

TOP-TRACK™ HIGH-DENSITY STORAGE For MetroMax i™ and MetroMax Q



- **Maximizes Storage Capacity:** Top-Track can increase the storage capacity of a given area by 30% to 40%. The system allows more storage units to fit in a defined space. A movable, open aisle allows full access to each entire shelving unit thus eliminating hard to reach or “dead” spaces.
- **Easy Access:** The overhead track system guides the mobile units and opens an access aisle between any two units, whenever it is needed. The track is above the storage units enabling easy access for employees or for utility carts, simplifying the material handling task.
- **Cost-Saving Performance:** This efficient utilization of space addresses the storage needs of new or growing operations. In a new facility, less square footage would have to be dedicated to storage. In growing operations, MetroMax Top-Track can eliminate the need to expand the facility to handle increasing storage requirements, greatly reducing the costs associated with a growing business's needs.
- **Uniquely Interchangeable:** Mix and match MetroMax i™ and Q shelves and posts based on the application. Both shelf options feature removable polymer, open grid shelf mats for longer-life durability and easy cleaning. Corrosion proof MetroMax i™ offers a solid shelf option and better chemical resistance. Corrosion resistant MetroMax Q steel posts can improve the overall rigidity of the Top-Track system in higher weight bearing applications.

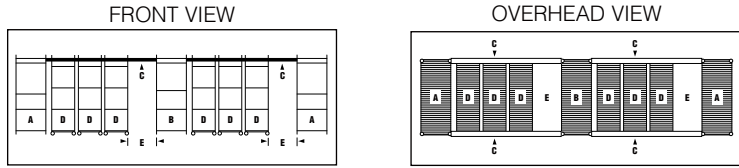
- **Clean Design:** Guide tracks are installed overhead enabling easy cleaning of floors. MetroMax i™ and MetroMax Q shelves feature removable polymer mats. *Microban antimicrobial product protection is built into the high contact areas of the shelving systems — shelf mats, frames, and posts — to inhibit the growth of bacteria, mold, mildew, and fungus that cause odors and product degradation. Microban product protection keeps the shelves and posts “cleaner between cleanings”.
- **Increased Productivity:** With reduced square footage dedicated to storage, MetroMax Top-Track maximizes the amount of productive “front of the house” space available, increasing daily revenues.

The system compensates for uneven floor surfaces. Floor should be smooth and free from large cracks or raised obstacles. Maximum load capacity for mobile units is 900 lbs. (400kg).

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SYSTEM COMPONENTS

- A** = Stationary End Units
- B** = Stationary Intermediate Unit (Optional)
- C** = Track Set
- D** = Mobile Units
- E** = Open Aisle



Stationary End Unit Kit

(Order one per Top-Track system)

Kit includes the hardware and components needed to connect track sets to two stationary end units. 86" (2185mm) posts included. Shelves are ordered separately. Choose from MetroMax i and MetroMax Q options.

End unit kit carton:

- Hardware: RPHDWE-TTECAP
- Footplates — 9993S (qty. 8)
- Stainless steel track support rails (qty. 4)
- Tri-lobal adapters (2 bags; each bag has 4 adapters)

Posts: 86" (2185mm) stationary posts, qty. 8

Fits Shelf Width		MetroMax i™	MetroMax Q™
(in.)	(mm)	End Unit Kit Model No.	End Unit Kit Model No.
18	457	MXTTE18	MQTTE18
21	530	—	MQTTE21
24	610	MXTTE24	MQTTE24

MetroMax i™ end unit kit includes polymer posts (MX86P). MetroMax Q end unit kit includes epoxy coated steel posts.

Additional Replacement Parts:

Tri-lobal adapters: MTLA (4 per bag)

End Unit track support rail:

RPMMAXTB-18A, RPMMAXTB-21A, RPMMAXTB-24A

Intermediate Unit Kit (Optional)

Required when track length exceeds 21' (6405mm). A stationary intermediate unit may be used at the discretion of the end user when track lengths are less than 21' (6405mm). Kit includes the hardware and components needed to connect track sets to one stationary intermediate unit. 86" (2185mm) posts included. Shelves are ordered separately. Choose from MetroMax i and MetroMax Q options.

Intermediate unit kit carton:

- Hardware: RPHDWE-TTECAP
- Footplates — 9993S (qty. 4)
- Stainless steel intermediate track support rails (qty. 2)
- Tri-lobal adapters (1 bag; bag contains 4 adapters)

Posts: 86" (2185mm) stationary posts, qty. 4

Fits Shelf Width		MetroMax i™	MetroMax Q™
(in.)	(mm)	Intermediate Unit Kit Model No.	Intermediate Unit Kit Model No.
18	457	MXTTA18	MQTTA18
21	530	—	MQTTA21
24	610	MXTTA24	MQTTA24

MetroMax i™ end unit kit includes polymer posts (MX86P). MetroMax Q end unit kit includes epoxy coated steel posts.

Additional Replacement Parts:

Tri-lobal adapters: MTLA (4 per bag)

Intermediate Unit track support rail:

RPMMAXTB-18MA, RPMMAXTB-21MA, RPMMAXTB-24MA

Mobile Unit Kit (Order one per mobile unit)

One kit is required per mobile unit. Kit includes posts, rigid casters, caster channels, bumpers, and roller assemblies. Shelves are sold separately. Choose from MetroMax i and MetroMax Q options.

Mobile unit kit carton:

- Rollers: MAXROL, bag of 4
- Casters: 5" polyolefin wheel, plated or stainless horn, axle
- Caster channels: Type 304 stainless, qty. 2
- Bumpers: M9992DBX, qty. 2

Posts: 74" (1890mm) stem caster mobile, qty. 4

Fits Shelf Width (in.) (mm)	METROMAX i™ MOBILE KIT		METROMAX Q™ MOBILE UNIT KIT	
	Plated Model No.	Stainless Model No.	Plated Model No.	Stainless Model No.
18 457	MXTTM18C	MXTTM18S	MQTTM18C	MQTTM18S
21 530			MQTTM21C	MQTTM21S
24 610	MXTTM24C	MXTTM24S	MQTTM24C	MQTTM24S

Additional Replacement Parts:

Caster: 5MOOR (plated), 5MOORSA (stainless)

Caster channel: 18RS, 21RS, 24RS

Track Sets

Includes necessary sections of track for assembling track runs of 6' to 21' (1830-6405mm). Only one track set is required between stationary units.

Replacement Joining Kit:
Model No. HDWE-TTJOIN

Note: TTS2.5NA includes a joining kit to connect the tracks to longer track sections.

Model No.	Length		Approx. Pkd. Wt.		Model No.	Length		Approx. Pkd. Wt.	
	(feet)	(mm)	(lbs.)	(kg)		(feet)	(mm)	(lbs.)	(kg)
TTS2.5NA	2 1/2	762	15	6.8	TTS14NA	14	4267	98	44.1
TTS6NA	6	1828	40.5	18.2	TTS15NA	15	4572	106.5	47.9
TTS7NA	7	2135	47.5	21.3	TTS16NA	16	4877	113.5	51
TTS8NA	8	2440	56	25.2	TTS17NA	17	5182	121	54.4
TTS9NA	9	2743	62.5	28.1	TTS18NA	18	5486	128	51.6
TTS10NA	10	3048	69.5	31.2	TTS19NA	19	5791	135	60.7
TTS11NA	11	3353	76.5	34.4	TTS20NA	20	6096	142	63.9
TTS12NA	12	3657	83.5	37.5	TTS21NA	21	6400	149	67
TTS13NA	13	3962	92	41.4					



Configuration Guidelines

1. Standard Top-Track models include 86" (2185mm) stationary posts and 74" (1880mm) stem caster mobile posts. If a taller system is required, consult Metro Engineering.
2. Mobile, stationary end, and intermediate units must have a minimum of 4 shelves.
3. Stationary Intermediate Unit is required when the track length exceeds 21' (6405mm). Intermediate kits include special support rails that attach to the overhead tracks on both sides of the intermediate unit. A stationary intermediate unit may be used at the discretion of the user when track lengths are less than 21' (6405mm) for the purpose of adding greater stability to the overall system.
4. Mobile Units: If 18" (457mm) wide mobile units are planned, the maximum allowable size shelf is 60" (1524mm) long. If 18" (457mm) wide by 60" (1524mm) long mobile units are planned, a maximum of five 18" (457mm) mobile units are allowable between two stationary units. 18" (457mm), 21" (530mm) and 24" (610mm) wide mobile units can be intermixed in a given system. The standard system requires 74" (1880mm) posts on the mobile units. Recommended maximum load rating for a mobile unit is 900 lbs. (410kg).
5. Under normal conditions, an aisle of 30 to 36" (760-914mm) is recommended. The storage of very large objects within the system, however, may require an aisle width larger than 36" (914mm).
6. To accommodate bumpers, the actual size of a mobile unit is 2.5" (63.5mm) wider than the shelf width shown. For example, an 18" (457mm) wide unit is actually 20.5" (521mm).
7. To calculate the overall length of a MetroMax or MetroMax Q Top-Track System, add the following: Nominal track length + Nominal widths of each end unit + 2" (51mm).

Installation Guidelines

1. If the MetroMax i or MetroMax Q Top-Track system is to be installed for single side access with the rear of the unit against the wall, provide 5" (12.7cm) clearance between rear wall and system to allow for room variations and system dynamics.
2. Floor should be level, smooth, and free from cracks and raised objects.
3. For new construction, it is recommended that flooring of suitable durability is used in areas where Top-Track will be installed. When such flooring is not an option, floor pad protectors are recommended to protect soft flooring materials from wear and tear.
4. Enclosure panels may be used on mobile units. Panels must be mounted to ensure they do not interfere with the tracks. When using the panels that are the same height as the mobile posts, simply mount these so that the top of the panel falls below the track. Or, use an enclosure panel that is one size shorter than the mobile post.

Mobile Unit — Space Calculator

(Use to help determine the quantity of mobile units and the open aisle dimension)

Nominal Shelf Depth	Actual Depth with Bumpers	Space Occupied by Each Quantity of Mobile Units										
		qty. 1	qty. 2	qty. 3	qty. 4	qty. 5	qty. 6	qty. 7	qty. 8	qty. 9	qty. 10	qty. 11
(in.) 18	20.5	20.5	41	61.5	82	102.5	123	143.5	64	184.5	205	225.5
(in.) 21	23.5	23.5	47	70.5	94	117.5	141	164.5	188	211.5	—	—
(in.) 24	26.5	26.5	53	79.5	106	132.5	159	185.5	212	—	—	—
(mm) 457	520.5	520.5	1041	1561.5	2082	2602.5	3123	3643.5	4164	4684.5	5205	5725.5
(mm) 530	593.5	593.5	1187	1780.5	2374	2967.5	3561	4154.5	4748	5341.5	—	—
(mm) 610	673.5	673.5	1347	2020.5	2694	3367.5	4041	4714.5	5388	—	—	—

Interchangeable Kits

- MetroMax i™ kits include polymer posts. Polymer posts **are** compatible with either MetroMax i™ or MetroMax Q shelves.
- MetroMax Q kits include epoxy coated steel posts. Steel posts are compatible with either MetroMax i™ or MetroMax Q shelves.

Retrofit notes — MetroMax i™

- MetroMax i™ shelves, posts, and wedges are not compatible with original MetroMax shelves, posts, and wedges manufactured prior to April 2009.
- MetroMax i™ Top-Track end and intermediate unit kits — track support rails, hardware — will fit original MetroMax.
- MetroMax i™ Top-Track mobile kit — casters, bumpers, and rollers will fit original MetroMax.
- Tri-lobal adapters that mount to post and hold the track support rails (MTLA) are **NOT** compatible with original MetroMax posts manufactured prior to April 2009.

Retrofit notes — MetroMax Q

- MetroMax Q Top-Track end and intermediate unit kits — track support rails — can **NOT** be retrofitted on original MetroMax Q units manufactured prior to April 2009.
- MetroMax Q Top-Track mobile kit — casters, bumpers, rollers, and posts will fit original MetroMax Q product manufactured prior to April 2009.



Order Guide

1. Identify the available floor space
Evaluate Top-Track configurations to fill the space.
The amount of space needed for the Top-Track unit is calculated by using this formula: Nominal track length + Nominal widths of each end unit + 2" (51mm).

2. Choose from MetroMax i™ or Q Top Track.
Choose **(1) end unit kit** based on shelf depth.
Choose **(1) track set** to fill the space.
Select **shelves**.

3. Determine the desired open aisle space.
Reference the Mobile Unit — Space Calculator table on the previous page to select the depth and quantities of mobile units.
Select **mobile unit kits** (including finish for the casters). One needed per mobile unit.
Select **shelves**.

Example:

1. 196" (4979mm) of floor space
12' track + 24" end + 24" end + 2" = 194"
3657mm + 610mm + 610mm + 51mm = 4928mm
Top-Track system can be assembled to fill 194" (4928mm) length of floor space.

2. End unit kit MXTTE24 (qty. 1)
Grid shelves MX2448G (qty. 8)
Solid shelves MX2448F (qty. 2)
Track Set TTS12NA (qty. 1)

3. Desired open aisle is 36" (914mm).
Tracks measure 12' or 144" (3657mm).
Available space for mobile units is:
144" – 36" = 108" (3657 – 914 = 2743mm)
Each nominal 24" (610mm) unit measures 26.5" (673.5mm) when you include the bumpers.
(4) 26.5" (673.5mm) deep units = 106" (2440mm)
Mobile unit kit MXTTM24C (qty. 4)
Grid shelves MX2448G (qty. 12)
Solid shelves MX2448F (qty. 4)

Top-Track Floor Pad Protectors

- Compensate for soft flooring materials by protecting the floor from normal wear and tear from mobile units.
- To make more applicable for sterile environments a bead of silicone (not included) is recommended to seal the seam between the floor pads and the floor.
- Material: aluminum

For Track Length			For Track Length		
(feet)	(mm)	Model No.	(feet)	(mm)	Model No.
6	1828	FPS6N	14	4267	FPS14N
7	2135	FPS7N	15	4572	FPS15N
8	2440	FPS8N	16	4877	FPS16N
9	2743	FPS9N	17	5182	FPS17N
10	3048	FPS10N	18	5486	FPS18N
11	3353	FPS11N	19	5791	FPS19N
12	3657	FPS12N	20	6096	FPS20N
13	3962	FPS13N	21	6400	FPS21N

Top-Track Wall Mount Bracket

Used to attach one set of tracks to the wall. Eliminates the need for a stationary end unit. Includes one pair of plated wall brackets. Hardware to attach the brackets to the wall is NOT included.

Model No. TTWM



TTWM

Top-Track Stop Plate Kit

Used in conjunction with the Wall Mount Bracket kit. The aluminum stop plates bolt to the underside of the track next to the wall brackets to prevent mobile units from bumping into the wall.

Model No. TTSTP



TTSTP