

OPTIMA™ MOBILE WORKSTATION

Optima™ Mobile Workstation

Mobile, adjustable and self contained workstations designed to enhance lab productivity. With a push of a button the work surface adjusts to meet the height demands of individual users and equipment. Add plumbing and shelving to meet your specific requirements. You can easily reconfigure lab layouts as needs change; simply move it where you need it, when you need to. The answer to flexibility to accommodate the ever-changing requirements in today's laboratories.



Optima™ Mobile Workstation
Double Sided Assembly



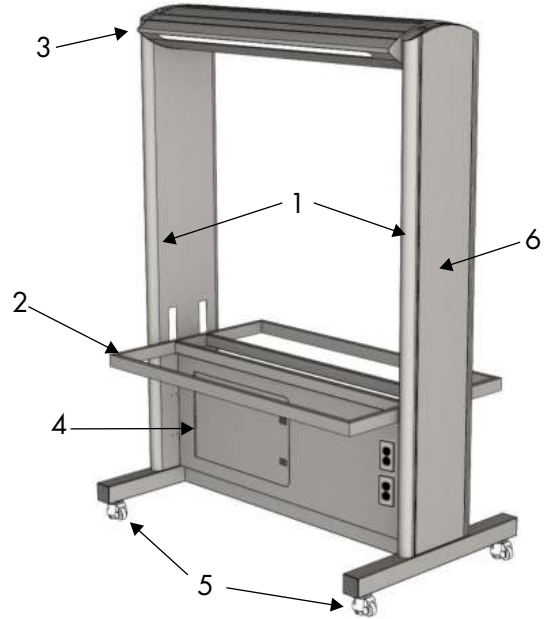
Optima™ Mobile Workstation
Single Sided Assembly

For additional information and help in planning contact Mott Manufacturing.

OPTIMA™ MOBILE WORKSTATION

Parts List

- 1) Optima™ Workstation Posts
 - 2) Optima™ Workstation Table Frame
 - 3) Optima™ Workstation Light Carrier Assembly
 - 4) Optima™ Workstation Lower Service Chase Assembly
 - 5) Optima™ Workstation Heavy Duty Casters
 - 6) Optima™ Workstation End Panels
- Note: Image shown of a 60" wide Double Sided Assembly



Load Ratings

Maximum load ratings are live loads and include loads applied to top of work surface, including total weight of shelves. These capacities should be used as guidelines only. Please contact Mott Manufacturing for specific load requirements. Maximum load ratings are based on the load being evenly balanced on both sides and does not include the weight of the work surface. Individual component or assembly load ratings should not be exceeded for any surface.



Single Sided Assembly

Maximum Load Rating

Adjustable Work Surface

- Cantilevered Work Surface 600lbs

Shelving

- 15" deep Lower Shelf 100lbs
- 15" deep Upper Shelf 100lbs

Total Assembly

- Shelving 800lbs
- Workstation 800lbs

Includes one work surface at 600lbs, and any combination of shelves.



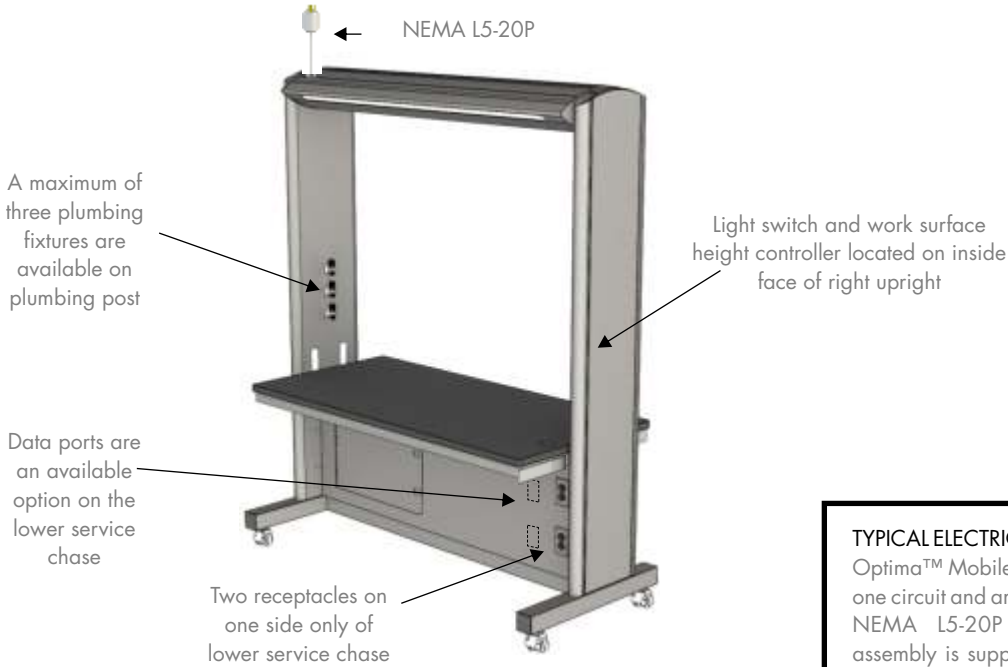
Double Sided Assembly

OPTIMA™ MOBILE WORKSTATION

CIRCUIT DETAILS

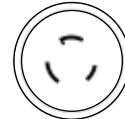
Single Sided Assembly Circuit Details

Standard Wiring: 1 Circuit



TYPICAL ELECTRICAL PLUG DETAIL

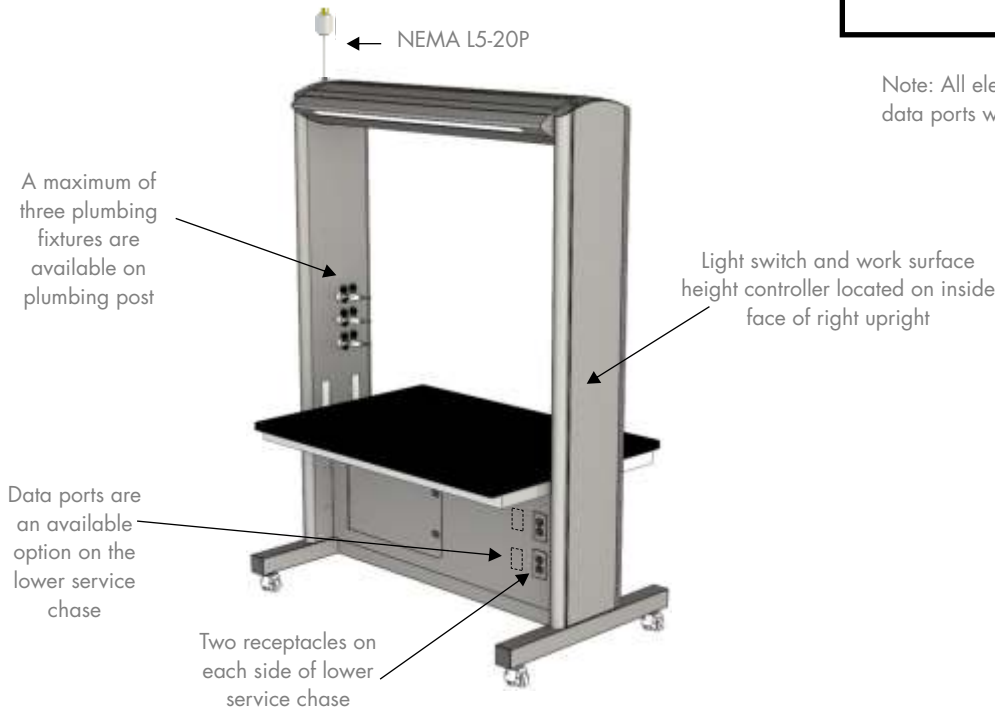
Optima™ Mobile Workstation comes with one circuit and are typically equipped with NEMA L5-20P locking plugs. Each assembly is supplied with 4 feet of white electrical cord.



Note: All electrical receptacles and data ports with cover are black.

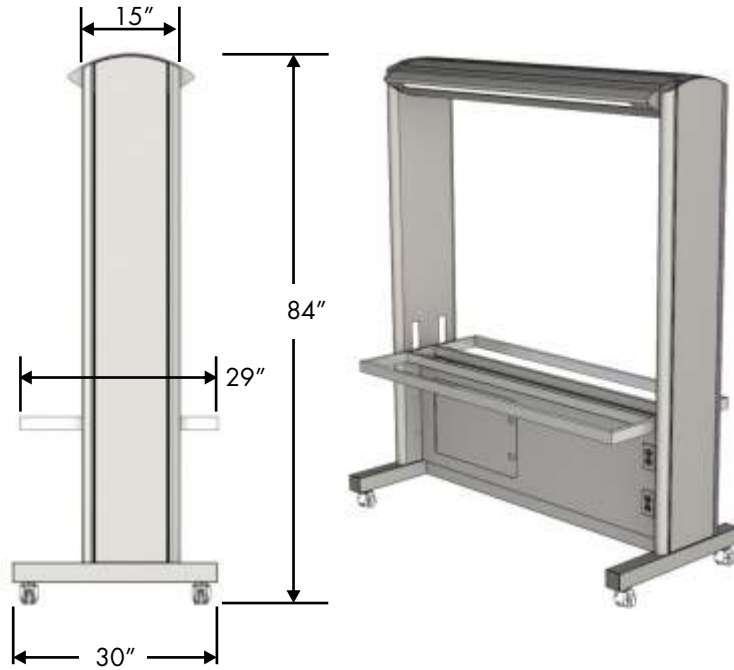
Double Sided Assembly Circuit Details

Standard Wiring: 1 Circuit



OPTIMA™ MOBILE WORKSTATION

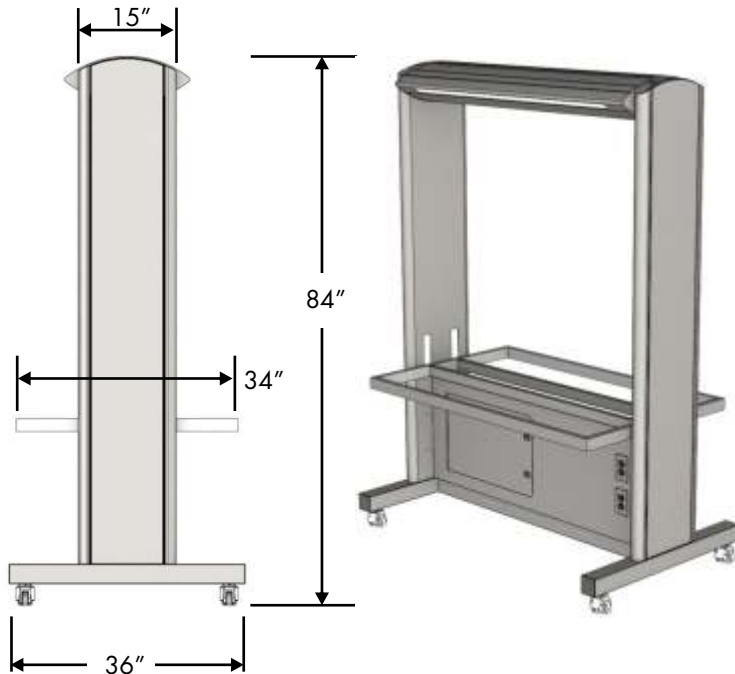
Single Sided Assembly



Width	Item Number
48"	OMW3048
60"	OMW3060
72"	OMW3072

- Workstation has a powder coated steel finish.
- Overall assembly is 84" high with 15" deep x 2-1/2" thick uprights. Overall depth of Single Sided Assembly is 30" deep (does not include work surface).
- Electro-hydraulic height adjustable table frame with electric motor has the flexibility to be raised or lowered from 29" to 35" (work surface not included).
- Complete with overhead task lights, light switch, two receptacles on lower service chase.
- Shipped assembled.

Double Sided Assembly



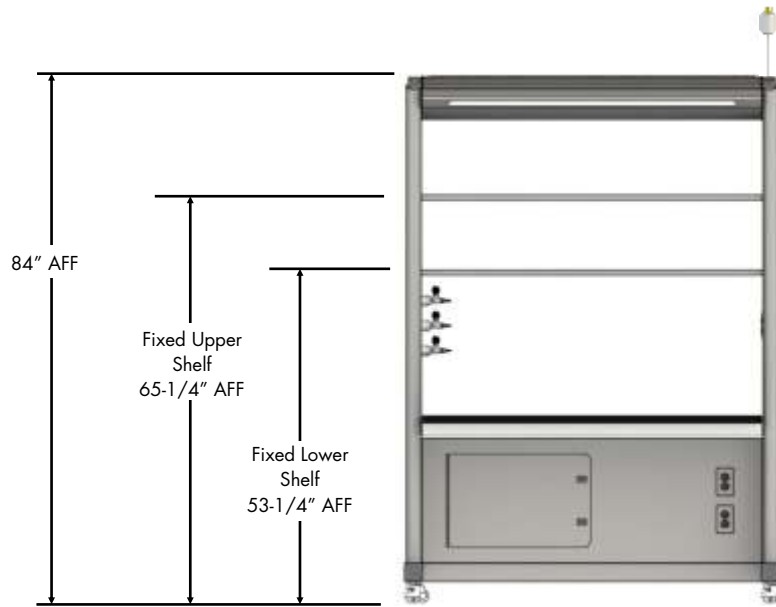
Width	Item Number
48"	OMW3648
60"	OMW3660
72"	OMW3672

- Workstation has a powder coated steel finish.
- Overall assembly is 84" high with 15" deep x 2-1/2" thick uprights. Overall depth of Double Sided Assembly is 36" deep (does not include work surface).
- Electro-hydraulic height adjustable table frame with electric motor has the flexibility to be raised or lowered from 29" to 35" (work surface not included).
- Complete with overhead task lights, light switch, four receptacles two per side on lower service chase.
- Shipped assembled.

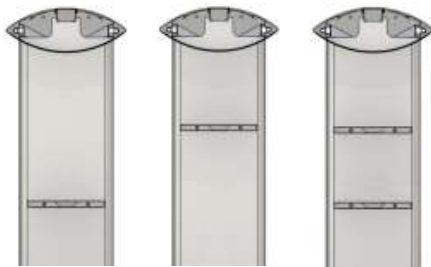
OPTIMA™ MOBILE WORKSTATION

SHELF COMPONENTS

Shelf Details



Fixed Lower & Upper Shelves



Lower Shelf

Upper Shelf

Upper and Lower Shelves

- Shelves are 1" thick and 12-1/2" deep.
- Shelves are in a fixed location and not height adjustable.
- Suitable for Optima™ Mobile Workstations only.
- Available in power coated steel and stainless steel.
- Add option code:
 - O1 for Lower Shelf
 - O2 for Upper Shelf
 - O3 for Upper and Lower Shelf

Retainer Rods For Shelves



60" wide shelf shown.

Retainer Rods	
Powder Coated	Stainless Steel

CR

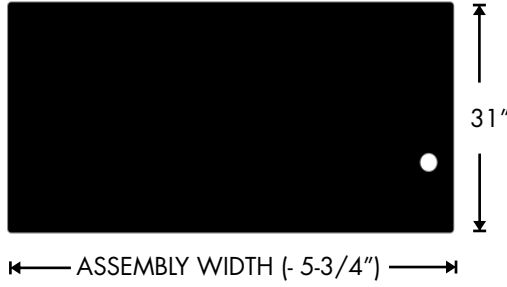
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- 1" high retainer rod (5/16" dia.) prevents articles from falling off the shelf.
- Shelves receive two retainer rods and six turrets on 48" wide and 60" wide workstations and two retainer rods and eight turrets on 72" wide workstation.
- Available in stainless steel or powder coated stainless.
- Retainer rods ship assembled on the shelf.

OPTIMA™ MOBILE WORKSTATION

WORK SURFACES

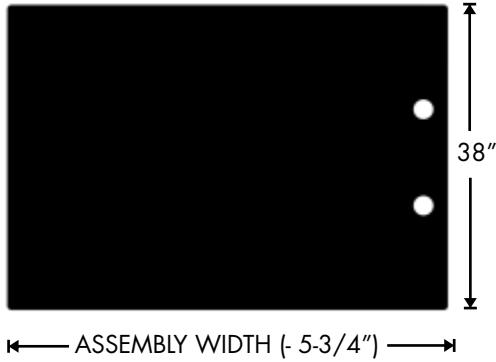
Single Sided Assembly Work Surface 31" Deep



Width Of Workstation	Black Epoxy	Stainless Steel
48"	EMS3148	SMS3148
60"	EMS3160	SMS3160
72"	EMS3172	SMS3172

- Stainless steel work surfaces are type 304-4, flat, square edges, 1" thick.
- Epoxy work surfaces with 1/8" [3mm] beveled edges are 1" thick. The cutouts for posts are not beveled.
- Wire management covers are not supplied with epoxy or stainless steel tops.
- 1" overhang at front and back.

Double Sided Assembly Work Surface 38" Deep



Width Of Workstation	Black Epoxy	Stainless Steel
48"	EMD3848	SMD3848
60"	EMD3860	SMD3860
72"	EMD3872	SMD3872

- Stainless steel work surfaces are type 304-4, flat, square edges, 1" thick.
- Epoxy work surfaces with 1/8" [3mm] beveled edges are 1" thick. The cutouts for posts are not beveled.
- Wire management covers are not supplied with epoxy or stainless steel tops.
- 1" overhang at front and back.

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SERVICE FIXTURES

Female Quick Connect Fittings



For Coiled & Straight Hose			For Stainless Steel Hose	
Service	Band Color	Item Number	Band Color	Item Number
AIR	Orange	MCPVAIR	Orange	MSSAAIR
ARG	Violet	MCPVARG	Violet	MSSAARG
CW	Green	MCPVCWT	Green	MSSACWT
GAS	Blue	MCPVGAS	Blue	MSSAGAS
HE	Black	MCPVHEL	Black	MSSAHEL
NIT	Brown	MCPVNIT	Brown	MSSANIT
VAC	Yellow	MCPVAC	Yellow	MSSAVAC

- These parts are shipped loose.
- A panel mounted brass keyed quick connect is suitable for panel mounting on overhead service carriers/panels.
- Complete with a 3/8" male NPT inlet.
- Only plug and body quick connects of the same color will couple and allow flow.

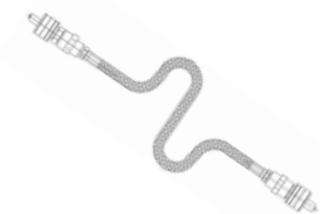
Coiled & Straight Hose Assemblies



Coiled Hose			Straight Hose	
Service	Band Color	Item Number	Band Color	Item Number
AIR	Orange	COHAIR	Orange	PVHAIR
ARG	Violet	COHAARG	Violet	PVHAARG
CW	Green	COHACWT	Green	PVHACWT
GAS	Blue	COHAGAS	Blue	PVHAGAS
HE	Black	COHAHEL	Black	PVHAHEL
NIT	Brown	COHANIT	Brown	PVHANIT
VAC	Yellow	COHAVAC	Yellow	PVHAVAC

- These parts are shipped loose. Suitable for all Optima™ series.
- Coiled Assembly complete with 3/8" I.D. X 9/16" O.D. Coiled polyurethane hose (color of hose is white) and keyed plug quick connects.
- Straight Assembly complete with 3/8" I.D. X 72" long reinforced straight white polyurethane hose color-coded per service and keyed plug quick connects.
- Only plug and body quick connects of the same color will couple and allow flow.

Stainless Steel Hose Assemblies



Stainless Steel Hose		
Service	Band Color	Item Number
AIR	Orange	SSHAIR
ARG	Violet	SSHAARG
CW	Green	SSHACWT
GAS	Blue	SSHAGAS
HE	Black	SSHAHEL
NIT	Brown	SSHANIT
VAC	Yellow	SSHAVAC

- These parts are shipped loose.
- Assembly complete with 3/8" I.D. X 72" long stainless steel braided hose (hose has Teflon core) and stainless steel keyed plug quick connects.
- Corrugated gas appliance connector is supplied for burning gas.
- Suitable for Optima™ series.
- Only plug and body quick connects of the same color will couple and allow flow.

Note: The above hoses may not be acceptable for use with burning gas in some jurisdictions. Please consult with the local authorities before ordering. Consult Mott for further information.