

Test Report from Load Test of Eurobox with Lifting Lugs OT0050

The test was performed by Stefan Källberg, Martin Lampi and Ingmar Baarman
Date: 1.3.2024

The tests were performed according to EN 13155:2020.

The Maximum load of the Euro Box was determined to 1000 kg

1. Accidental load test with 2 out of 4 hooks diagonally attached to the Eurobox.

Requirement – no plastic deformation after 1 minute.

Test load = 1,5 x nominal load 1,5 x 1500 kg = 1500 kg

2. Elastic deformation test with 4 out of 4 hooks attached to the Eurobox.

Requirement – no significant elastic deformation after 1 minute.

Test load = 2,0 x nominal load 2 x 1000 kg = 2000 kg

3. Plastic deformation test with 4 out of 4 hooks attached to the Eurobox.

Requirement – no plastic deformation after 1 minute.

Test load 3,0 x Nominal load 3 x 1000 kg = 3000 kg

Test results:

The Eurobox OT0050 fulfilled all requirements according to EN 13155:2020.
The loads were held for more than one minute for each test.
No plastic deformation or welding cracks were detected.

Pictures of each single test are attached on the following pages.

The Eurobox was additionally stacked 2 upon each other with the top Eurobox loaded with 2 x nominal load = 2000 kg. No significant instability or yielding was observed.

Tammet Oy

Stefan Källberg
CTO

Ekenäs / Tammisaari 5.3.2024

1. **Accidental load test with 2 out of 4 hooks diagonally attached to the Eurobox**
1,5 x Nominal load = 1500 kg
No plastic deformation, no welding cracks detected



2. Plastic deformation test with 4 out of 4 hooks attached to the Eurobox.
2 x Nominal Load = 2000 kg
→ No elastic deformation, no welding cracks detected



3. Elastic deformation test with 4 out of 4 hooks attached to the Eurobox
3 x Nominal Load = 3000 kg
→ No plastic deformation, no welding cracks detected



Picture from Stacking and loading test with 2 x nominal load in the upper Erobox (2000 kg) – no instability detected.



Kvalitet sedan
1946

Tammet Ab
PB 19
10601 Ekenäs

Telefon: +358 (0) 201 450 201
Fax: +358 (0) 201 450 202
E-post: info@tammet.fi

www.tammet.fi