

HAT DESIGN WORKS™



OEM SERVICES

OUR PORTFOLIO



MICROSURGICAL LABORATORIES

Challenge: Create a dynamic, height adjustable arm to mount microscopes and video equipment in a laboratory and classroom environment.

Solution: HAT 7500 series monitor arm components were modified and color matched to mount the specialty equipment, run cabling, and integrate into the lab furniture.

OUR PROCESS

Our in-house design, engineering, and manufacturing capabilities give customers real-time access to every stage of product execution, ensuring a seamless process from start to finish.



SURGICAL SYSTEM

Challenge: An arm with a longer reach than the capabilities of most of our catalog items was required for proper viewing of the monitor by the medical staff. The same arm also holds a camera on another platform of the system.

Solution: Die-cast components were replaced with fabricated metal components which could be customized to the appropriate length, hitting both vertical and horizontal reach requirements.

OUR CAPABILITIES

We excel in custom design and manufacturing. Our in-house resources enable us to provide high-performing solutions with fast turn-around at a fair price.

Demanding OEM projects require a manufacturer with the right experience and capabilities. Our advanced engineering team and product specialists partner closely with customers to deliver unique product configurations for applications across industries. Whether you need a brand new design or simply require small adjustments to current products, we have the imagination to deliver.

Most of our products are designed and assembled at our Easton, PA headquarters, supporting fast response times at a reasonable cost. Direct access to our production team ensures customers success through every phase of their personalized installation project. Global leaders in medical devices, office furniture, aviation, and technology use HDW products to get the job done.

- Assembly
- Weld/fabrication
- CNC machining
- Powder coating
- Global sourcing team
- In-house engineering, prototyping, and testing
- ISO compliant quality system
- Professional grade quality
- 80,000 sq ft US manufacturing plant and 60,000 sq ft EU manufacturing plant
- 50,000 sq ft US distribution center
- US based customer service team
- HDW is fully compliant with RoHS, WEEE Directive 2002/96/EC, and the EU Directive on Packaging and Package Waste (94/62/EC)
- 97%+ on-time delivery to customer request date
- 99%+ quality assurance effectiveness rate
- Configurable product line allows for easy customization without starting from scratch
- We follow through from concept, to design, to prototype, to production and for years of service to come
- Private label solutions offer an end-to-end service for creating products under your brand name
- Easton, PA headquarters, strategically located between New York City and Philadelphia

COLLABORATE

DESIGN/ENGINEER

OUR PORTFOLIO



MICROSURGICAL LABORATORIES

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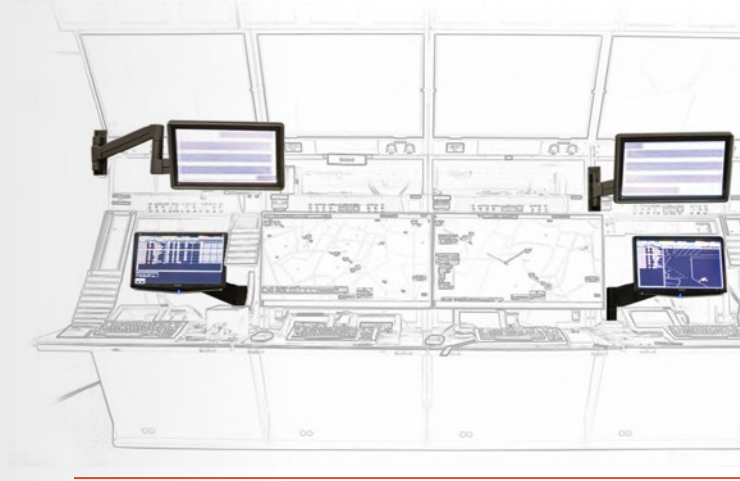
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AIR TRAFFIC CONTROL

Challenge: Each air traffic controller has multiple screens to monitor simultaneously. Proper positioning in a confined footprint to allow comfortable viewing of each screen and also keep other console interaction points clear is critical.

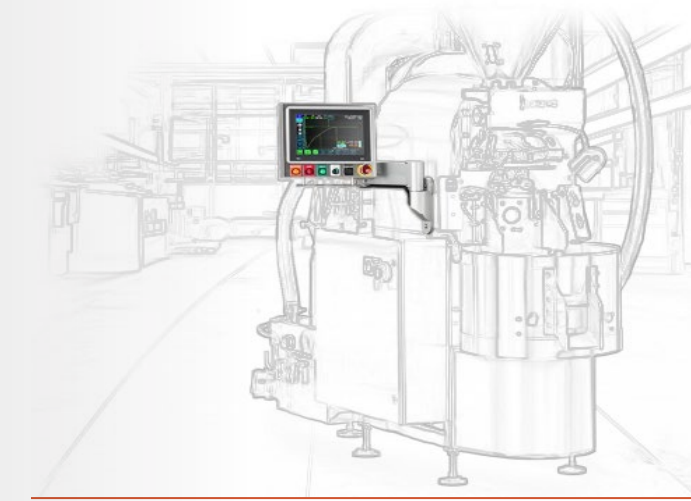
Solution: Extended vertical and horizontal reach was achieved by coupling two 7500 series arms with a joint. Custom mounts integrate seamlessly into the console structure.



ANESTHESIA WORKSTATION

Challenge: Provide an arm to hold a customized monitor and keyboard mounted on a cart. Mobile applications are more challenging as stability is a major factor.

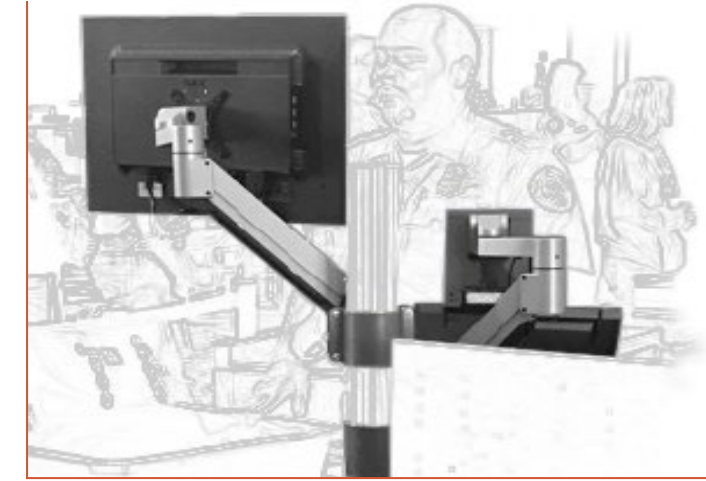
Solution: A rigid arm extends from the cart's rear, with the height-adjustable section of the 7000 series arm as the second link. Internal cable management runs through the arm and mount, supporting the integrated monitor and keyboard.



INDUSTRIAL COFFEE ROASTERS

Challenge: An arm to support and stabilize the heavy weight of a stainless steel enclosed screen and withstand the vibration and force of an industrial coffee roaster. A vertical mount was required to integrate into the machine.

Solution: The model 9105 arm features steel channels with a high weight counterbalance capacity making it perfect when paired with the rugged 8325 mount.



IMAGING AND SECURITY SYSTEMS

Challenge: Integrate a monitor arm and control panel arm used by employees of various heights onto an existing column for baggage screening in airports.

Solution: Customized clamps were created to attach to standard wall mounts allowing the 7000 series to be used as both the monitor arm and the controller unit arm.

OUR PROCESS

Our in-house design, engineering, and manufacturing capabilities give customers real-time access to every stage of product execution, ensuring a seamless process from start to finish.

Scan to view more solutions from our OEM project portfolio



COLLABORATE

DESIGN/ENGINEER

PROTOTYPE

MANUFACTURE

CUSTOMER SUCCESS



HAT DESIGN WORKS™



Scan to contact us today

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