

TECHNICAL SPECIFICATIONS FOR 'STEELMADE' COMPACTORS.

Manually operated & mechanically assisted Mobile Storage Systems slide smoothly & effortlessly on rails to provide maximum storage capacity by compaction thus saving valuable space and cost incurred in storing things .

*THE UNDERCARRIAGE:

***BASE FRAME:** The Base Frame shall be fabricated in 'C' Channel Type from 10 / 12 / 14 G M.S. CRCA sheets with size of channel 35 MM X 100 MM X 45 MM / 25 MM.

***GUIDE RAILS:** The Guide Rails shall be made out of 25 MM Square Bright Bars placed on a M.S. CRCA Track with end stoppers which will be above the floor as per International Standards of Safety. Addl Anti Topple Rail will be provided for the SFMU Unit at the end of the system.

***THE SUPERSTRUCTURE:** The Super Structure of the Compactor System will consist of Completely Knock Down Type Components such as Vertical Panels , 8 bend Shelves with Centre Stiffeners , Top Panel , Centre Partitions , Drive Cover Panels & Doors (if required) in 22 G (0.80 mm) CRCA Steel . **UDL per shelf will be 80 kgs.**

***CENTRAL LOCKING SYSTEM :** Will be provided on the last unit. When all the units are brought together the System Lock fitted on the last unit is engaged & hence does not allow access to the entire system .

***SAFETY LOCKING :** We also provide each moving unit with a Safety Lock which when engaged will prevent them from moving to avoid trapping and hurting the user inside .

* **TROLLEY DRIVE MECHANISM:** The wheels are fitted on Special Grade Antifriction Bearings to have a smooth & effortless movement .

***INDEXING APPRANGEMENT:** Acrylic Card Holders (1 / 2 Nos) will be provided on the front panel .

***DRIVE WHEEL:** We provide a 3 Prong Drive Wheel for better leverage , torque & easy movement of the trolley over the rails / **SS handles for push pull manual systems.** An Imported Mechanism with PU Coated wheels is also available at extra cost .

***PRE-TREATMENT:** All the above MS CRCA components go through a thorough 7 tank chemical process of De - Greasing , De - Rusting and Phosphatising .

***PAINTING:** The entire system is Epoxy Powder Coated in Structure Finish having a minimum thickness of 60 Microns.