Lifting frame

TLA-LFT-FRAME-01 Section 6 — **Container Adjusting / Lifting**



CATEGORY 6
Container Adjusting / Lifting

1 PRODUCT OVERVIEW

A container lifting frame (also known as a spreader frame or lifting beam) allows a single crane hook to lift a container safely by distributing the lift load evenly across all four top corner castings via integrated ISO-compliant lifting lugs. Without a lifting frame, rigging a container from a single hook creates an uneven load path that can rack the container structure, damage corner castings, or cause dangerous instability during the lift. The lifting frame is particularly useful in workshop, depot, and site settings where a telescoping spreader bar is not available or impractical. Available in fixed 20ft and 40ft configurations; adjustable-span variants can be arranged on enquiry. All TLA lifting frames are certified and rated in accordance with SANS 1594 and ASME B30.20 below-the-hook lifting device standards — each unit is supplied with a load test certificate and proof-load documentation.

[PHOTO REQUIRED — Lifting frame: hero shot, 3/4 angle on neutral background]

2 SPECIFICATIONS AT A GLANCE

SKU / Part No.	**TLA-LFT-FRAME-01**
Material	Structural steel S355/300W
Load Rating	SWL rated at order
Finish	Hot dip galvanised
Applicable Standard	SANS 1594; ASME B30.20 (below-the-hook lifting devices); ISO 1161 corner casting interface
Unit Weight	*On application*

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3 LOAD & PERFORMANCE DATA

Load Rating (SWL / MBL)	SWL rated at order — standard configurations 30 tonnes total; confirm container gross weight when ordering

4 DIMENSIONS & WEIGHT

Dimension	Value
Overall Dimensions (L × W × H)	*On application*
Unit Weight	*On application*

5 MATERIALS, FINISH & COMPLIANCE

Material / Construction	Structural steel S355/300W
Finish / Coating	Hot dip galvanised
Applicable Standards	SANS 1594; ASME B30.20 (below-the-hook lifting devices); ISO 1161 corner casting interface
Compatibility / Fitment	*On application*
Country of Origin	*On application*

6 APPLICATIONS

- Crane lifts in depots and yards without spreader bar
- overhead hoist lifts in workshops and buildings
- modified container positioning on site
- single-hook lifting where telescoping spreader bar is impractical

7 SAFETY NOTICES

⚠ **SAFETY**

Never exceed the stated safe working load. Inspect the unit and mating corner castings for damage before each use.

8 DRAWINGS, 3D MODELS & LATEST REVISIONS

CHECK FOR THE LATEST REVISION

This datasheet	DRAFT A · 2026-08-20 — verify current issue online
2D dimensioned drawing	On request — verify availability online
3D model (STEP)	In production — check availability online

Scan the QR code or visit twistlockafrica.co.za/go/tla-lft-frame-01 to confirm you hold the latest issue of this datasheet, drawing and 3D model before manufacturing or installation. Fields marked "On application" are pending final specification sign-off and will be populated at first issue (REV 0).

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