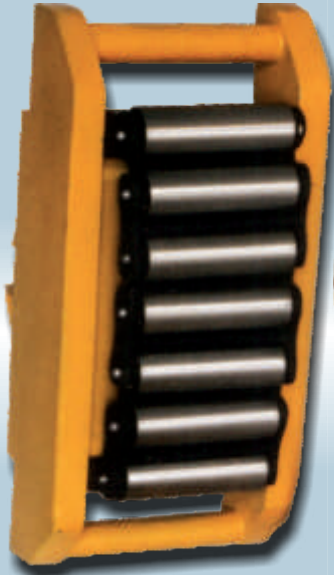




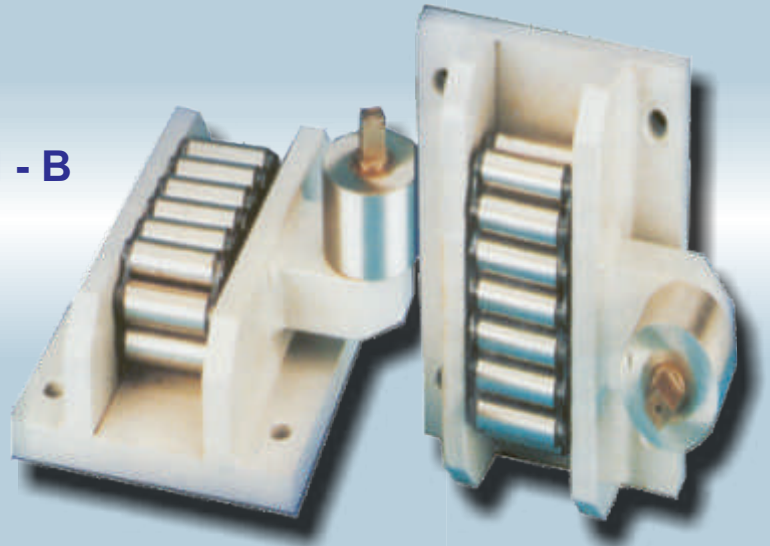
PAVAMAN Skid Rollers



PAVAMAN - 20T

for Smooth & Precise Conveyance

PAVAMAN - B



PAVAMAN SKID ROLLERS

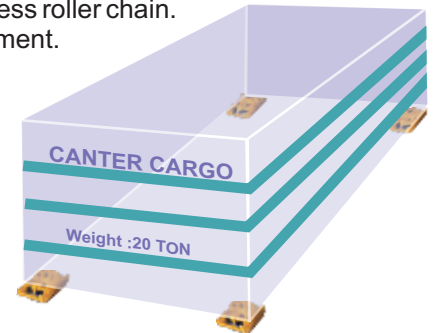
When it comes to moving heavy engineering Equipment, PAVAMAN range of Skid Rollers can be relied upon for smooth and precise conveyance. Hardly 125 mm height on shop-floor, a set of 4 skids carries up to 20 tonnes and requires ordinary worker's push to start moving the load wherever you want to take.

Technology :

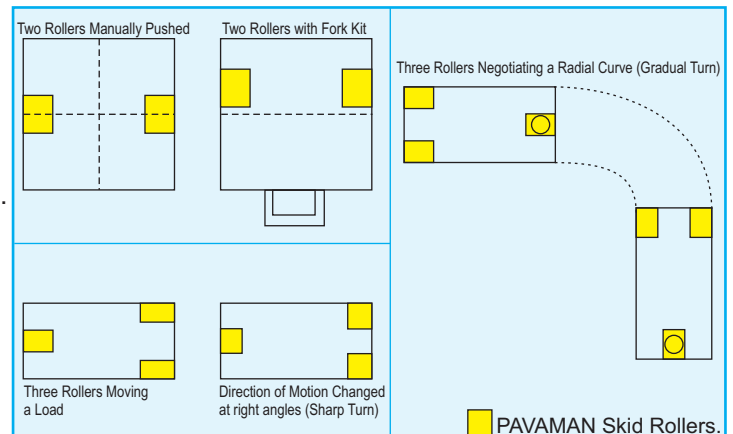
The skid roller consists of a main body, lockable index plate & a caterpillar type endless roller chain. This provides a high load carrying capacity (up to 20 tonnes) with swivelling arrangement.

Features and Advantages :

- Lesser gangway space is required, thus space utilization factor is improved.
- **Small turning circle, hence takes very little free space for movement.**
- Designed to act as 'Self Brake' for safe operation in restricted areas.
- **Bigger loads with larger base can be carried by cascading different sets.**
- Small and compact, takes very little storage space.
- **Close grain alloy casting provides higher impact resistance.**
- Chain & rollers made of carburising steel duly case carburised & hardened for resistance to wear & tear.
- **No additional space required for turning circle, separate turning arm, provided for this purpose.**
- Load bearing surface has swivelling arrangements with indexing facility to orient the direction.
- **Designed and spaced to act as "self brake" for safe operation in restricted area.**
- Interconnecting Bars are available separately on request.
- **Can act as a surface roller in specialised application.**
- Less wear and tear.
- **High impact resistance.**
- Nil maintenance.



PAVAMAN-20T are in use for transporting heavy machines & shipping cargo.



PAVAMAN Skids are Designed in Two Models

PAVAMAN - 20 T

The PAVAMAN - 20 T Skid Rollers can be relied upon for smooth and precise conveyance. Due to the small turning circle of its carrier platform, it requires very little free space for movement. Consequently, lesser gangway space is required, whereby the space utilization factor is improved. Movements of the loads can be from one point to another within the factory or for carrying structural pieces, machine parts to their precise location. PAVAMAN - 20T comes in a set of four and is equipped with a handle for changing the direction of movement.

TECHNICAL SPECIFICATIONS :

Length : 300mm
 Width : 150 mm
 Height : 125mm
 Weight per skid : 22 kg
 Force required : 25Kg to 50 Kg. Per tonnes depending on Floor Conditions.
 Max. Load Carrying Capacity : 20 tones with set of 4 skids.

APPLICATIONS :

The PAVAMAN - 20T provides excellent service for moving various types of heavy equipment, Heavy castings and machined tools, Conveying power station equipment. Bulky packages and Plant and machinery for heavy industries. Also for shifting of cargo in ports and heavy freight in Railways.

PAVAMAN - B

In our latest model PAVAMAN - B, the skids are so designed that they can travel on the flat of the I - Section. Using the through holes provided in the top plate of the skids, 4 skids can be assembled or welded together to make a trolley or carriage.

TECHNICAL SPECIFICATIONS :

Length : 210 mm
 Width : 175
 Height : 75 mm max.
 Load Carrying Capacity : 15 Tonnes with set of 4 skids.
 Force required to push the load is 5 to 7% of the load.
 The maximum velocity attainable is 7m/min.

APPLICATION :

With the PAVAMAN - B heavy and constant loads can be moved, over distances. This is very useful in the bridge building & mining industry.



An ISO 9001 Certified Company

INSTITUTE OF APPLIED RESEARCH

J - 297, M.I.D.C., Bhosari, Pune - 411 026. INDIA.
 Tel.: +91 20 271 20677 Fax.: +91 20 271 21217

web : www.iarpune.co.in
 email : iar@gispn01.vsnl.net.in