LUKAS roll lifter

Lift and position rolls and align them with the optional swivel/tilt joint. Various lift heights for your production.



Application and equipment

Business area	**Converting**
Applications	**Label converting**

Description

PrintsPaul · Roll handling

Brings your rolls to working height.

Heavy material rolls belong on the right holder. LUKAS supports your team in lifting, moving and positioning, from roll supply through to loading your printing or converting machine.

Various lift heights, horizontal and vertical versions and an optional swivel/tilt joint make LUKAS a flexible solution for daily roll changes. We match the roll lifter to your rolls, your machine and your available space.

LUKAS in pictures

LUKAS in use

Product video. Equipment shown depends on the selected version.

Less effort when changing rolls.

The right height for your machine

The manual hydraulic lifting function makes it easier to lift and align the roll. With the right lift height, the roll change on your machine can be prepared in a targeted way.

Flexible between supply point and machine

The mobile design supports short distances in day-to-day production. Our adapted mandrel versions have an outer width of 600 mm at the support legs. We check under-ride clearance against the pallet you actually use.

The right holder for your rolls

Whether rolls are presented horizontally or need to change orientation before insertion, the decisive factors are the right holder and the permissible load. Various versions and the optional swivel/tilt joint are available for this.

The LUKAS model family

In addition to LUKAS 1800 and LUKAS 2200, there are compact sizes as well as horizontal and combined vertical/horizontal roll lifters. Further sizes and holders are available on request.

Ausführung Hub-/Ladehöhe max. Tragfähigkeit max. Rollenaufnahme / Anwendung LUKAS 850 / PJ4085 850 mm Nach Ausführung Kompakte Dorn-Ausführung LUKAS 1200 / PJ4120 1.200 mm Nach Ausführung Dorn-Ausführung LUKAS 1500 / PJ4150 1.500 mm Nach Ausführung Dorn-Ausführung LUKAS 1800 / PJ4180-D 1.800 mm 100 kg Dorn Ø 68 × 650 mm Dornmodell PJ4200-D 2.000 mm 200 kg Dorn Ø 68 × 650 mm LUKAS 2200 / PJ4220 2.200 mm Auf Anfrage Höhere Ausführung, Aufnahme nach Konfiguration Vertikal/horizontal 1200 1.200 mm 200 kg Materialbreite bis 400 mm, Rollen-Ø bis 800 mm Vertikal/horizontal 1600 1.600 mm 200 kg Materialbreite bis 400 mm, Rollen-Ø bis 800 mm Horizontal 1500 1.500 mm 200 kg Materialbreite bis 400 mm, Rollen-Ø bis 800 mm Rollenheber 330 1.560 mm 250 kg Rollenbreite bis 330 mm, Rollen-Ø bis 800 mm Rollenheber 420 1.560 mm 250 kg Rollenbreite bis 420 mm, Rollen-Ø bis 800 mm

Swivel/tilt joint option

Pick up a roll presented vertically and then load it horizontally into the machine: the swivel/tilt joint extends suitable roll lifters for this step. The crank-operated expanding head grips the roll via the 76 mm holder. The specified rotation range of this version is from 90° to 270°.

- Change roll orientation to suit the next process step
- 76 mm holder with expanding head and crank
- For vertical lifting and horizontal loading
- Separately configurable equipment for suitable models

PrintsPaul matches the mounting, roll holder and permissible load to the selected roll lifter. The load capacity of the entire combination is decisive.

Watch an additional video on vertical and horizontal roll handling ↗

Technical specifications

Merkmal LUKAS 1800 PJ4200-D / 2.000 mm LUKAS 2200 Tragfähigkeit 100 kg 200 kg Auf Anfrage Hubhöhe Bis 1.800 mm 150–2.000 mm Bis 2.200 mm Dorn Ø 68 × 650 mm Ø 68 × 650 mm Nach Konfiguration Stützbeine Außenbreite 600 mm 600 mm 600 mm Außenmaße laut Typenschild 1.050 × 600 × 2.030 mm 1.050 × 600 × 2.210 mm Auf Anfrage Eigengewicht 80 kg 85 kg Auf Anfrage

Further sizes and overall heights

Ausführung Hub-/Ladehöhe Bauhöhe / Maße Eigengewicht PJ4085 / LUKAS 850 850 mm 1.060 mm Bauhöhe Auf Anfrage PJ4120 / LUKAS 1200 1.200 mm 1.420 mm Bauhöhe Auf Anfrage PJ4150 / LUKAS 1500 1.500 mm 1.720 mm Bauhöhe Auf Anfrage Vertikal/horizontal 1200 1.200 mm 1.525 × 700 mm (H × B) 80 kg Vertikal/horizontal 1600 1.600 mm 1.725 × 700 mm (H × B) 80 kg Horizontal 1500 1.500 mm 1.725 × 700 mm (H × B) 80 kg Rollenheber 330 / 420 160–1.560 mm 840 × 650 × 1.700 mm (L × B × H) Auf Anfrage
Overall heights of the compact PJ variants according to the standard model overview. The modified 1,800 mm version is listed with the data from its rating plate. Roll holder, load capacity and dimensions are defined for the configuration ordered.

Which LUKAS suits your production?

Tell us the roll weight, roll width, roll diameter, core diameter and loading height. We will put together the right version for you, with a swivel/tilt joint if required.

Request advice and a quotation

RENT–TEST–BUY @PAUL

Rent the machine, produce under real conditions and decide afterwards. If you buy, part of the rent is credited.

printspaul.com/add-on/lukas-rollenheber

Consultation and quotation

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Despite careful checking, all information is provided without guarantee. Values depend on configuration and equipment. Subject to technical changes.