty periods (Pro-rated for multi-shift use).

All of Summit Manufacturing, Inc.'s products (except as noted) ...Ten years Operating components, functional mechanisms, high-wear parts such cylinders and casters ...Five years Wood or wood/metal framed products...Two years Textiles, covering materials, foam, finishes, exposed wood, fabrics, laminated electrical components, and bench height adjustment cylinders...One Year.

Exclusion - HEPA filters (All HEPA filters are inspected, installed and tested at the factory and are certified to meet Federal Standard 209E)

This warranty is limited to the replacement and/or repair only, of such defective part(s) authorized in writing to be returned to Summit Manufacturing, Inc. with transportation charges and costs prepaid by the purchaser, and provided that examination by Summit Manufacturing, Inc. discloses such defect. In no way shall Summit Manufacturing, Inc. be responsible for any damage caused by the carrier, abuse, negligence, misuse, user modifications, or customer's material. Summit Manufacturing, Inc. does not warrant the matching of color, grain, or texture.

Accessories, component parts, and laminates not manufactured by Summit Manufacturing, Inc. are warranted only to the extent of the original manufacturer's warranty.

Summit Manufacturing, Inc. will not accept unauthorized charges for expenses (i.e. labor and freight) incurred by the customer. Products which have been repaired or altered by anyone other than Summit Manufacturing, Inc.; or without Summit Manufacturing, Inc.'s' written authorization; or in Summit Manufacturing, Inc.'s judgement have been subject to misuse, neglect, or accident; or use outside specifications by purchaser; or others are excluded from this warranty.

This warranty is in lieu of any other expressed or implied warranty, including any implied warranty of merchantability or fitness for a particular purpose, and of any other obligations or liability on the part of Summit Manufacturing, Inc.

## 1.7 COORDINATION

- A. Coordinate delivery with other operations.

## PART 2 PRODUCTS

### 2.1 MANUFACTURERS

- A. Acceptable Manufacturer: Summit Manufacturing Inc. which is located at 3050 SE 61<sup>st</sup> Court, Hillsboro, OR 97123-3108; 503-649-2033; Email: [THSsales@SummitMfgUSA.com](mailto:THSsales@SummitMfgUSA.com); FAX: 503-649-3207; Web: THSbySummitMfg.com
- B. Substitutions: Not permitted.
- C. Requests for substitutions will be considered in accordance with provisions of Section 01 60 00 - Product Requirements.

### 2.2 MODULAR STEEL WORK BENCHES (WORKSTATIONS)

- A. Modular 24" Powder Coated Steel Work Benches as manufactured by Summit Mfg Inc.
  - 1. Style: modular, reconfigurable
  - 2. Uprights and Leg Supports: 12 gauge steel
  - 3. Work Surface Material: wood, ESD laminate, laminate, phenolic resin, stainless steel, carbon steel.
  - 4. Assembly: hardware kit per bench
  - 5. Width: 24", 48", 72", 96"
  - 6. Height: 72" or 82"
  - 7. Depth 24", 30", 36"
  - 8. Color:
    - a. As selected by the Architect from manufacturer's 11 standard powder coated colors
    - b. Custom color as selected by the Architect.
  
- B. Modular 30" Powder Coated Steel Work Benches as manufactured by Summit Mfg Inc.
  - 1. Style: modular, reconfigurable
  - 2. Uprights and Leg Supports: 12 gauge steel
  - 3. Work Surface Material: wood, ESD laminate, laminate, phenolic resin, stainless steel, carbon steel.
  - 4. Assembly: hardware kit per bench
  - 5. Width: 30", 60"
  - 6. Height: 72" or 82"
  - 7. Depth 24", 30", 36"
  - 8. Color:
    - a. As selected by the Architect from manufacturer's 11 standard powder coated colors
    - b. Custom color as selected by the Architect.
  
- C. Modular 36" Powder Coated Steel Work Benches as manufactured by Summit Mfg Inc.
  - 1. Style: modular, reconfigurable
  - 2. Uprights and Leg Supports: 12 gauge steel
  - 3. Work Surface Material: wood, ESD laminate, laminate, phenolic resin, stainless steel, carbon steel.
  - 4. Assembly: hardware kit per bench
  - 5. Width: 36", 72"
  - 6. Height: 72" or 82"
  - 7. Depth 24", 30", 36"
  - 8. Color:
    - a. As selected by the Architect from manufacturer's 11 standard powder coated colors
    - b. Custom color as selected by the Architect.
  
- D. Modular 48" Powder Coated Steel Work Benches as manufactured by Summit Mfg Inc.
  - 1. Style: modular, reconfigurable
  - 2. Uprights and Leg Supports: 12 gauge steel
  - 3. Work Surfaces: wood, ESD laminate, laminate, phenolic resin, stainless steel, carbon steel.
  - 4. Assembly: hardware kit per bench
  - 5. Width: 48", 96"
  - 6. Height: 72" or 82"
  - 7. Depth 24", 30", 36"
  - 8. Color:
    - a. As selected by the Architect from manufacturer's 11 standard powder coated colors
    - b. Custom color as selected by the Architect.

### 2.3 SIT/STAND MODULAR STEEL WORK BENCHES (WORKSTATIONS)

- A. Sit/Stand Modular Powder Coated Steel Work Benches as manufactured by Summit Mfg Inc.
  - 1. Style: modular, reconfigurable
  - 2. Uprights and Leg Supports: 12 gauge steel
  - 3. Height Adjust Mechanism: hydraulic
  - 4. Work Surfaces: wood, ESD laminate, laminate, phenolic resin, stainless and carbon steel.
  - 5. Assembly: hardware kit per bench
  - 6. Width: 48", 72", 96"

7. Height: 72" or 82"
8. Depth 24", 30", 36"
9. Table Height Adjustability: 28" to 40"
10. Color:
  - a. As selected by the Architect from manufacturer's 11 standard powder coated colors
  - b. Custom color as selected by the Architect.

#### 2.4 SHELVING

1. Style: fixed or pullout
2. Material: powder coated 14 gauge steel
3. Mounting: cantilever mounted to uprights
4. Width: sized to fit chosen module configuration (24", 30", 36", 48")
5. Depth: 12", 18", 20", 24", 30", 36"
6. Color:
  - a. As selected by the Architect from manufacturer's 11 standard powder coated colors
  - b. Custom color as selected by the Architect.

#### 2.5 WORK SURFACES

1. Work Surface Material: wood, ESD laminate, laminate, phenolic resin, stainless steel, carbon steel.
2. Style: bull nose or straight-edge
3. Assembly: hardware kit per bench configuration
4. Width: 30", 36", 48", 60", 72", 96"
5. Depth: 24", 30", 36"
6. Thickness: depends on work surface choice
7. Color: depends on work surface choice

#### 2.6 DRAWERS

1. Style: full extension pull-out drawers
2. Material: powder coated steel
3. Mounting: underside of work surface
4. Height: 3", 6", 12"
5. Width: 12"
6. Depth: 15"
7. Color:
  - a. As selected by the Architect from manufacturer's 11 standard powder coated colors
  - b. Custom color as selected by the Architect.

#### 2.7 CASEWORK

1. Style: locking flipper cabinets
2. Material: powder coated steel
3. Mounting: various
4. Height: 16.5"
5. Width: 24", 30", 36"
6. Depth: 14.5"
7. Color:
  - a. As selected by the Architect from manufacturer's 11 standard powder coated colors
  - b. Custom color as selected by the Architect.

#### 2.8 AVAILABLE INTEGRATED ACCESSORIES

1. Casters: Swivel locking, swivel; ESD or non-ESD
2. Lighting: LED; undershelf, overhead
3. Power Strips
4. Network Patch Panels
5. Monitor / Monitor Arm Brackets
6. Monitor Arms
7. CPU Trays
8. Tote Bar and Totes
9. Seismic Brackets

## 2.9 HEAVY DUTY SERVER RACKS

1. Style: full extension locking pull-out shelves; front, back & side access; side panels available.
2. Material: powder coated 12-gauge steel
3. Mounting: fully assembled, rack mount capacity up to 44U (77"); seismic mounts available
4. Height: 88", 95"
5. Width: 27", 30", 34"
6. Depth: 36", 42"
7. Color: Black

## PART 3 EXECUTION

### 3.1 EXAMINATION

- A. Do not begin installation until substrates have been properly prepared.
- B. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

### 3.2 PREPARATION

- A. Clean surfaces thoroughly prior to installation.
- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.

### 3.3 INSTALLATION

- A. Install in accordance with manufacturer's instructions and in proper relationship with adjacent construction.
- B. Protect installed products until completion of project.
- C. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION



**Task Handling  
Solutions** by Summit

*"Our THS workstations are working well for us and we are using our vertical space more efficiently. They are just what we needed!"*

*"Don't let the lean look of these modular workstations deceive you... they are extremely durable."*

*"My lab partners are VERY HAPPY with the new flipper cabinets recently purchased for them. Look great, work great."*

Located in the heart of the great Pacific Northwest, our Summit Team prides itself on building steel-based products that are designed for quality, performance and adaptability.

Used in a range of demanding industry applications, our THS products can be easily configured and reconfigured to meet your changing needs, saving you time and money.

We are your direct source and it's all about what you need, when you need it. We design, build and ship, allowing us to offer you competitive pricing, reduced lead times and personalized support.

Stop by our showroom. Call or visit our website to request a customized quote.



**Summit Manufacturing Inc.**  
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