

Indus NEVA Safety Instructions & Operating Guidelines

This document provides operational guidance and safety requirements for the safe use of the Indus NEVA system.

1. Purpose

Ensure safe handling, filling, storage, transport and stacking of big bags using the Indus NEVA system while minimizing risks to personnel, products and equipment.

2. General Safety Rules

- Only trained personnel may assemble and operate the system.
- Always inspect the NEVA components before use.
- Do not use damaged poles, decks or locking components.
- Always follow local forklift and lifting regulations.
- Never exceed the approved stacking limits.

3. Assembly Instructions

- Install all poles before placing a filled big bag.
- If poles are taken out before loading a filled bag into the system, make sure that the complete orange cone is inserted in the deck, before using the system.
- If an empty big bag is installed in the system, make sure that all loops are attached correctly.
- Lockhead and Springhead poles must be mounted with the black parts facing away from the NEVA.
- Rolling Springhead poles must point inward with the black part.
- All poles within one system must have the same height.
- Correctly installed poles lean slightly outwards.

4. Filling & Unloading

- Filled bags: assemble the pole system before loading the bag.
- Empty bags: after filling, the bag must rest on the pallet and must never remain suspended from the poles.
- Ensure the load is stable before transport.

5. Stacking Instructions

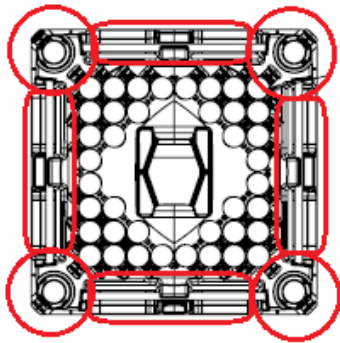
- Always inspect the Neva that is stacked on top of the lower Neva before placing it on top.
- Maximum stacking load: 6 tonnes.



- Maximum stacking height: 7 metres.
- Always place the heaviest load at the bottom.
- Never place a loaded system on top of an empty system.
- Use the shortest poles in the bottom stack.
- Contact Indus if stacking conditions differ from the standard application.

6. Inspection Before Use

- Do not use poles with dents, deformation or visible damage.
- Do not use decks showing cracks in the marked red zones.



7. Transport

- Secure all big bags according to local transport regulations.
- Transport certification applies only where the relevant EUMOS certification is valid.
- When lifting with a forklift, orient the bottom deck slide towards the forklift.

8. Emergency & Reporting

Immediately remove damaged systems from service and report defects to the site supervisor. Replace damaged components before reuse.



Customer Reference Photos

Stackability proof

	Customer: Deceuninck NV, Belgium NEVA: Springhead 1900mm, 1,5mm galvanized steel poles Total Height: 6030mm
	Customer: Mercury Plastics Inc., USA NEVA: Springhead 2400mm, 2,5mm galvanized steel poles Total height: 5020mm
	Customer: Baja Food Industries, Riyadh, KSA NEVA: Springhead 1750mm, 1,5mm galvanized steel poles Total height: 3770mm





Video Links

- Stacking explanation video:
https://youtu.be/z7EOnieFV4A?si=caAxJhcO0_I5cv8o
- General Neva usage video:
https://youtu.be/3A5TMj3CcRc?si=MnHM4pgR_5TXHqHk
- All Indus Videos: [Indus Bulk Logistics - YouTube](#)



FAQ

What tests have been performed with the Indus Neva?

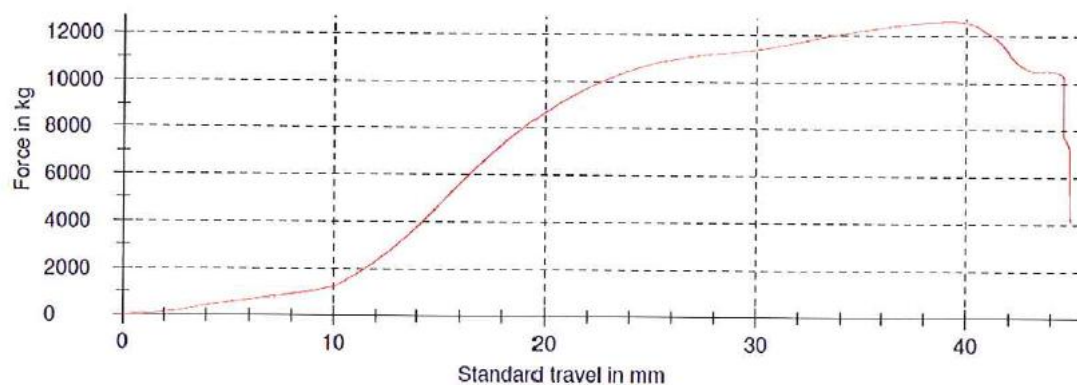
- Maximum load test (BVI): based on these test results, indicating that the maximum load of an Indus Neva system is 12.618KG, the maximum stacking load has been set to 6.000KG, approximately 50% of the maximum load.



4. Results

4.1 Compression

The compression is done at 10 mm/min
Pre-load: 100 N



$$F_{\max} = 12618 \text{ kg}$$

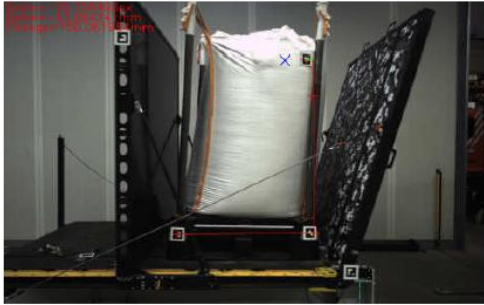
- EUMOS transport test: simulating the behaviour of the pallet system in a truck, BP and LP (stand-alone). Result: EUMOS40590 compliant for both tests.

Acceleration: 0,5 Direction: LP **EUMOS40590 compliant?** ☒

BEFORE THE TEST



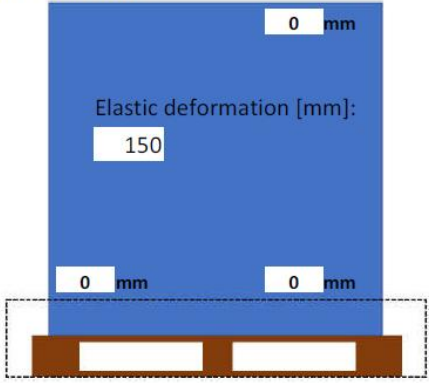
DURING THE TEST (max deformation)



AFTER THE TEST



DEFORMATIONS



Is it safe to stack the Indus Neva?

The Indus Neva Deck has been designed for safe stacking and is therefore easy to stack for medium-high skilled forklift drivers. Low-skilled forklift drivers should receive proper training before stacking the Indus Neva. Since the Indus Neva is safe while on the forks, stacking can always be done in a controlled and safe manner.

Please find our general conditions [here](#)