

adaptaspace []

ADVANTIS Console System

TECHNICAL SPECIFICATION



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WHERE DESIGN MEETS TECHNOLOGY



INTRODUCTION

The ADVANTIS Console is an ideal solution for applications where standard console depth is a constraint or equipment storage is not necessary, but the need for durable, ergonomically designed technical furniture with high capacity cable management is still required; and when cost and/or delivery timeframes are critical.

Like all Adaptaspace console systems, ADVANTIS has been designed with the flexibility to respond to project specific requirements, while providing the modularity to adapt to future growth resulting from evolving operational and technological requirements. ADVANTIS can be configured in any length and can fit any room shape. Standard depth is 30", but custom depths can be accommodated. The modular components can be easily reconfigured or expanded in the future.

Each module is pre-assembled and designed so that that it can be moved into place, leveled, and only the work surface and side panels need to be installed on site. This provides for a fast-track installation or allows the customer to install themselves. The base unit includes all tools and instructions necessary for the final assembly by customer.

GENERAL PRODUCT INFORMATION

Standard Dimensional Information:

Console Depth: worksurface front to rearmost point = 30" (762 mm)

Console Height: Floor to top of worksurface = 28 1/2" (724 mm)

Console Height: Floor to top of single monitor = 46 1/2" (1,181 mm)

The ADVANTIS Console is fully compliant with and has been successfully tested to [ANSI/BIFMA X5.5-2008](#) standard. Test report is available upon request.

Note: the above information represents typical dimensions. The cross-sectional dimensions and components of the ADVANTIS™ console can be extended to match any equipment requirements.

MATERIAL AND PERFORMANCE SPECIFICATION

Console Structure

Typical ADVANTIS consoles consists of the following components:

Extrusions (Aluminum Alloy)

The structural extrusions are constructed of thick wall, custom profile extruded aluminum. The structural extrusions are cut to length with a manufacturing tolerance of: linear $\pm 1/32"$, angular ± 0.25 degrees.

Structural Sheet Metal Components

Precision-tooled cold-rolled steel is used for structural components such as support feet and structural gussets. All surfaces are finished with a highly durable electrostatic powdercoat finish.

Manufacturing tolerances on the structural sheetmetal components are linear: $\pm 0.020"$ angular ± 0.25 degrees.

TYPICAL COMPONENTS:

Accessory Beam:

Adaptaspace's rear accessory mounting beam is constructed of thick wall, custom profile extruded aluminum. It is mounted at the back of the console frame and supports all accessories such as monitor arms, tasklights and telephone shelves. Accessories may be installed anywhere along the beam and may easily be moved after installation. It also supports optional slatwalls and privacy panels.

Worksurface Support Arm

Material: 10 gauge Cold Rolled Steel

Finish: Black Powdercoat

Console Support Foot

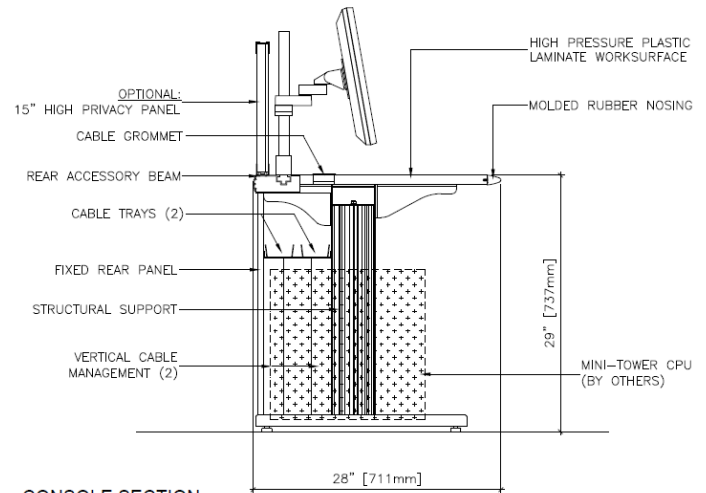
Material: 10 gauge Cold Rolled Steel

Finish: Black Powdercoat

Cable management:

Each PROCESS console module has built-in cable management that provides continuous cable management along the entire length of the console.

The standard built-in cable management system is designed to accommodate one $1" \times 4 \frac{1}{2}"$ (25 x 114 mm) wiring run.



CONSOLE SECTION
SCALE: 1"=1'-0"

TYPICAL CONSOLE ATTACHMENTS

Hinged Cable Access Panel:

Optional on fixed height configurations; Not required on sit/stand
Hinged and removable to provide access to the cable trays
Material: 13/16" MDF with thermofoil laminate surfaces

Power Bars (Domestic):

Standard: 15 amps - 125VAC; 6 Outlets with 6' Cord,
Optional: 20 amps - 125VAC with NEMA 5-20P or L5-20P outlets

CPU Holders:

Fixed: Attaches to support legs

Material: 14 ga cold rolled steel

Capacity: 100 lbs.

Finish: Black Powder Coat

Slide-out: Attaches to the worksurface

Material: 14 ga cold rolled steel + Accuride Slides

Capacity: 90 lbs

Finish: Black Powder Coat

Roll-out Cart:

Material: 16 ga cold rolled steel

Capacity: 50 lbs.

Finish: Black Powder Coat



WORKSURFACES

The rigid ADVANTIS worksurface is designed to provide a smooth level workspace. It complies with accepted human factors criteria and all ergonomic standards have been taken into consideration including knee well space, view/reach distances and keyboard height. The optional sit/stand height adjustable worksurface provides further flexibility by allowing for variable height positioning within a 25 1/2" (648 mm) range (28 1/2" to 54" [724 mm to 1352 mm] from the nominal 28 1/2" [724 mm] high fixed worksurface position). Both fixed and height adjustable worksurface configurations comply with US Federal Government ADA accessibility regulations.

Materials:

1" particle Board with high pressure plastic laminate face surfaces
- nominal thickness: 1.2 mm (0.048")

Front edge: waterfall molded high impact PVC (soft rubber) nosing.

Static Load: 50 lb./ linear ft. (74 kg / linear m)
Maximum per adjustable worksurface 540 lbs (245 kg) with 2 actuators, 810 lbs (367 kg) with 3 actuators and 1,080 lbs (190 kg) with 4 actuators.

Note: custom finishes also available for worksurfaces

CLADDING OPTIONS (PANELS)

Modesty Panel:

Standard: Standard: 11/16" (17.5 mm) particle board with high pressure laminate faces & edges.

Optional: 18 gauge steel, wood veneer or other finish materials as may be specified.

End Gables:

Standard: Standard: 11/16" (17.5 mm) particle board with high pressure laminate faces & edges.

Optional: 14 gauge steel, wood veneer or other finish materials as may be specified.

Privacy Panel Options:

6" to 18" (152 mm to 457 mm) high Privacy Panel:

Standard: Standard: 11/16" (17.5 mm) particle board with high pressure laminate faces

Optional: Front with Slatwall - Back with HPL
Front with Fabric - Back with HPL
Front and Back with Fabric
Front and Back with HPL
Glass or Plexiglas

Custom panel materials are available - curved 14 gauge steel, wood veneer or other finish materials as may be specified.

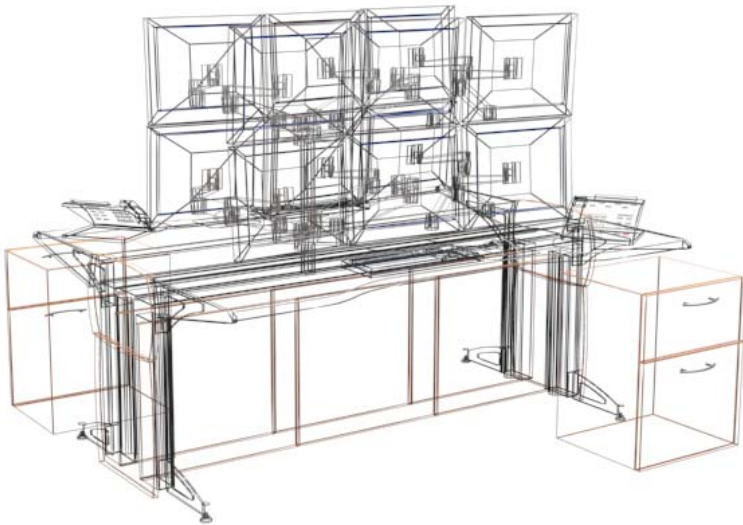


SIT/STAND WORKSURFACE

- The SIT/STAND electric height adjustable worksurface option is available for the base ADVANTIS console and retains the standard ADVANTIS desktop look.
- The workstations may be built in straight or radial modules.
- The modules may be stand-alone or be grouped together in work clusters as may be required.

ACTUATOR SYSTEM

- The system is capable of lifting a total of 540 lbs (245 kg) with 2 actuators, 810 lbs (367 kg) with 3 actuators and 1,080 lbs (190 kg) with 4 actuators.
- Worksurface may consist of a single deck or dual front and rear deck operating independently.
- Range of travel is 25 1/2" (648 mm): standard height setting of 28 1/2" (724 mm) above floor to 54" (1352 mm) above floor.
- Speed of travel under load is 1 1/2" per second (38mm per second). Lift system operation is virtually silent.



CABLE MANAGEMENT

- Cable capacity is same as the standard ADVANTIS module. The vertical travel of monitor and desktop accessory cables is managed via flexible vertical cable chains.

SAFETY ERGONOMICS

- Sufficient space has been allowed between passing objects such that pinch points do not exist.
- The range of travel is appropriate to accommodate 95% of the standard north American population (5th percentile female to 95th percentile male).
- The optional "memory button" switch allows end-users to program preferred sitting and standing positions.
- The SIT/STAND worksurface option provides for a suitable ADA working environment.

