



# VANGUARD

## BY TESCO

VANGUARD is designed to ISO 11064 ergonomic standards, surrounding the operator with what matters and remove everything that doesn't. Every layout supports enhanced operator immersion and task clarity. Curved worksurfaces bring controls within reach, optimize viewing angles, and limit unnecessary movement, reducing fatigue and improving posture, reach, and sightlines for sustained 24/7 performance.

## HIGHLIGHTS

- 1. Personalization
- 2. Deployment Speed
- 3. Ergonomics
- 4. Workflow (Collaborative to Focused)
- 5. Layout Flexibility
- 6. Tech Integration
- 7. Finish Selection

## KEY BENEFITS

- 1. Immersion Ergonomics
- 2. Technology Integration
- 3. Durability & Engineering
- 4. Environmental Control
- 5. Refined Aesthetic
- 6. Comprehensive Warranty

## KEY FEATURES

- 1. Motorized Monitor Wall
- 2. Sit-Stand Ready
- 3. Advanced Cable Management
- 4. Multifunctional Backwall
- 5. CPU & Equipment Storage
- 6. Acoustic Treatments
- 7. Integrated Lighting
- 8. Personal Environment Unit (PEU)
- 9. Premium Finishes
- 10. Custom Branding





# KEY BENEFITS

## IMMERSION ERGONOMICS

ISO 11064-based curved layouts place controls and displays within natural reach, minimizing fatigue and boosting sustained performance in long duration control room tasks.

## PUT OPERATORS IN CONTROL

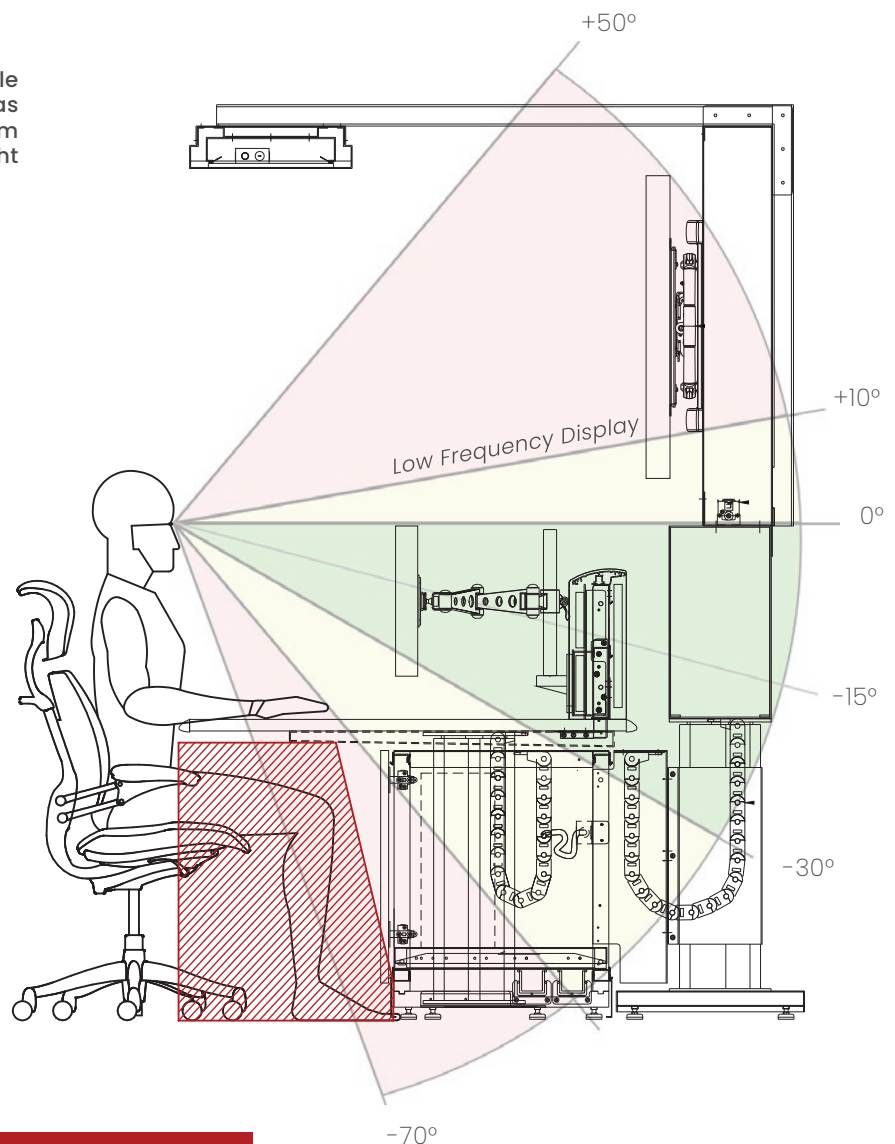
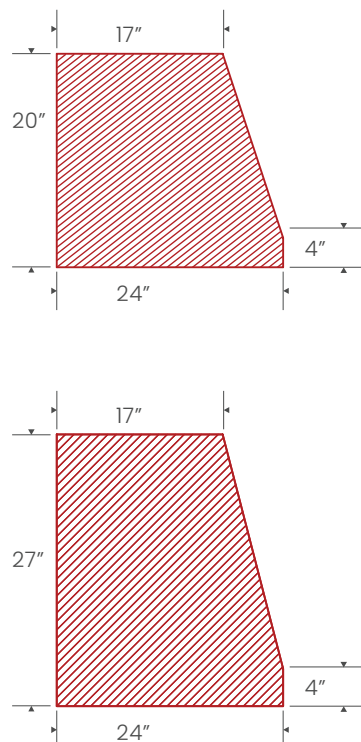
Designed for efficiency. Engineered for endurance. Our ergonomic control room consoles deliver superior comfort, seamless technology integration, and unmatched durability.

Because performance starts with the right workspace.

## ISO 11064 BASED DESIGN

All of Tresco's consoles are engineered with ISO 11064 principles in mind, ensuring optimal ergonomics, operator efficiency, and seamless technology integration. From adjustable sightlines to intuitive layouts, every detail is designed to enhance comfort, reduce fatigue, and improve situational awareness—keeping operators focused and in control, 24/7.

Operator clearance for 5th percentile female to 95th percentile male as standard, as well as any custom measurements your operation might require.





# KEY BENEFITS

## TECHNOLOGY INTEGRATION

Designed to accommodate specialized client equipment, complex monitor arrays, and critical system interfaces keeping operations efficient and adaptable to change.

## DURABILITY & ENGINEERING

Heavy duty 12 gauge steel frames, precision-cut components, and advanced motion systems ensure structural integrity and smooth operation under continuous, 24/7 use.

## ENVIRONMENTAL CONTROLS

Operators can adjust lighting, airflow, temperature, and white noise in real time through optional integrated PEU systems for personalized comfort and alertness.

## REFINED AESTHETIC

Designed to accommodate specialized client equipment, complex monitor arrays, and critical system interfaces keeping operations efficient and adaptable to change.

## COMPREHENSIVE WARRANTY

Lifetime Warranty on all fixed structural frame components, work surfaces, exterior panels, and all adjustable, sliding, or hinged mechanisms. 5-Year Warranty on all electrical items, including electro-mechanical sit-stand lifting systems. 5-Year Labor Coverage for any warranty-based repair or replacement.







# KEY FEATURES

## MOTORIZED MONITOR WALL

Electromechanical monitor backwall system allows independent height adjustment for optimal sightlines, improved ergonomics, and dynamic visual layering in multi-monitor setups.

## SIT-STAND READY

Worksurface can be upgraded with programmable sit-stand actuators featuring memory presets and anti-collision detection for better circulation, posture, and long-shift flexibility.

## ADVANCED CABLE MANAGEMENT

Vertical and horizontal cable routing channels, including articulating EZ Chains, keep power and data organized, concealed, and accessible, supporting efficient maintenance and upgrades.

## MULTIFUNCTIONAL BACKWALL

Equipment mounting rails. Flexible equipment mounting surface. Clean, modern aesthetic. Upgradeable to a slatwall style to further reduce noise.

## CPU & EQUIPMENT STORAGE

Ventilated compartments, lockable enclosures, and rack-mount kits provide secure and efficient housing for CPUs and sensitive electronics, with quick front/rear access.

## ACOUSTIC TREATMENTS

Optional integrated panels and directional speaker systems help manage ambient noise, reduce auditory distractions, and support cognitive clarity in high concentration environments.





# KEY FEATURES

## INTEGRATED LIGHTING

LED task lighting, console bay lighting, and status indicators improve visibility and operator awareness—especially in low-light or 24-hour monitoring conditions.

## PERSONAL ENVIRONMENT UNIT

Optional unit provides individual control of heating, cooling, lighting, and white noise, giving operators full command over their comfort and sensory environment.

## PREMIUM FINISHES

Choose from a range of high-pressure laminates, solid surfaces, and edge treatments, all selected for durability, aesthetics, and compatibility with your design palette.

## CUSTOM BRANDING

Add visual identity to your space with backlit, perforated, or color-matched panels that integrate your organization's logo into the console's structure.







## INDUSTRY STANDARDS

Tresco is proud to design in accordance with the following standards and industry best practices

1. **ISO 11064** Ergonomic design of control centers
2. **ANSI/HFES 100-2007** Human Factors Engineering Computer Workstations

3. **Power distribution solutions** CSA approved and/or UL Listed

4. **All electronics developed by Tresco** are FCC certified

Console designs can also be tested to meet your unique requirements, including BIFMA, seismic, military, and marine standards.