

Series 200 Compacting Mobile Storage System

Denstor's Series 200 Compacting Mobile Storage System provides maximum storage density and space savings. The Series 200 compacts rows of shelving units, eliminating unnecessary aisles between units to increase storage capacity by as much as 400%. Because Denstor carriages and track allow easy movement of shelving, one mobile aisle can be used to access the entire system.

- ↔ *Track conforms to ADA specifications*
- ↔ *Carriages will easily move up to 1,500 lbs. on ranges up to 9' in length.*
- ↔ *Low-profile tracks require no decking of false floors while maintaining easy foot and cart accessibility*
- ↔ *Retrieval times enhanced by placing more material along the main aisle*
- ↔ *Space savings up to 400%*
- ↔ *System access through just one mobile aisle*
- ↔ *Easily expanded or relocated to accommodate system growth*
- ↔ *ITAT Track Systems Available*



Series 200 Specifications and Component Features

Series 200 System - "compacts" rows of shelving units, eliminating unnecessary aisles between units to increase storage capacity. This system consists of multi-wheeled carriages riding on tracks anchored directly to a standard floor.

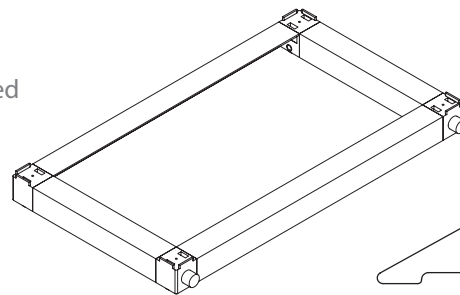
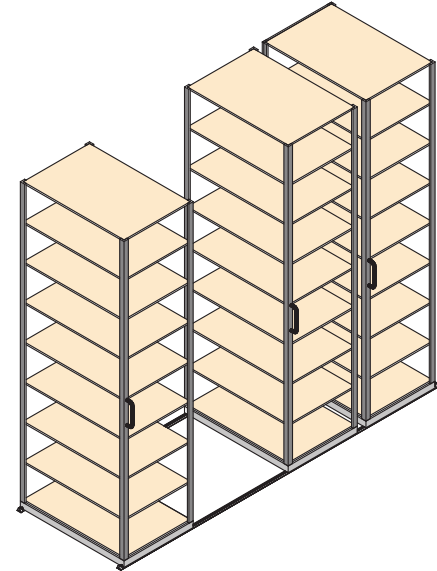
Carriages - are custom built to shelving unit dimensions and configurations. They are constructed utilizing 6063-T5 aluminum alloy rails. Rails are 2" x 2" x 1/8" extruded aluminum angles. Corner assemblies are molded from Zytel 82G33L nylon and support a 1-5/8" x 1/2" hardened steel, lubricated and sealed ball bearing on a 1/2" diam. steel axle. Mid Channels are custom placed in carriage at factory to conform to shelving configuration. Mid Channels are constructed utilizing 6063-T5 alloy aluminum C-shaped extrusion, measuring 2" x 2" x 1/8". Mid Channels support single wheel assemblies, with one 1-5/8" x 1/2" hardened steel, lubricated and sealed ball bearing on a 1/2" dia. steel axle and/or articulated wheel assemblies. The patented articulated wheel assemblies contain two 1-5/8" x 1/2" hardened steel, lubricated and sealed ball bearings mounted in an aluminum housing which pivots on a 1/2" dia. steel axle to conform to floor irregularities. This feature doubles the load capacity of a single carriage wheel and is used to support intermediate shelving uprights.

Track - will conform to minor floor irregularities without external support and anchor directly to existing floor with minimal floor preparation. Track is extruded from 6063-T5 aluminum with spring steel inserts to provide a wear resistance running surface for carriage wheels. The steel inserts consist of .062 x .250 CD1095 tempered steel. Steel inserts are installed in the aluminum extrusion at the factory, forming a "V" shape to provide a low rolling resistance to carriage wheels. Tracks do not require ramps or platforms and conform to ADA specifications.

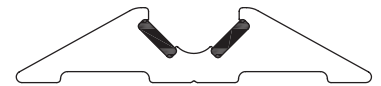
Height - Standard Series 200 carriage tracks are .40" in height. Series 200 ITAT Track is .49" high. Carriages are 2.5" high. When carriages are resting on carriage tracks, the bases of the storage units are typically 3" from the floor.

Weight Capacities - Each individual wheel assembly is capable of supporting a load of 550 lbs. and each articulated wheel assembly is capable of supporting a load of 1,100 lbs. The Series 200 carriages will easily move up to 1,500 lbs. on carriages up to 12' long.

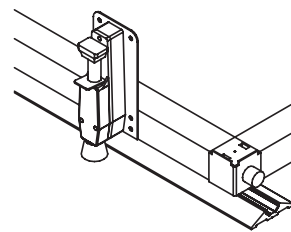
Effort of Movement - Carriages move easily requiring 5 lbs. of user effort for every 1,500 lbs. of storage load to move.



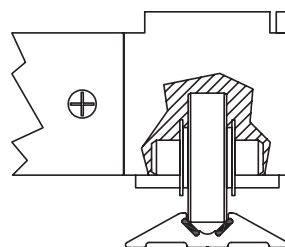
Series 200 Carriage



Series 200 Track



Foot Stops hold manual rolling carriages firmly in place by a rubber stop located on the outer rail of each carriage. Eliminating carriage drift and unintentional closing while accessing materials provides user safety.



Corner Wheel Assemblies

consist of a nylon molding supporting a sealed ball bearing wheel. The durable molding and wheel are utilized in all "V" Groove systems and provide carriage rigidity as well as supporting storage unit posts. Molded ledges atop each assembly securely retain shelving units.