



Jhansi

TRANSFORMER ENGINEERING DEPARTMENT

SPECIFICATION FOR COMPACTOR FILE STORAGE SYSTEM

A. GENERAL:-

The compactor file storage system shall be mechanically assisted type Mobile racking system consisting of modular components with intermediated boltless shelving. The system shall be provided with a centralized locking arrangement fitted to the last Mobile unit for locking of the entire compactor file storage system. Safety locking arrangement consists of push pull knob shall be provided on each modular unit such that the unit will not move when the operator enters the aisle.

B. TECHNICAL SPECIFICATION:-

- 1) Panels: All the panel to be used in the compactor storage system shall be of fold Box Type design and shall be made from approx. 0.8 mm thick CRCA sheet.
- 2) Shelves: Shelves shall also be made of approx. 0.8 mm thick CRCA sheet in fold type design sufficient to take the file load of approx. 50 kg (UDL).
- 3) Center Cladding Sheet: shall be made of approx. 0.6 mm thick CRCA sheet & shall have min 2 nos. ribs for strength & rigidity. This shall be in 2 parts in height & shall be used as center partition for DFM.
- 4) File supports: Adjustable file supports shall be provided one each in each compartment.
- 5) Base Frame: shall be fabricated from channel of approx. size 40 x 100 x 3 mm thick and internal members shall be of approx. size 25 x 100 x 2 mm thick made from HR steel.
- 6) Chain: shall be approx. 100 mm roller chain.
- 7) Wheel: shall be cast iron/steel of appropriate size as may be necessary for the entire compactor file storage system.
- 8) Index Arrangement: In acrylic of size 250 mm (H) x 125 mm (W) x 2.5 mm (Thick). Indexing arrangement on side and front panels are also to be given.
- 9) Individual locking: Incorporated in the steering for individual unit lock.
- 10) Steering/Drive wheel: shall be made of cast iron/steel with proper surface finish having 3 insert arms with a central Hub.
- 11) Central Lock: A Central locking Device fitted on the last Mobile Unit shall also form the part of the system.


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- 12) Color/Finish: - The entire material shall be epoxy powder coated as below:-
- Superstructure- RAL 7035 (Structured finish Light Grey)
 - Base Frame, Drive Mechanism Cover in Red color
 - Rails Epoxy Powder Coated in Black Color
- 13) The compartment/shelves of the system shall be designed for maximum utilization considering the box size of 350mm (H) x 300mm (W) x 80mm (Thick.)
- 14) The overall dimensions [L x B x H] of the compactors are as under:-
- Item-1: 3200 mm x 1700 mm x 2150 mm
 - Item-2: 2600 mm x 1700 mm x 1300 mm
- 15) System may be proposed as under:
- For Item-1
One single faced fixed unit of 1700 mm x 400 mm x 2150 mm
One single faced mobile unit of 1700 mm x 400 mm x 2150 mm
Four double faced mobile unit of 1700 mm x 600 mm x 2150 mm
 - For Item-2
One single faced fixed unit of 1700 mm x 400 mm x 1300 mm
One single faced mobile unit of 1700 mm x 400 mm x 1300 mm
Three double faced mobile unit of 1700 mm x 600 mm x 1300 mm
- 16) Installation & commissioning is mandatory and must be carried out by the supplier free of cost.
- 17) The offer should be submitted in Two Part bid.

C. WARRANTY:

Complete system shall bear warranty of 12 months from handing over of the system after installation & commissioning.

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