



# Workbench Systems

RT Engineering is a leading Northeast provider of item extruded aluminum and workbench systems. For operations that involve manual assembly, maintenance, repair, or testing, the item workbench offering enables maximum productivity with dedication to ergonomic design.



## Worker Friendly Workbench

The U.S. Bureau of Labor reports that 34 percent of worker absenteeism due to injury is caused by musculoskeletal disorders (MSDs) and the median recuperation time is 12 days. This has a profound impact on worker costs and loss in productivity. Related studies indicate that ergonomic practices that suit the workstation to the worker and their requirements effectively reduce the risk of MSD-related injuries and result in considerable return on investment.

The item workbench and accessory system is designed with ergonomic adaptation in the forefront so workers can perform comfortably at their best, allowing you to optimize productivity and reduce injury-related costs.

## Ergonomic Adjustments

**Lighting** – Options abound for broad or focused illuminations, including LED fittings for low heat applications.

**Chair / Foot Rest** – The item chair and foot rest offer custom adjustment to promote posture that allows workers to perform at peak levels over extended periods of time.

**Extension Arms** – The item workbench system offers light duty and heavy duty extension arms to place documents, monitors, or tools in optimal positions.

**Table Height** – Electric height adjustment makes it simple to raise or lower the bench top or select memorized presets with the touch of a button.



## Online Configurator

Design your own concept and export it to your preferred format. Configurator link below.



- AutoCAD
- CADdy++
- CATIA 5
- CimatronE
- Inventor
- Mechanical Desktop
- MegaCAD
- OneSpace Designer
- ProEngineer
- Solid Edge
- SolidWorks
- TopSolid
- TurboCAD
- VectorWorks

# Custom Workbench Configurations

The item workbench system starts with a base unit of your choosing. From there, select any combination of accessories including elements to hold tools, documents, monitors, cups, parts, or light fittings. For data, electrical, and compressed air connectivity, the system provides integration into the workbench to protect wires and hoses. There are also ESD accessories to safely dissipate electrostatic discharge. For a complete list of accessories, check out the item catalog here: [catalog.item24us.com](http://catalog.item24us.com).



## Spiral Hose

Combines with a tool balancer and compound slide to provide a supported, convenient way to work with pneumatic tools.



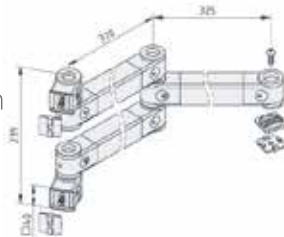
## LED Illuminated Magnifier

From broad to pinpoint illumination, item offers lighting options for the intensity and direction you need.



## Double Pivot Heavy Duty Arm

Integral to ergonomic positioning, this extension arm matches tool and material provisioning to the optimal reach of the worker.



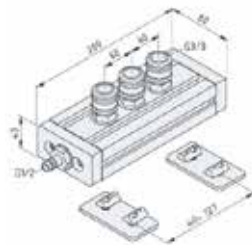
## Parts Containers

For parts provisioning, the system includes a variety of clever containers that feed parts and prevent spills.



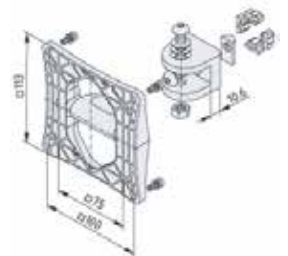
## Compressed Air Manifold

Easily snap in or release couplings for your pneumatic tool applications.



## Monitor Support

Easily integrate and position monitor screens to the workbench with t-slot compatible components.



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RT Engineering Corporation is a leading Northeast provider of custom industrial controls, automation, and factory modernization solutions. With understanding of the production challenges manufacturers face, RT extends a wealth of mechanical and electrical engineering expertise, component distribution via leading suppliers, and 24/7 field support. Founded in 1972, RT strengthens U.S. manufacturers by designing, building, installing, and servicing advanced machines and motion control systems that power productivity and reduce downtime.

