

Description:

Many stevedoring companies and shipowners are today looking for safer and more cost-effective container handling. The Timars C-Lift spreader is a flexible fixed frame spreader for handling of ISO containers. The spreader has a very low tare weight, which makes it perfect for ships and smaller cranes. The spreader is designed to withstand tough climatic conditions and harsh marine environments.

The spreader is equipped with fendering guidearms in order to ensure a safer and faster approach of a container. The locking system is automatic and works based on the gravity principle. The indicator arrow clearly shows the operator the open or locked twistlock position. This is a spreader for operators with high demands of efficiency and safety.



Body:

Approved by Swedish plant Inspection Authority in accordance with IKH 4.30.01 ed. 3 and ASS - letter 471.4.2907/80.

The spreader conforms with the provisions of Directive 2006/42/EG (machinery), appendix 2. CE-labeled.

Paint specification:

After degreasing and abrasive blasting to Sa 2.5, we apply 80um Epoxi Primer and 40um polyurethane top coat. The standard color is RAL 1028 Yellow.

Wire sling:

Galvanized steel wire with work certificate in accordance to SS-7655104 for 2 pcs 2-part slings with 50 ton master link 300x200x50.

Technical Information:

Length: 20' 6,052 mm
 30' 9,118 mm
 40' 12,185 mm

Width: 2,430 mm

Height: 500 mm (frame only)

Weight Excluding Wire Slings:

20' 950 kg
 30' 1,100 kg
 40' 1,200 kg
 40' Low Lift 2,500 kg

SWL: STD ALT (Different Wire Slings)

20' 32 MT 25 MT or 40 MT
 30' 32 MT 40 MT
 40' 40 MT 32 MT

Safety Twistlock Blocking System (STB-System):

The four twistlocks are working in conjunction with an interlocking system. If one or more of the twistlocks are blocked; for instance, caused by pressure put on the twistlock from beneath such as if the spreader twistlock is resting on the container roof; the twistlocks are prevented from locking and will remain in open position. This prevents premature locking of any twistlock that in such case has to be unlocked, so this feature saves production time. The arrows on top of the frame are working directly on the rod system and will therefore clearly indicate opened or closed position of the twistlock for the crane operator.

Locking sequence:

The locking system works on the gravity and lift principle. When the twistlocks are inside the corner castings and the main sling is tensioned it will also tension the vertical control chain that is attached to the master link and the twistlock mechanism. When the mechanism is activated (control chain is either tensioned or relaxed) it will alter the status of the twistlocks via a linked rod system from open to locked or vice versa.

Other facilities:

The spreader center beam is equipped with two forklift pockets for easy handling of the C-Lift spreader when not in use. Spring mounted guidearms are fitted to make it easier for the operator to locate the right position of the spreader above the container.



Documentation:

Each spreader is supplied with three sets of manuals that covers maintenance, operating procedures and spare parts. The manual also contains the labels that are placed on top of the spreader beam for indication of opened or closed position. Test certificate from Inspecta is also included.

Other certificates:

Timars Svets & Smide AB is approved ISO9001:2000 and ISO 14001:2004 company. Our welders have EN licenses.

Origin:

Manufactured in Sweden.

Part Number	Size	SWL / M.Ton	Tare Weight
6102-6765-32T	20'	32	950 Kg / 2,095 LBS
6102-6765-40T	20'	40	950 Kg / 2,095 LBS
6102-6766-32T	30'	32	1,100 Kg / 2,425 LBS
6102-6766-40T	30'	40	1,100 Kg / 2,425 LBS
6102-6767-32T	40'	32	1,200 Kg / 2,645 LBS
6102-6767-40T	40'	40	1,200 Kg / 2,645 LBS