

**Description:** Many stevedoring companies and shipowners are today looking for safer and more cost-effective container handling. The Timars HCA spreader is a flexible fixed frame spreader for handling of ISO containers. The spreader is light, which makes it suitable for ships and smaller cranes. The locking system is automatic and works based on the lift-gravity principle. The mechanical operation system is reliable and easy to maintain. It is also protected inside the frame which makes it less exposed to damages.

The HCA spreader is delivered in three pieces for easy assembling at the port. This reduces shipping costs since the spreader can be shipped inside containers.



**Frame body:** Approved in accordance to IKH 4.30.01 edition 3 and ASS - letter 471.4.2907/80. The spreader conforms with the provisions of Directive 2006/42/EG (machinery), appendix 2 and it is 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, each fitted with a 50 M. ton oblong master link 300x200x50.

**Technical Information:**

**Length:** 20' 6,050 mm  
40' 12,185 mm

**Width:** 2,430 mm

**Height:** 500 mm (frame only)

**Weight Excluding Wire Slings:**

20' 960 kg  
40' 1,300 kg

**SWL:** STD  
20' 32 MT  
40' 36 MT



# 20', 30' AND 40' LIFT SPREADER

TIMARS HCA

- Locking sequence:** *automatic* The locking system works on gravity and lift principle. When the twistlocks are inside the corner castings and the main sling is tensioned then the vertical control chain, going from main ring of main sling down to the mechanism, is activating the mechanism. When the mechanism is activated it will alter the status of the twistlocks, via a linked rod system, going from open to locked or vice versa.
- Optional Guidearms:** Spring mounted guidearms can be fitted as an option. These guides make it easy for the operator to quickly locate the right position on the container for improved productivity.
- Documentation:** Each spreader is supplied with three sets of manuals that covers maintenance, operating procedures and spare parts. Test certificate from Inspecta is also included. Other surveyor company proposed separately on request.
- Other certificates:** Timars Svets & Smide AB is ISO9001:2008 and ISO 14001:2004 certified and all welders have EN licenses.
- Origin:** Manufactured in Sweden.
- Part #:**
- |               |     |                      |
|---------------|-----|----------------------|
| 6102-7852-32T | 20' | 960 kg / 2,116 lbs   |
| 6102-7854-36T | 40' | 1,300 kg / 2,865 lbs |