

Test Bed (500 t)

35 meter long



Offshore | Lifting | Marine | Industrial

DYNAMICA
Ropes ApS



Horizontal Test Bed

35 meter long / 500 t

Dynamica Ropes offers break tests up to 500 t for fiber ropes, steel wire ropes, chains, lifting slings and other types of lifting gear.

All tests are 100% digitally integrated and testing of fiber ropes is done according to ISO 2307:2010.

Our Test Bed is flexible and allows modifications for tailor made test set-ups. According to the standards/test procedures to be applied, the Test Bed can be programmed to sequence loading rates, pause and cycle in advance.

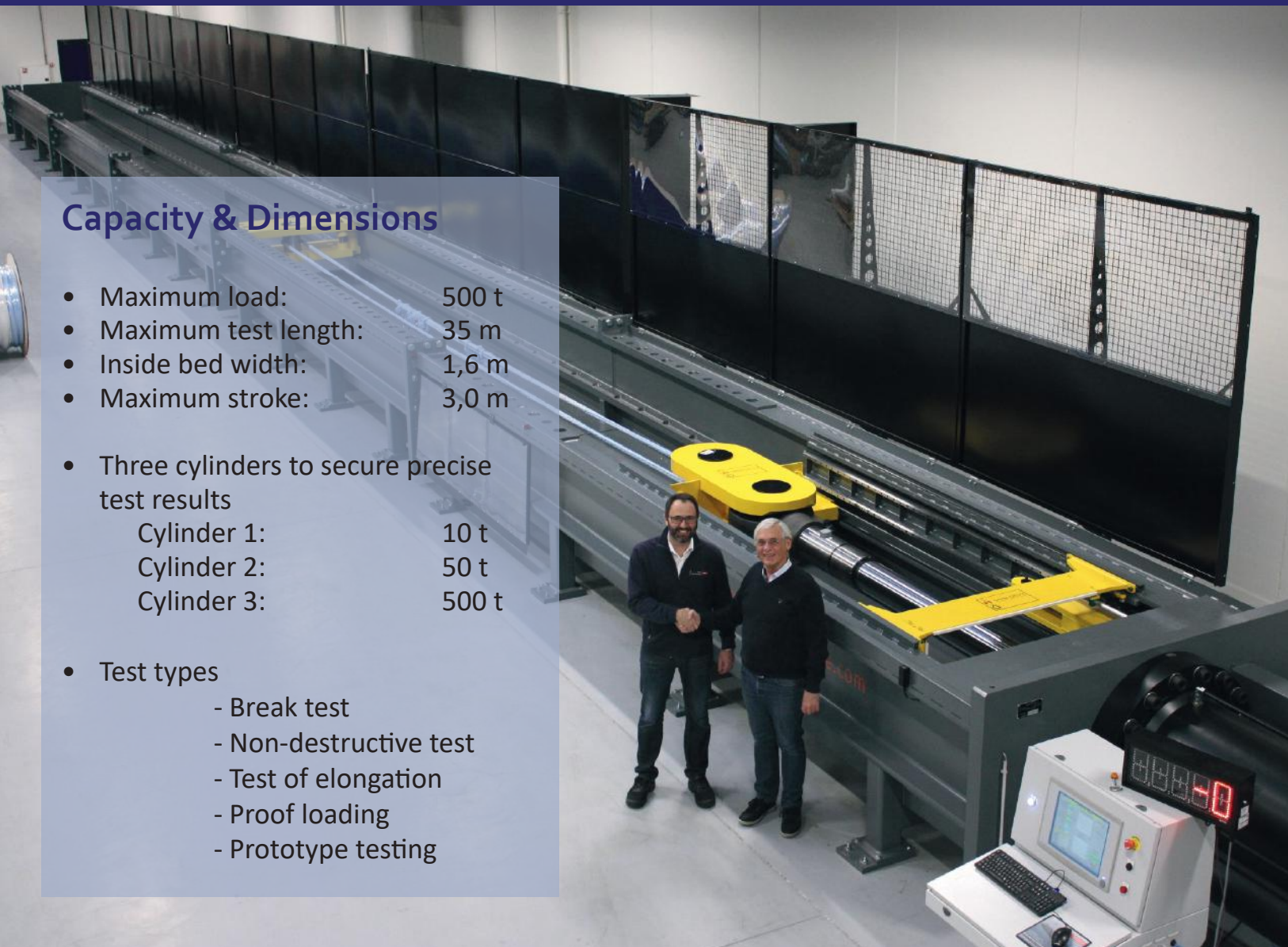
Video documentation on request.

Capacity & Dimensions

- Maximum load: 500 t
- Maximum test length: 35 m
- Inside bed width: 1,6 m
- Maximum stroke: 3,0 m

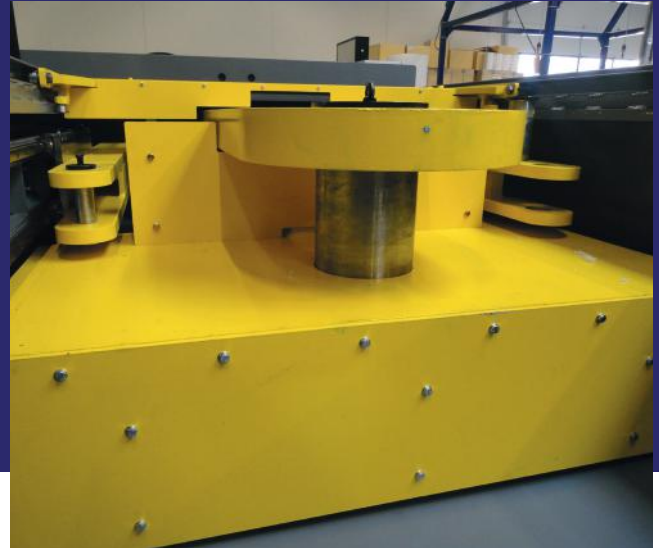
- Three cylinders to secure precise test results
 - Cylinder 1: 10 t
 - Cylinder 2: 50 t
 - Cylinder 3: 500 t

- Test types
 - Break test
 - Non-destructive test
 - Test of elongation
 - Proof loading
 - Prototype testing





Cylinders



Pins for 10 t, 50 t and 500 t

Splice Courses & Rope Test

Dynamica Ropes offers Splice Courses, where customers have the opportunity to learn how to splice ropes made with Dyneema®. During the course you will get the chance to test the quality of your splicing using our in-house Test Bed.

The course is held in our production facilities in Denmark and the program will be designed according to customer's needs.

Depending on the methods of splicing the course can vary between 1-3 days.

The customer receive a "Splicer Certificate", instructions, manuals and video records which will help to carry on with the splicing methods learned during the course.



Splicing of DYNAMICA rope

Rental & Certification service

Contact us if you are interested in booking the Test Bed.
All tests can be delivered with certificates.

Tel: +45 76225015
Fax: dynamica@dynamica-n
e-mail: dynamica@dynamica-n

Date & Time: _____

CERTIFICATE OF TESTING

Certificate Number: _____

Customer Data
Customer: Dynamica Ropes A/S
Supplier: _____
Contact: _____
Order Number: _____

Test Data
Type Of Test: Dynamica Test 1
Proof Load: 75.0t
Specimen: 46mm SK78
Tested By: ED
Dynamica Ropes AS, 160200188, Dynamica Test 1, 1.csv
File Name: _____
Comment: _____

Test Results	Load (t)	Ram Stroke (mm)	Videext. (mm)	Time (min.s)	Number of Cycles
Minimum:	0.0	0.0	996.9072	00 00.0	6
Maximum:	183.1	176.6	1039.8710	02 32.6	

Test End: Specimen break detected

Comment: _____

Test results are acceptable:
Test results are not acceptable:

Tested on SAHM SPLICE GmbH Proof-Load Destruction Test Machine - Serial /
Calibrated in accordance with EN ISO 7500-1:2004 Class 1 on 02.12.2015 with

SIGNATURE _____

Breaking Strength Certificate

We hereby certify that the Dynamica SafeLift Sling has been manufactured in the accordance with DS/EN 1492-4 + A1: 2008
It is certified that the product has been inspected it is in accordance with requirements of the customers order or as per our documentations mentioned herein.

CERTIFICATE NO. _____

Product Name: _____
Product Type: Dynamica SafeLift
Size / Length / Accessories: Single sling
Material: 22 / 6,0 / PES Cover
WLL: Dyneema®SK78
Identification: 10 t using u-lift
Batch no.: _____

I hereby certify that the above particulars are correct.

(Date and Signature)
Fredericia _____
Quality Assurance Representative

Dynamica Ropes ApS
Berupvej 80, Taulov
DK-7000 Fredericia
T: +45 76225015
F: +45 76225001

Customer: _____
Order No: _____
Customer Order: _____

DYNAMICA
Ropes ApS



DNV GL BUSINESS ASSURANCE DENMARK A/S



+45 76225015
dynamica@dynamica-ropes.com
www.dynamica-ropes.com

Find us on Social Media

