

		<u>OPERATING INSTRUCTIONS</u> <u>FOR USE WITH:- RSS, RSC, RSH, REX& RSX</u> <u>MULTI-ROLLER STEEL/IRON SKATES</u>		TDS:- 1292
Prepared by:-	Mark Dalley	Approved by:-	Matthew Hughes	Date:12/10/12
REV NO:-002				
ECO:- 3936				

RSS,RSC,RSH, REX AND RSX MULTI-ROLLER STEEL/IRON SKATES **INFORMATION FOR USE**

GENERAL NOTES.

All Hi-Force multi-roller skates operate by the action of an endless roller chain revolving round the centre member of the body. The load is borne by the rollers and the body thus allowing very large weights to be supported and moved. This system provides an extremely low coefficient of friction, usually between 3% and 7% of the total load when running on suitable hard surfaces.

RSS/RSC SKATES

- Can be used singly, in pairs or as a set of 4
- RSC kits also contain optional turntables for greater manoeuvrability of the load.
- RSC kits include link bars to enable 2 skates to be connected for greater stability.

RSHREX AND RSX FLAT BED SKATES

- Large flat steel load bearing area.
- All models have 4 bolt holes.
- Suitable for either bolting or welding to the load.
- Suitable for running on rails or in channels.
- REX and RSX feature a guidance channel for the rollers and are ideally suited for moving loads over longer distances.

CONDITIONS FOR SAFE USE:

- Make sure the surface you are running on is strong enough to support the load
- Whenever possible run on a flat steel surface (plate, channel, rail etc.) The harder the surface the easier the movement.
- All skates should be placed parallel to each other and to the direction of travel.
- Ensure running surface is free of debris.
- Maximum movement speed 5m/min.
- No excessive force to be applied to the skate to reset the direction of travel, e.g. striking with sledge hammer.
- When moving any heavy item it is important to ensure that the move is carried out by fully experienced persons and is supervised by a competent individual, who is capable of viewing the whole operation.

CARE AND MAINTENANCE

- Under normal working conditions very little maintenance is required.
- After use in a dirty environment, the skate rollers should be cleaned with paraffin or other suitable solvent and lightly oiled.
- Used in the correct manner Hi-Force skates will provide long and trouble free service.

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