

Natoli Engineering, founded in 1973, is the primary source of tablet compression tooling, presses, parts, accessories and hands-on training for hundreds of pharmaceutical, nutritional, confectionary and industrial tablet manufacturers throughout the world.

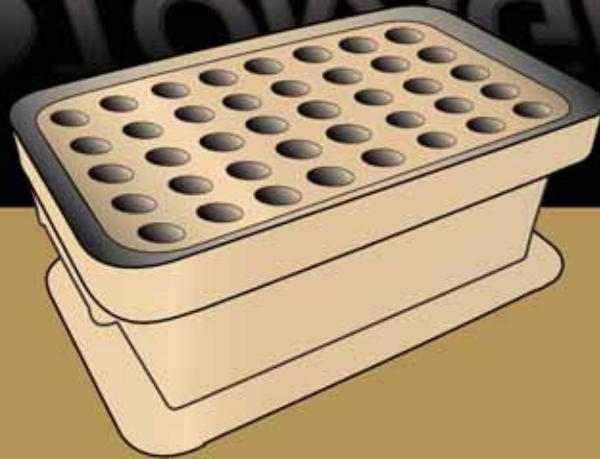
Natoli has created this catalog in support of the tablet compression industry. The color-coded sections are filled with an assortment of quality products to meet a variety of set-up, inspection and maintenance needs. Please reference the index located in the back of the catalog to locate specific items. Orders of any size and type are welcome, including special requests and custom requirements. All of the products listed in this catalog are available for shipment worldwide.

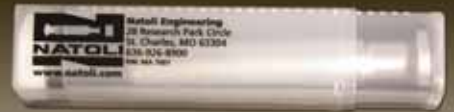
No matter what your tablet compression needs are, we look forward to helping your business succeed.

Natoli Engineering... You demand. We deliver.



STORAGE





Natoli offers tooling storage boxes that safeguard the integrity of your tooling investment, vertical lift modules which fulfill a variety of enclosed storage needs, interconnecting chrome wire shelving for general storage, security storage options and more. Natoli makes storage easy, secure and economical.



Tooling Storage Boxes

Tooling Storage Boxes

Tooling Storage Boxes safely store and protect punches and dies. They are constructed of easy-to-clean, FDA-approved materials. Each box contains an easy lift-out tray and nested lid for stacking.

Features

- ◆ Removable tray allows interchanging of “B”, “D”, 533/328-45 and 533/328-33 tooling
- ◆ Punches and dies can be stored together in sets
- ◆ Molded keyways and guides prevent tool damage
- ◆ Long sleeves keep punches separated
- ◆ Head support for easy tool removal
- ◆ Recessed handles ensure secure handling

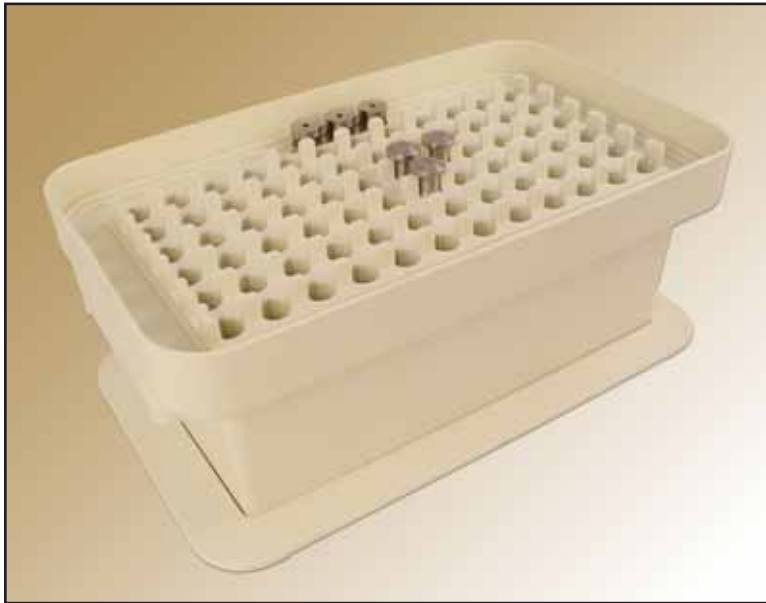
Abbreviations Key

- ◆ FDA = Food and Drug Administration
- ◆ USDA = US Department of Agriculture
- ◆ lb = Pound
- ◆ dia = Diameter
- ◆ mm = Millimeter

Exterior Dimensions (L x W x H)

18 x 11 x 7" (457 x 279 x 178mm)

Part No.	Type (Barrel Dia)	Storage Capacity
MA 5079	“B” (3/4")	72 Punches + 38 1.187" Dies or 72 Punches + 48 0.945" Dies
MA 5081	“D” (1")	48 Punches + 24 1.500" Dies
MA 5083	533/328-45 (1 1/8")	45 Punches + 24 1.312" Dies
MA 5086	533/328-33 (1 1/4")	33 Punches + 24 1.500" Dies

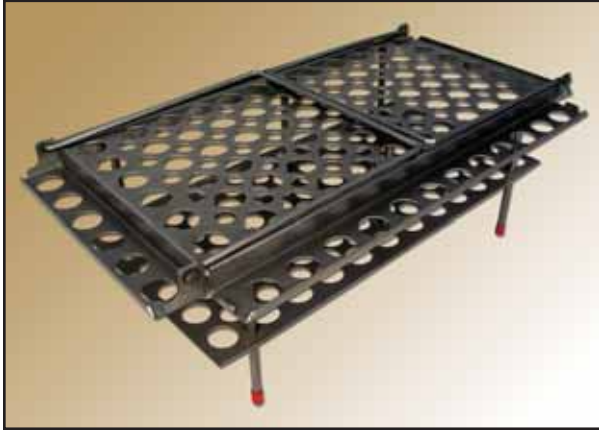


Replacement Items

Part No.	Item Description
MA 6131	Box
MA 6132	Lid
MA 6027	“B” Tray
MA 6028	“D” Tray
MA 6030	533/328-45 Tray
MA 6029	533/328-33 Tray

Stainless Steel Tooling Tray

Save time, reduce handling and prevent tool damage with the Natoli Stainless Steel Tooling Tray. The tray is designed with folding handles and rubber-tipped legs for use in the Optimum Console™ and Tabletop Ultrasonic Units. The tray provides secure handling of punches and dies from the tabletop press to the cleaning system to the storage shelf. For maximum efficiency, the Natoli Stainless Steel Tray is designed to replace the plastic insert tray in the Remcon Plastic Storage Box.



Features

- ◆ Storage capacity is equivalent to plastic tray in tooling storage box
- ◆ Reduces tool damage from mishandling

Exterior Dimensions (L x W x H)

17 x 10 x 5" (432 x 254 x 127mm)

Part No.	Item Description
MA 5082	Tray for "B" Tooling
MA 5084	Tray for "D" Tooling
MA 5100	Replacement Tips for Punch Tray



Cardboard Punch Shipping Tubes

- ◆ The ideal way to safely ship punches

Part No.	Punch Type	Tube Length
MA 5066	3/4"	5 1/4"
MA 5068	1"	5 1/4"
MA 5072	1 1/4"	5 1/4"
MA 5070	1 1/4"	7 1/4"

Reusable Plastic Punch Storage Tubes

- ◆ The ideal way to safely store and protect punches
- ◆ Constructed of transparent, moisture-resistant plastic
- ◆ Telescoping length adjustment (4.75 – 7.875")
- ◆ Square shape prevents rolling



Part No.	Punch Type	Barrel Dia	Style
MA 7001	"B"	3/4"	Yellow printed
MA 7002	"D"	1"	Yellow printed
MA 7000	533/328	1 1/8 – 1 1/4"	Yellow printed
MA 6997	"B"	3/4"	Clear no print
MA 6998	"D"	1"	Clear no print
MA 6999	533/328	1 1/8 – 1 1/4"	Clear no print

Interlocking Tooling Storage System

Interlocking Tooling Storage System

The Interlocking Tooling Storage System can be customized to fit your “B” tooling set size, saving valuable space. Begin with the starter system and use add-on sets to meet the specific requirements for each set of tooling.

Exterior Dimensions (L x W)

12 x 5.625" (305 x 143mm)

Features

- ◆ Constructed of easy-to-clean, FDA-approved materials
- ◆ Customize systems to match any “B” tooling set size
- ◆ Eliminates tool damage by nesting each tool separately
- ◆ Open construction for use with ultrasonic cleaners
- ◆ Angled die trays for accelerated drying
- ◆ System can easily be dismantled for inspection
- ◆ Customize system to limit weight
- ◆ End clips for securing multiple trays

“B” Starter System

Part No.	Item Description	Capacity
MA 7110	Complete Set	36 dies and 10 punches

Add-On “B” Punch Set

Part No.	Item Description	Capacity
MA 7116	Punch Tray Set	10 punches

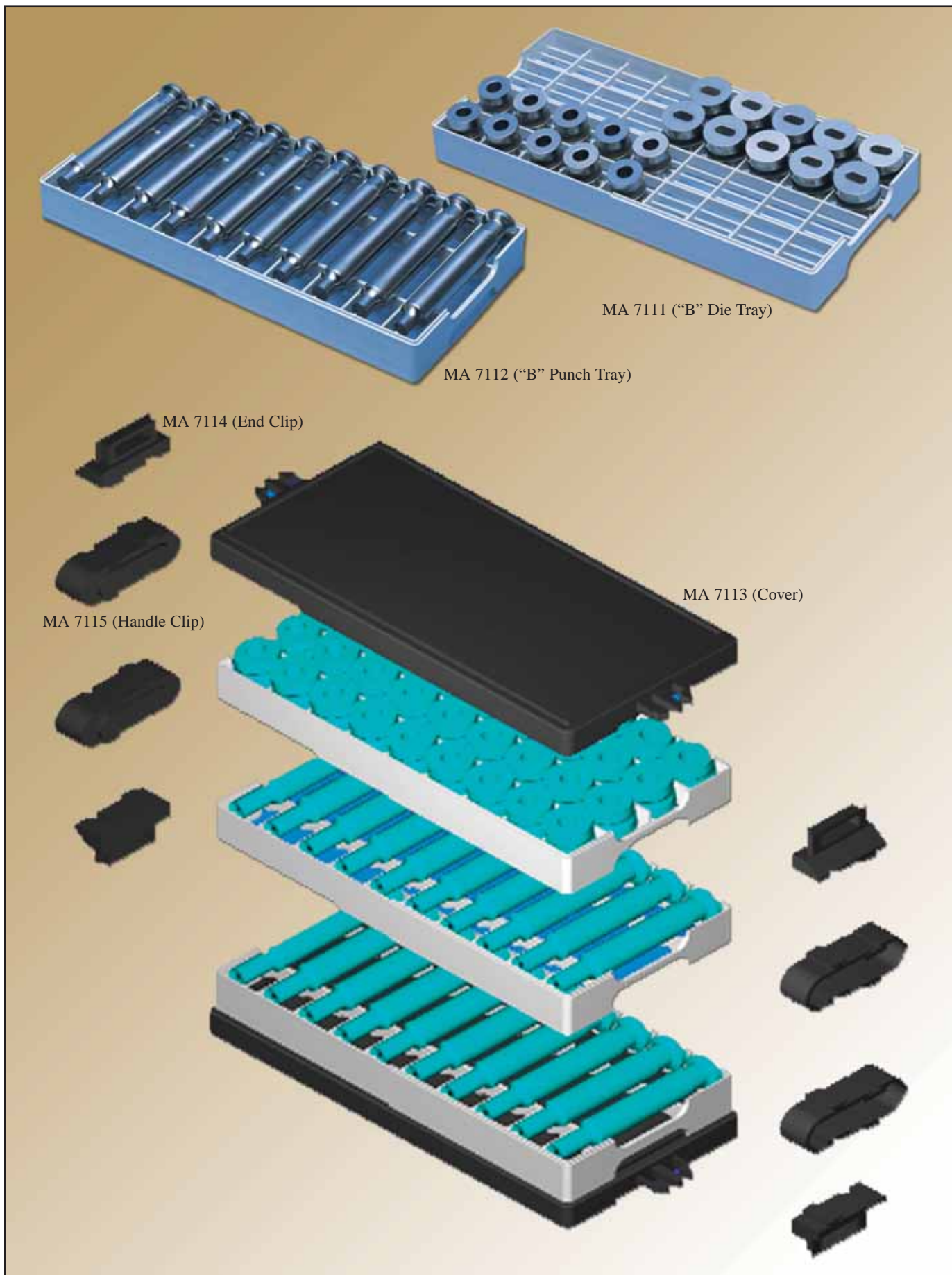
Add-On “B” Die Set

Part No.	Item Description	Capacity
MA 7117	Die Tray Set	36 dies

Replacement Items

Part No.	Item Description
MA 7111	“B” Die Tray
MA 7112	“B” Punch Tray
MA 7113	Cover (x2)
MA 7114	End Clip (x4)
MA 7115	Handle Clip (x2)

Interlocking Tooling Storage System

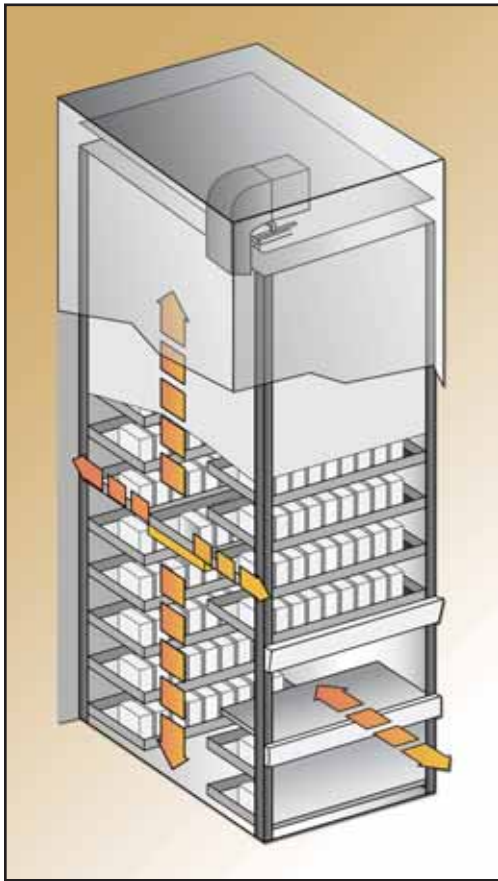


Vertical Lift Modules

Vertical Lift Modules

Vertical Lift Modules (VLMs) provide functionality in compact automated storage and retrieval systems while saving floor space and increasing productivity. The dual inverters and advanced extractor mechanism, which operate in the vertical plane, allow for quick cycle times. The computer-controlled platform transfers storage trays from the access port to an appropriate storage location. The variable tray speeds permit sensitive and nonsensitive inventory to be stored in the same module. While the trays remain in the module, they are protected from the outside environment. Multiple weight capacity trays can be used in the same module to store a wide range of items, optimizing costs and density. The OSHA friendly ergonomic design gives operators the ability to set their personal tray according to their specific height preference.

Trays and Tray Supports must be purchased separately.



Features

- ◆ 1" incremental storage
- ◆ Cable drive provides accurate, fast, silent operation
- ◆ Security locking roll-down front access door
- ◆ Durable powder coat paint finish
- ◆ Four-point tray suspension with central guiding system for reliable load balancing
- ◆ Bi-parting rear doors
- ◆ Clean operation due to no-lubrication drive system
- ◆ Up to 5 access ports can be installed pre or post installation
- ◆ Adjustable access port location(s) to meet user needs
- ◆ Modules can be used individually or integrated to increase operating efficiencies
- ◆ Light curtain protection in access port
- ◆ Automatic tray overload protection
- ◆ Emergency override for height and safety sensors

Vertical Lift Modules (VLMs)

Part No.	Tray Capacity	Exterior Dimensions
MA 7200	1506 lbs	55.51 x 90.39 x 144" (1410 x 2296 x 3658mm)
MA 7203	1351 lbs	87.63 x 114.49 x 144" (2226 x 2908 x 3658mm)
MA 7206	1063 lbs	143.8 x 126.54 x 144" (3653 x 3214 x 3658mm)

VLM Tray Supports

Part No.	Item Description
MA 7201	Tray Support for MA 7200
MA 7204	Tray Support for MA 7203
MA 7207	Tray Support for MA 7206

VLM Trays

Part No.	Item Description
MA 7202	Tray for MA 7200
MA 7205	Tray for MA 7203
MA 7208	Tray for MA 7206



Chrome Wire Shelving

Chrome Wire Shelving

Chrome Wire Shelving Units are the ideal solution for general storage. The shelving can be used individually or connected together to increase storage capacity while saving valuable space. Optional locking casters can be purchased to create a mobile unit.

Features

- ◆ Shelves adjust on 1" increments
- ◆ Posts are constructed of 1" round 16-gauge tubing
- ◆ Promotes air circulation
- ◆ Does not block lighting

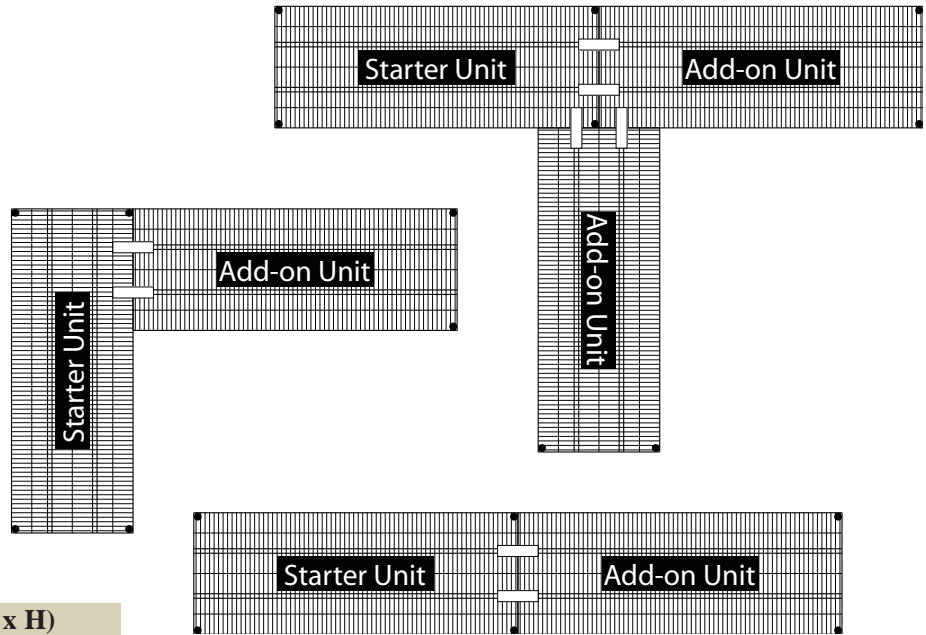
Shelf Length Shelf Capacity

48" or less	1000 lbs
60"	800 lbs
72"	600 lbs

Starter Units

- ◆ Includes 4 posts and 5 shelves

Part No.	Exterior Dimensions (L x W x H)
MA 6042	36 x 24 x 72" (914 x 610 x 1829mm)
MA 6043	42 x 24 x 72" (1067 x 610 x 1829mm)
MA 6073	48 x 24 x 72" (1219 x 610 x 1829mm)
MA 6074	60 x 24 x 72" (1524 x 610 x 1829mm)
MA 6075	72 x 24 x 72" (1829 x 610 x 1829mm)



Add-On Units

- ◆ Includes 2 posts, 5 shelves and 10 "S" hooks
- ◆ Starter Unit required to use Add-On Unit(s)

Part No.	Exterior Dimensions (L x W x H)
MA 6095	36 x 24 x 72" (914 x 610 x 1829mm)
MA 6096	42 x 24 x 72" (1067 x 610 x 1829mm)
MA 6097	48 x 24 x 72" (1219 x 610 x 1829mm)
MA 6098	60 x 24 x 72" (1524 x 610 x 1829mm)
MA 6099	72 x 24 x 72" (1829 x 610 x 1829mm)

Individual Shelves

Part No.	Dimensions (L x W)
MA 7010	36 x 24" (914 x 610mm)
MA 7011	42 x 24" (1067 x 610mm)
MA 7012	48 x 24" (1219 x 610mm)
MA 7013	60 x 24" (1524 x 610mm)
MA 7014	72 x 24" (1829 x 610mm)

Security Storage Shelving

Nickel-Plated Chrome Wire Security Storage Shelving provides an economical way to store valuable items. An open wire, 4-shelf unit (3 shelves are adjustable) features a 2 x 2" "window" to allow visibility of the items being stored. The front door handle can be locked for security (lock not provided). Optional locking casters can be purchased to create a mobile unit. Custom sizes are available. Please inquire.

4-Shelf Security Unit

Part No.	Exterior Dimensions (L x W x H)	Weight Capacity
MA 6093	48 x 24 x 60" (1219 x 610 x 1524mm)	1000 lbs per shelf



Optional Locking Casters

Non-marking, stem swivel casters create shock-free mobility for all shelving units and will support up to 1000 lbs. Casters are 5 x 1.25".

Part No.	Item Description
MA 6071	Set of 4 Locking Casters

Utility Carts

Utility Carts

Utility carts make transporting punches, parts and other supplies safe and simple.



Rubbermaid® Utility Carts

Rubbermaid Utility Carts clean easily, making them ideal for a variety of uses.

- ◆ Includes 5" swivel casters

Part No.	Shelf Dimensions (L x W)
MA 6000	30 x 16" (762 x 406mm)
MA 6001	Replacement Shelf – 30 x 16"
MA 6002	36 x 24" (914 x 610mm)
MA 6003	Replacement Shelf – 36 x 24"

Cart Cover

Part No.	Exterior Dimensions (L x W x H)
LE 7058	39.5 x 18 x 32" (1003 x 457 x 813mm)



Chrome Wire Utility Carts

- ◆ 2 or 3-shelf models available
- ◆ 3" donut bumpers
- ◆ Includes 4" locking casters
- ◆ Convenient push handles

Part No.	Shelf Dimensions (L x W)
MA 6040	2 shelves – 36 x 18" (914 x 457mm)
MA 6041	3 shelves – 36 x 18" (914 x 457mm)

Cart Cover

Part No.	Exterior Dimensions (L x W x H)
LE 7058	39.5 x 18 x 32" (1003 x 457 x 813mm)

