

# The GENESIS™

Product Range

## WORKSTATION

1/4

### GENERAL PRODUCT DIMENSIONS

#### Dimensional Information:

Console Depth: worksurface nosing to rearmost point = 38"

Console Height: Finished floor to top surface of fixed worksurface = 28 1/2"

Console Height: Finished floor to top surface of typical single tier monitor = 46 1/2"

#### Equipment Capacity:

##### Monitor Space

Maximum monitor size is limited only by the desired console module length (ex. If 72" module length is required then maximum monitor case width would be 3 @ 21" diagonal or 4 @ 18" diagonal).

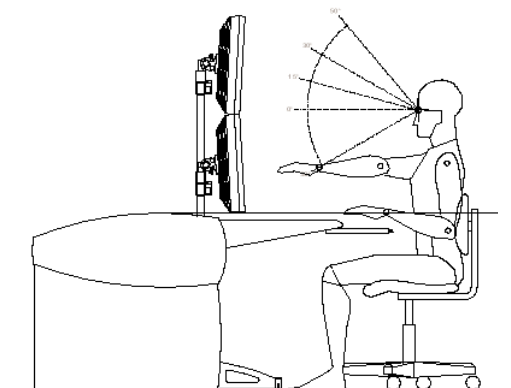
##### Processor Space

Maximum processor width = 12" (8 1/2" on swing-out shelf)

Maximum processor depth = 20 1/2" (17 1/2" on swing-out shelf)

Maximum processor height = 20 1/2"

*Note: the cross-sectional dimensions and components of the GENESIS™ console system can be extended to match equipment requirements.*



MATERIAL AND PERFORMANCE SPECIFICATION

**Console Structure**

Typical GENESIS console system consists of the following components:

**Extrusions (Aluminum Alloy)**

The structural extrusions are constructed of thick wall, custom profile extruded aluminum. The structural extrusions shall be cut to length within a manufacturing tolerance of: linear +0, -1/32", angular +/- 0.25 degrees.

**Other structural assembly components**

Precision-tooled cold-rolled steel (C.R.S.) is used for structural components such as processor cabinet frames and structural gussets. All surfaces are finished with a highly durable electrostatic Powdercoat finish. Manufacturing tolerances on the structural sheetmetal components are linear: +/- 0.020" angular +/- 0.25 degrees.

**Console Structure – Other**

GENESIS is compliant with ANSI/BIFMA X5.5-1998 tests including section 13.3 stability under vertical load test when the support feet are attached as required.

TYPICAL CONSOLE ATTACHMENTS

**Worksurface Support Arm**

Material: 1/4" steel plate  
Finish: Black Powdercoat

**Console Support Foot**

Material: 1/4" steel plate  
Finish: Black Powdercoat

**Monitor support deck:**

(standard for flat-screen – custom depth for CRT monitor)  
Material: 5/8" MDF with high pressure laminate surfaces  
Capacity: 300 lbs

*Note: other materials or colours available upon request*

TYPICAL COMPONENTS:

**Processor Shelves:**

Material: Fixed: 14 gauge cold rolled steel  
Swing Out: 14 gauge cold rolled steel  
Capacity: Fixed: 100 lbs. (per std 24" module)  
Swing Out: 50 lbs. (per shelf)  
Finish: Black Powder Coat

**Rackmount Kits: (19" wide rackmount)**

Internal rackmount kit (undercounter) = 10 Rack Units (17 1/2")

Full Upper rack mount Kit = 8 RU (14")

Partial Upper "turret" rackmount Kit = 2 RU (3 1/2")

- under monitor

Material: 12 gauge cold rolled steel  
Finish: Black Powdercoat

**Turret CD ROM drive or accessory power kit:**

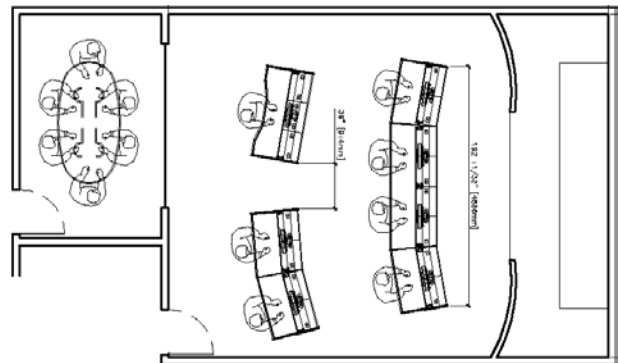
Material: 14 gauge cold rolled steel  
Finish: Black Powder Coat

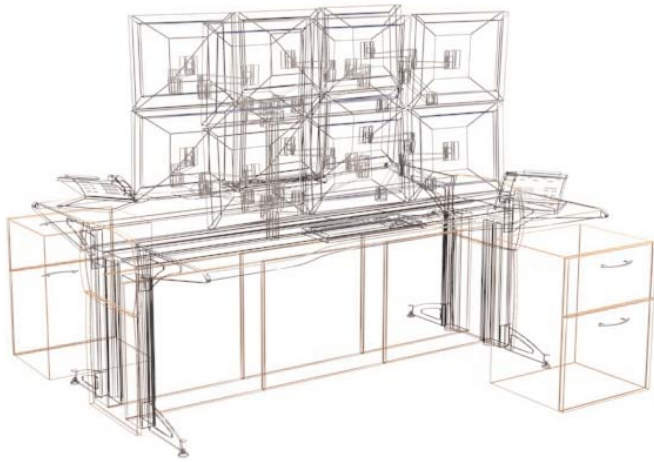
**Power Bars (Domestic):**

Rated: 15 amps – 125VAC

**Cable management:**

The standard built-in dual cable management system is designed to accommodate two 2" x 5" wiring runs.





## WORKSURFACES

The rigid Genesis worksurface is designed to provide a smooth level workspace. It complies with accepted human factors criteria. All ergonomic standards have been taken into consideration including knee well space, view/reach distances and keyboard height. The optional adjustable worksurface provides further flexibility by allowing for variable height positioning within a 5" range (+/- 2 1/2" from the nominal 28 1/2" high fixed worksurface position). Both fixed and adjustable worksurface configurations comply with US Federal Government ADA accessibility regulations.

### Materials:

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

Static Load: 50 lb./ linear ft.  
Maximum per adjustable worksurface is 250 lbs.

*note: custom finishes and materials are also available for the worksurface*

## CLADDING OPTIONS (PANELS)

### Hinged door panels:

Standard: Standard: 11/16" particle board with high pressure laminate faces & edges

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

### Modesty Panels:

Standard: Standard: 11/16" particle board with high pressure laminate faces & edges

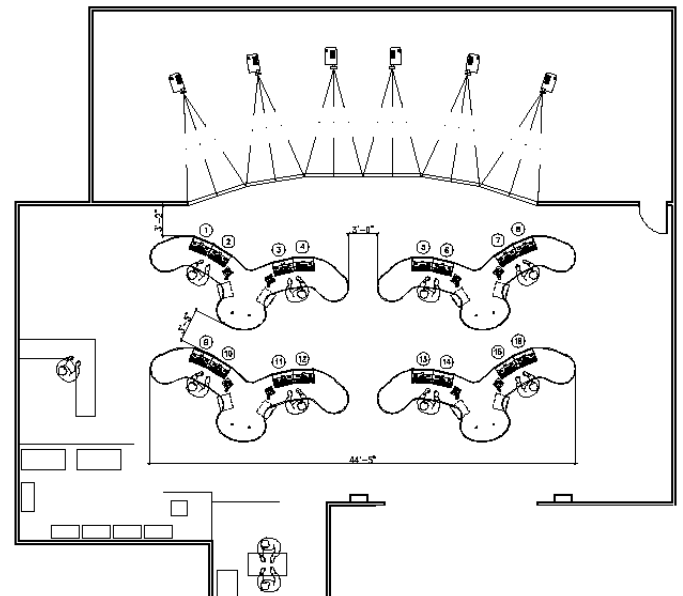
Optional: 18 gauge steel, wood veneer or other finish materials as may be specified

### Privacy Panel Options:

16 gauge perforated pattern steel curved panel

16 gauge sheetmetal panel with fabric wrapped tackable core

Plastic laminate, wood veneer or other finish materials as may be specified



#### SIT/STAND DESIGN

- The SIT/STAND option is an add-on module to the base Genesis console and therefore retains the standard Genesis desktop Genesis look.
- The workstations may be built in straight or radial (curved) 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 450 lbs. (204 kg)
- Range of travel is 19 1/2" (500 mm) (29"/736 mm above floor to 48 1/2"/1232 mm above floor)
- Speed of travel under load is 1 3/4" per second (45mm per second) It takes approximately 11 seconds for the total range of travel.
- Lift system operation is virtually silent.

#### EQUIPMENT CAPACITY

- Lower processor cabinet equipment capacity is the same as standard Genesis console.
- Flat panels monitors (or CRT Monitors) and accessories may be placed on work surface or supported by articulating arms or platforms.

#### CABLE MANAGEMENT

- Cable capacity is same as the standard Genesis product module. The vertical travel of monitor and desktop accessory cables is managed via a flexible cable chain.

#### 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 option provides for a suitable ADA working environment.

