

# SE 100.02

## Hydraulic loading device, 2x200kN



1 loading device with press cylinder, 2 truss with load shoe SE 100.04

### Description

- two loading devices for generating compressive or tensile forces
- any position within the frame of SE 100

This accessory for SE 100 contains two hydraulically operated loading devices.

Each loading device consists of a double acting hydraulic cylinder and a hand-operated pump. The press cylinder of the loading device is double-acting, allowing both compressive and tensile forces to be generated. Similarly, if required it is possible to generate two exactly equal forces.

The loading devices are mounted on rollers and can be positioned at any point within the frame.

The pumps are mounted on a table. Pumps and press cylinders are connected by means high-pressure hoses and quick-release couplings.

### Specification

- [1] two hydraulically operated loading devices, especially designed for load tests with SE 100
- [2] supported on rollers and can be positioned anywhere within the frame of SE 100
- [3] two hand-operated two-stage pumps with automatic switchover
- [4] generation of compressive and tensile forces
- [5] accessories for SE 100, frame for load testing

### Technical data

- 2 press cylinders
- force: max. 200kN
  - stroke: max. 268mm
  - piston area
    - ▶ pressure: 31,6cm<sup>2</sup>
    - ▶ tension: 17,1cm<sup>2</sup>
  - force/pressure ratio
    - ▶ pressure: 0,310kN/bar
    - ▶ tension: 0,167kN/bar
- 2 pumps, two-stage
- lever force max.: 390N
  - pressure max.: 700bar
  - flow rate
    - ▶ 1st stage: 18cm<sup>3</sup>/stroke
    - ▶ 2nd stage: 2,8cm<sup>3</sup>/stroke
  - oil content: 2000cm<sup>3</sup>

Loading device  
LxWxH: 615x250x527mm  
Weight: approx. 77kg  
Table, Weight: approx. 42kg

### Scope of delivery

- 2 loading devices
- 1 table
- 2 pumps
- 1 set of hoses
- 1 set of tools

# **SE 100.02**

## **Hydraulic loading device, 2x200kN**

Required accessories

022.10000      SE 100      Frame for load testing, 400kN