

Roller Carrier

Accessory



TSGlobal
Conveyor & Polyurethane Specialists

Installation, Operation and Maintenance Manual

Revision History

Rev	Date	Description	Document Owner
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Contents

Section 1 – Important Information	4
General Information	4
User Benefits.....	4
Service Option.....	4
Warranty	4
Section 2 – Safety Considerations, Precautions and Correct Storage	6
Using Lifting Equipment.....	6
Correct Storage	6
Section 3 – Installation Instructions.....	7
Checklist	7
Before you begin:.....	7
Single Operator Lift	8
Two Operator Required Lift	9
Section 4 – Maintenance	10
Routine Visual Inspection (Recommended before every use)	10
Section 5 – Troubleshooting	11
Section 6 – Replacement Parts	12
.....	13

Section 1 – Important Information

General Information

TS Global is pleased that you have selected one of our products for your conveyor system.

This manual will assist in the understanding and operation of the product and allow it to perform at its maximum efficiency.

For safe and efficient operation, it is essential that the information and guidelines presented be properly understood and implemented. This manual will provide safety precautions, storage advice, installation instructions, maintenance procedures, recommended spares and troubleshooting tips.

If, however, you have any questions or problems that are not covered in this manual, please contact the nearest authorised distributor, or visit our website. www.tsglobal.net.au

All persons directly responsible for the installation, operation and maintenance of this product should read this manual thoroughly. Whilst we have attempted to make the installation and service tasks as simple as possible, optimum performance from the product will require correct installation, regular inspections, adjustments, and maintenance to maintain maximum efficiency.

User Benefits

Ensuring the correct installation and regular maintenance tasks are performed, our product will provide the following benefits to your operation:

- Increase conveyor availability and reliability.
- Reduced man-hour labour requirements.
- Lower maintenance costs.
- Increased service life for the cleaner and other conveyor components.
- Reduction in Safety Hazards around conveyor.
- Reduction in Environmental Impact.

Service Option

This product is designed to be easily installed and serviced by your on-site personnel, however, if you would prefer a complete turn-key service, please contact TS Global for a list of your nearest distributors.

Warranty

The warranty provided by TS Global Pty Limited (“TS Global”) is set out in the TS Global Terms and Conditions of Sale at clauses 6.1 to 6.5 inclusive. Those clauses are set out below: -

6.1 Subject to these conditions of sale, TS GLOBAL warrants that the Goods are free of defects both in material and workmanship and are of merchantable quality. The liability of TS GLOBAL pursuant to this warranty or any other warranty implied by operation of any statute including the Competition and Consumer Act 2010 (Cth) (as amended) shall be limited to the cost of replacing defective Goods, the cost of obtaining equivalent Goods, or the cost of repairing the Goods at TS GLOBAL’s discretion provided that in all such cases any costs of dismantling and reassembly shall be borne by the Customer.

6.2 The warranty set out at clause 6.1 is subject to the following:

- a) the warranty applies for a period of 12 months commencing on the date of invoice of the Goods;
- b) the warranty does not apply to consumable components that are subject to normal wear and tear;
- c) the Customer must provide TS GLOBAL with either an invoice number or purchase order number referencing the defective Goods;

- d) the defects to the Goods must have arisen solely from faulty materials or workmanship; and
- e) the damage to the Goods must not arise from:
 - i. incorrect installation of the Goods contrary to the instructions contained within TS Global's Installation and Operation Manuals;
 - ii. improper adjustment, calibration or operation by the Customer;
 - iii. the use of accessories including consumables, hardware, or software which were not manufactured by or approved in writing by TS GLOBAL
 - iv. any contamination or leakages caused or induced by the Customer
 - v. any modifications of the Goods which was not authorised in writing by TS GLOBAL;
 - vi. any misuse of the Goods by the Customer;
 - vii. any use or operation of the Goods outside of the physical, electrical or environmental specifications of the Goods;
 - viii. inadequate or incorrect site preparation;
 - ix. inadequate or improper maintenance of the Goods; or
 - x. incorrect handling of the Goods.

6.3 If the Goods are not manufactured by TS GLOBAL the guarantee of the manufacturer of those Goods is accepted by the Customer and is the only guarantee given to the Customer in respect of the Goods. TS GLOBAL agrees to assign to the Customer on request made by the Customer the benefit of any warranty or entitlement to the Goods that the manufacturer has granted to TS GLOBAL under any contract or by implication or operation of law to the extent that the benefit of any warranty or entitlement is assignable.

6.4 Except as provided in these conditions, all express and implied warranties, guarantees and conditions under statute or general law as to merchantability, description, quality, suitability or fitness of the Goods for any purpose or as to design, assembly, installation, materials or workmanship or otherwise are expressly excluded. TS GLOBAL is not liable for physical or financial injury, loss or damage or for consequential loss or damage of any kind arising out of the supply, layout, assembly, installation or operation of the Goods or arising out of TS GLOBAL's negligence or in any way.

6.5 Nothing in these conditions shall be read or applied so as to exclude, restrict or modify or have the effect of excluding, restricting or modifying any condition, warranty, guarantee, right or remedy implied by law (including the Competition and Consumer Act 2010) and which by law cannot be excluded, restricted or modified.

This Warranty Statement must be read in conjunction with TS Global's Terms and Conditions of Sale which can be located on our website www.tsglobal.net.au

Section 2 – Safety Considerations, Precautions and Correct Storage

Before installing, operating, inspecting or maintaining this product, it is important to follow and understand all relevant site and statutory regulations. Please review the following safety information.



All statutory and site regulations must be followed before undertaking the following activities. Failure to follow site safety procedures exposes workers to uncontrolled hazards which can result in serious injury or in extreme cases, fatality.

Personal Protective Equipment (PPE) must be worn to control the foreseeable hazards associated with conveyor belts. Confined space, tensioning devices and heavy components create a worksite that may expose a worker to harm. Mechanical devices such as cranes or chain blocks can reduce exposure to harm.

Once hazards have been identified, the installer should undertake written Job Hazard Analysis according to site requirements. The installer must identify all hazards and apply appropriate controls before proceeding with the installation or servicing of this equipment.

There are installation, maintenance and operational activities involving both isolated and operating conveyors. Each has a safety protocol, and it is your responsibility to be familiar with the sites requirements.

Using Lifting Equipment

The following activities must only be performed by a competent person:

- Pre-inspection of roller carrier strap and clasp
- Operation of roller carrier

NOTE: Never use roller carrier without clasp in the locked position.

NOTE: Never modify roller carrier strap or clasp

- Cleaning

Correct Storage

Provided goods remain stored within boxes or on pallets wrapped with plastic, TS Global products can be stored outside in all weather conditions. If packaging is damaged or removed, TS Global recommends that the products be stored under cover and out of direct sunlight to minimise deterioration of any componentry.

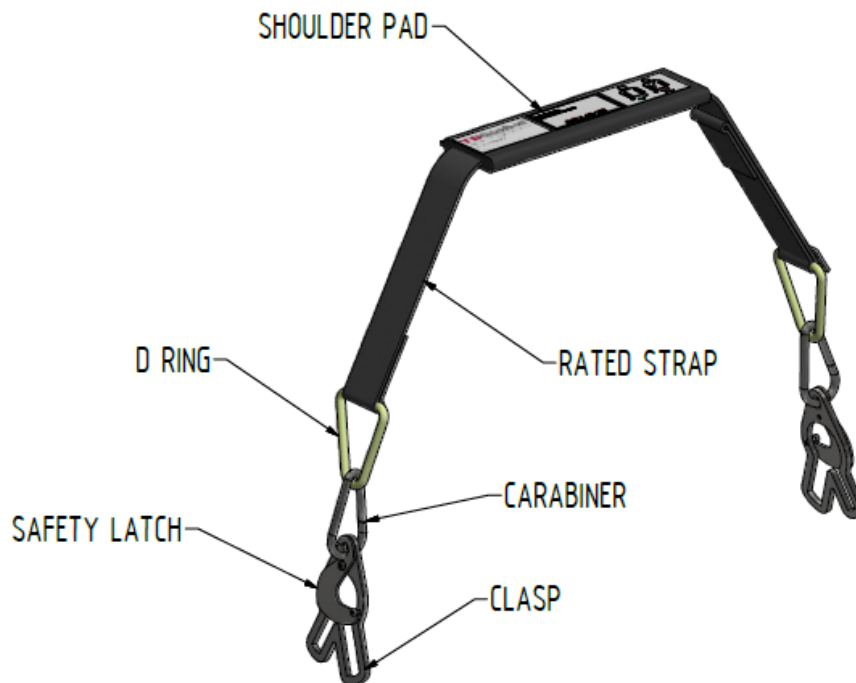
Section 3 – Installation Instructions

Checklist

- Check that the strap and clasp is undamaged
- Check that identification tag detail is legible
- Check to make sure all the parts have been supplied
- Check safety rating tag has been completed

Before you begin:

- Familiarise yourself with the main components of this product (Fig. 1a)
- Ensure mass of roller is checked and suits SWL of roller carrier
- Identify all correct lifting points
- Check identification tag is clearly visible and legible
- Roller carrier is only suitable for rollers with shafts AF 14 / 22



Use table as a guide only to determine the appropriate lift.

NOTE: Never lift beyond what you feel is safe.

	Single operator Lift	Two Operator required Lift
Roller Weight	<50kgs	>50kgs
Roller length	<1000mm	>1000mm

Single Operator Lift

1. Identify which AF slot is to be used on the clasp.
2. Open the safety latch on the clasp



3. Slide the roller shafts into clasps at either end
4. Close the safety latch on the clasp



5. Position yourself next to the roller bending at the knees not your back. Place the shoulder pad and strap onto your shoulder.

NOTE: Never place the strap over your head and position across your body, serious injury may occur

6. When lifting the roller ensure the safety latch on the clasp is still in the closed position. Once a downward load is applied to the clasp this will ensure the safety latch remains in a locked position.

Two Operator Required Lift

NOTE: Two roller carriers are required to perform the following, each step must be completed to each roller carrier.

1. Remove one of the clasps and carabiners from the D ring
2. Hook the remaining clasp and carabiner onto both D rings



3. Identify which AF slot is to be used on the clasp.
4. Open the safety latch on the clasp



5. Slide the roller shafts into clasps at either end
6. Close the safety latch on the clasp



7. With both operators positioned at either end of the roller bending at the knees not your back. Place the shoulder pad and strap onto your shoulder.

NOTE: Never place the strap over your head and position across your body, serious injury may occur.

8. When lifting communicate with the other operator, ensure the safety latch on the clasp is still in the closed position. Once a downward load is applied to the clasp this will ensure the safety latch remains in a locked position.

Section 4 – Maintenance

TS Global products are designed to operate with minimum maintenance, however, to maintain superior performance some service is required. A regular inspection and maintenance program should be established. This program will ensure that the product is operated in a safe manner and problems can be identified and rectified.

Routine Visual Inspection (Recommended before every use)

A visual inspection of the roller carrier can determine:

- Out of date inspection tag
- Damage to the strap such as fraying, cuts and chemical spills.
- Stress cracking to the clasp or carabiners
- Corrosion
- Defective clasps
- Missing or illegible identification tag

If any of the above conditions exist, a determination should be made on suitability for use. If unsuitable out of service tag should be placed with defects clearly marked and the roller carrier removed from service.

Section 5 – Troubleshooting

Problem	Possible cause	Possible solution
Safety latch will not lock	No load applied downwards on the clasp	Safety latch will only lock when carrying a roller.
Roller not lifting level	Shoulder pad and / or shoulder not centralised on strap	Centralise the pad to the centre of the strap. Position your shoulder to the centre of the strap
Damaged clasp or strap	Safe working load exceeded	Replace roller carrier
	Strap rubbing against sharp edges	Replace roller carrier

Section 6 – Replacement Parts



Roller Carrier	
Description	Part Number
Roller carrying kit 14/22 AF	69.12-001



TSGlobal

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