

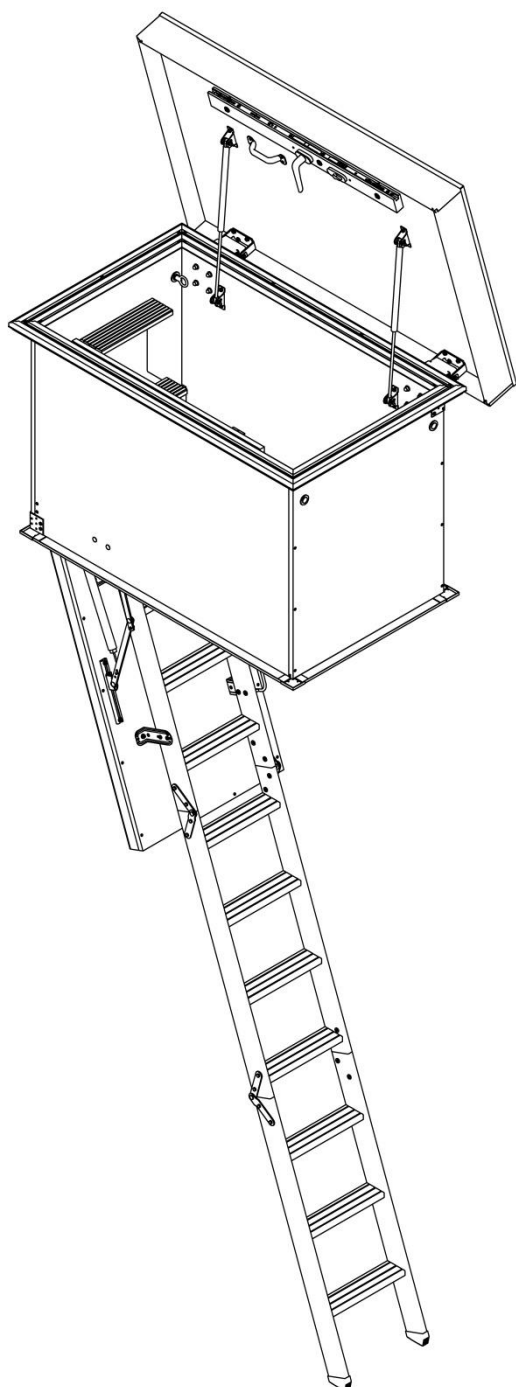
Einbauanleitung / Bedienungsanleitung

EN Installation manual
EN Operating instructions

FR Instructions de montage
FR Mode d'emploi

PL Instrukcja montażu
PL instrukcja obsługi

Flachdachausstieg Holzluke mit Holzleiter



DE Hinweise/Sicherheitshinweise

- Jede Änderung des Produkts oder ein nicht zweckmäßiges Nutzen wie beschrieben, löscht automatisch die Gewährleistung.
- Die allgemeinen Unfallverhütungsvorschriften beachten.
- Die Baustelle gegen herabfallende Teile sichern.
- Bauphysikalische Grundlagen wie Wärmedämmung und Feuchteschutz beachten.
- Der Einbau und Betrieb muss bei Normalklima erfolgen.
- Waagrecht, trocken und nicht im Freien lagern.
- Technische Änderungen vorbehalten.
- Verwenden Sie nur unveränderte Roto Originalteile.
- Beachten Sie Ihre landesspezifischen Bestimmungen.
- Erst nach kompletter Montage begehen.

EN notes / safety notes

- Every modification of the product or a not appropriate use of the product leads to loss of warranty.
- Please observe the safety regulations.
- Please make sure that no parts can fall down.
- Please note the basics of building physics and in particular thermal insulation and protection against moisture.
- The installation and the use must take place in a normal climate.
- Please protect untreated wood.
- Please store the stair horizontally and dry. Please do not store the stair outside.
- Technical changes reserved.
- Please use only Roto genuine parts and spare parts.
- Please note national regulations.
- Please install the stair completely before you use the stair.

FR Instructions/instructions de sécurité

- Chaque changement du produit ou utilisation détournée comme défini, supprime la garantie automatiquement.
- Respectez les instructions pour la prévention des accidents.
 - Sécurisez le chantier contre la chute des pièces.
- Respectez les principes de la physique du bâtiment comme isolation thermique et protection contre l'humidité.
- Le montage et le service doivent être réalisés à climat normal.
- Protégez les pièces en bois non traitées.
- A conserver à l'horizontale, au sec et pas au dehors.
- Sous réserve de modifications techniques.
- Utilisez uniquement des pièces d'origine non modifiées.
- Respectez les réglementations spécifiques de votre pays.
- Utiliser seulement après du montage complet.

PL Tips/ Informacje Bezpieczeństwa

- Jakikolwiek samodzielne zmiany w produkcie lub niewskazane użytkowanie automatycznie anulują umowę gwarancyjną.
- Proszę przestrzegać ogólne zasady bezpieczeństwa.
- Miejsce zabudowy proszę zabezpieczyć tak, aby żadna z części nie zsunęła się i nie spadła nikomu na głowę.
- Proszę zwracać uwagę na podstawowe zasady/ przepisy budowlano-fizyczne dotyczące np: ocieplenia, wilgoci.
- Montaż i użytkowanie tylko w umiarkowanym klimacie.
- Niezabezpieczone części drewniane, pomalować lakierem.
- Produkt przechowywać poziomo w suchym, zamkniętym pomieszczeniu.
- Proszę zwracać uwagę na zmiany techniczne.
- Proszę korzystać tylko z oryginalnych części Roto.
- Proszę dostosowywać się do specyficznych zasad regionalnych.
- Produkt gotowy do użytku tylko po zakończonym montażu.



...2



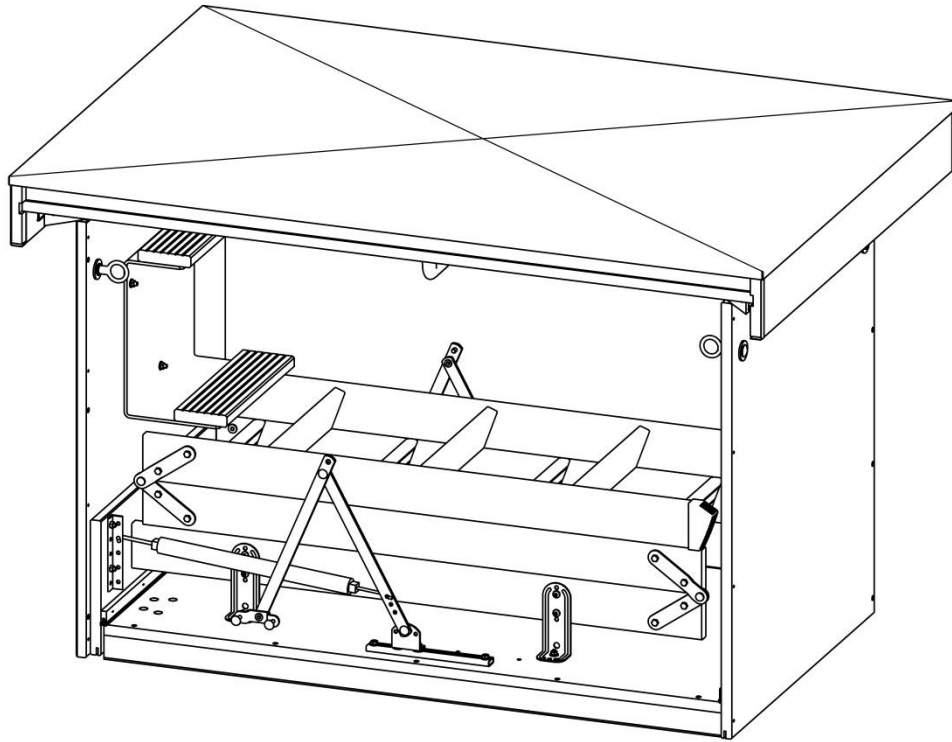
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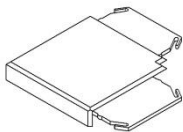
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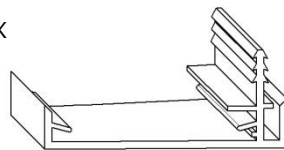
1 1x



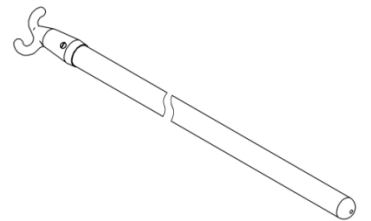
2 4x



4 4x



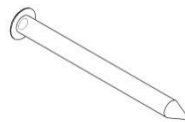
6 1x



3 1x



5 8x



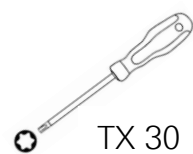
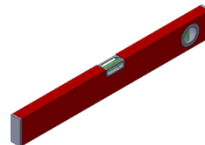
7.5x92 TX30



Ø 6 (Ø6,5)



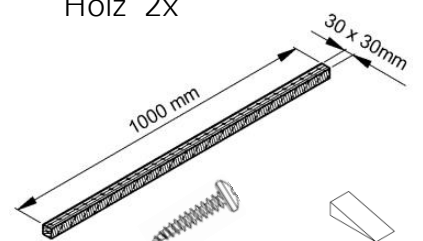
SW10



TX 30



Holz 2x



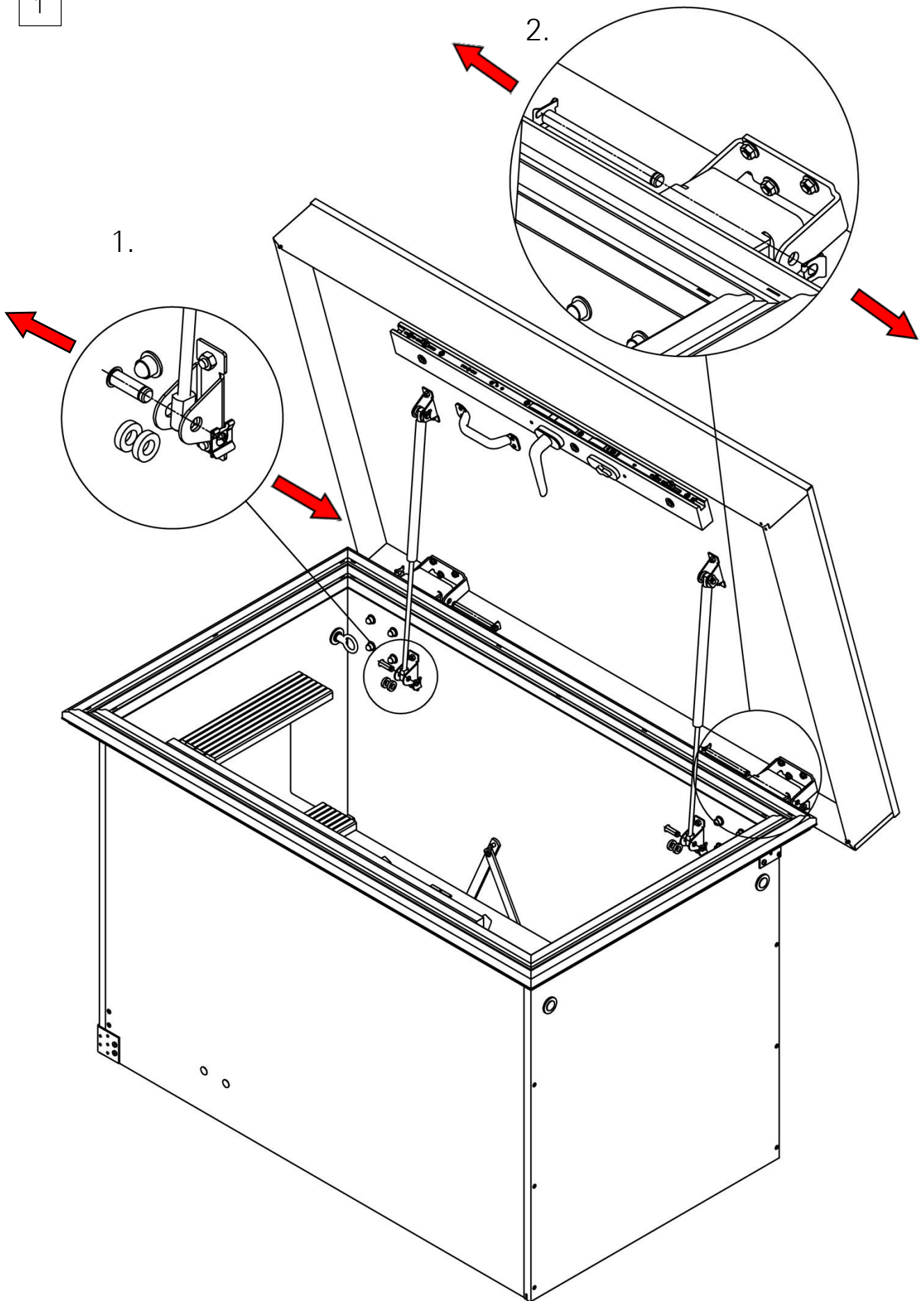
4,5x70 4x



4x



1





2



3

1x



2 verschiedene Montagemöglichkeiten / 2 different mounting possibilities



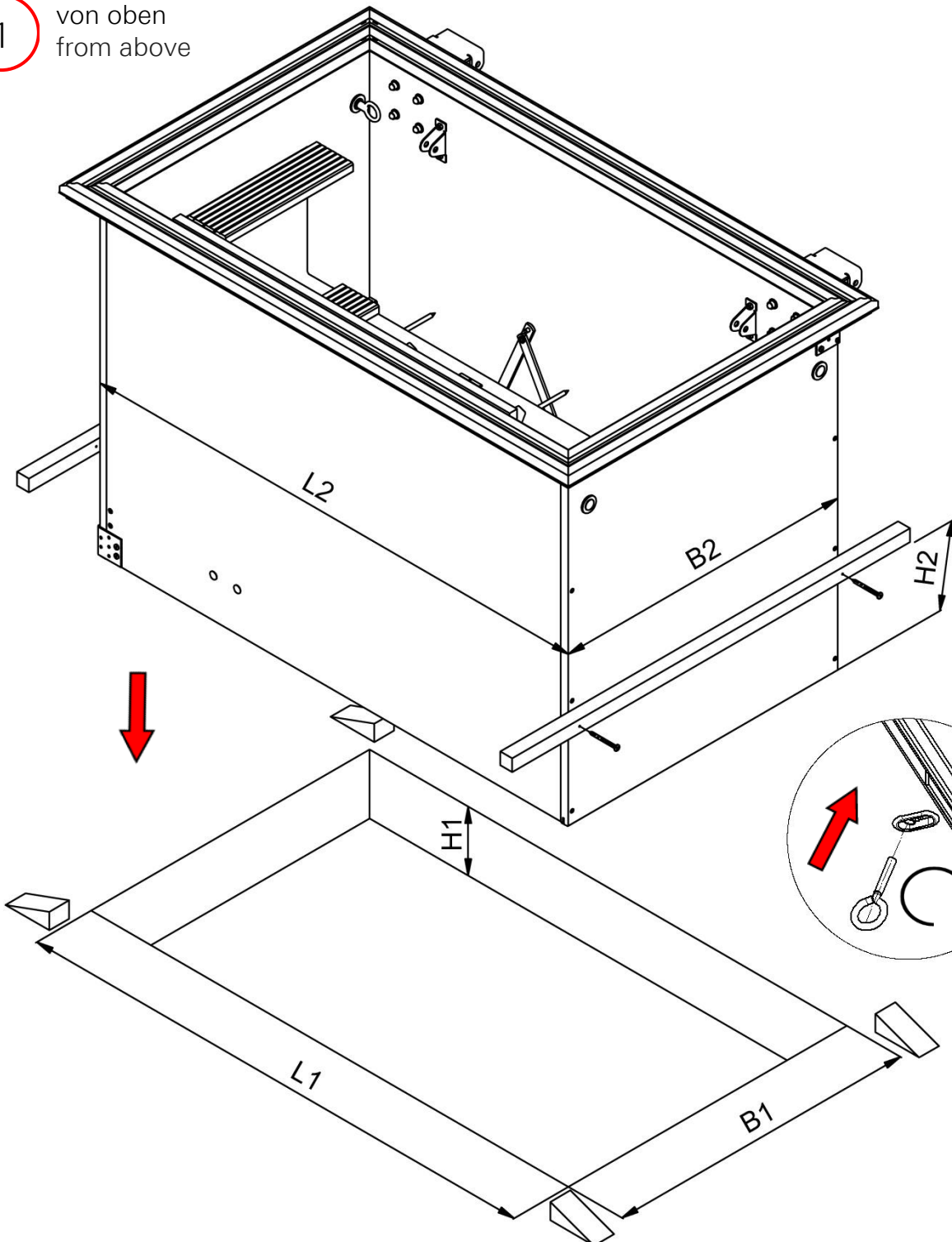
$L1 - L2 = 20\text{mm}$
 $B1 - B2 = 20\text{mm}$



$H1 = \text{Deckenstärke}$
 $H2 = H1 + 10\text{ mm}$

1

von oben
from above

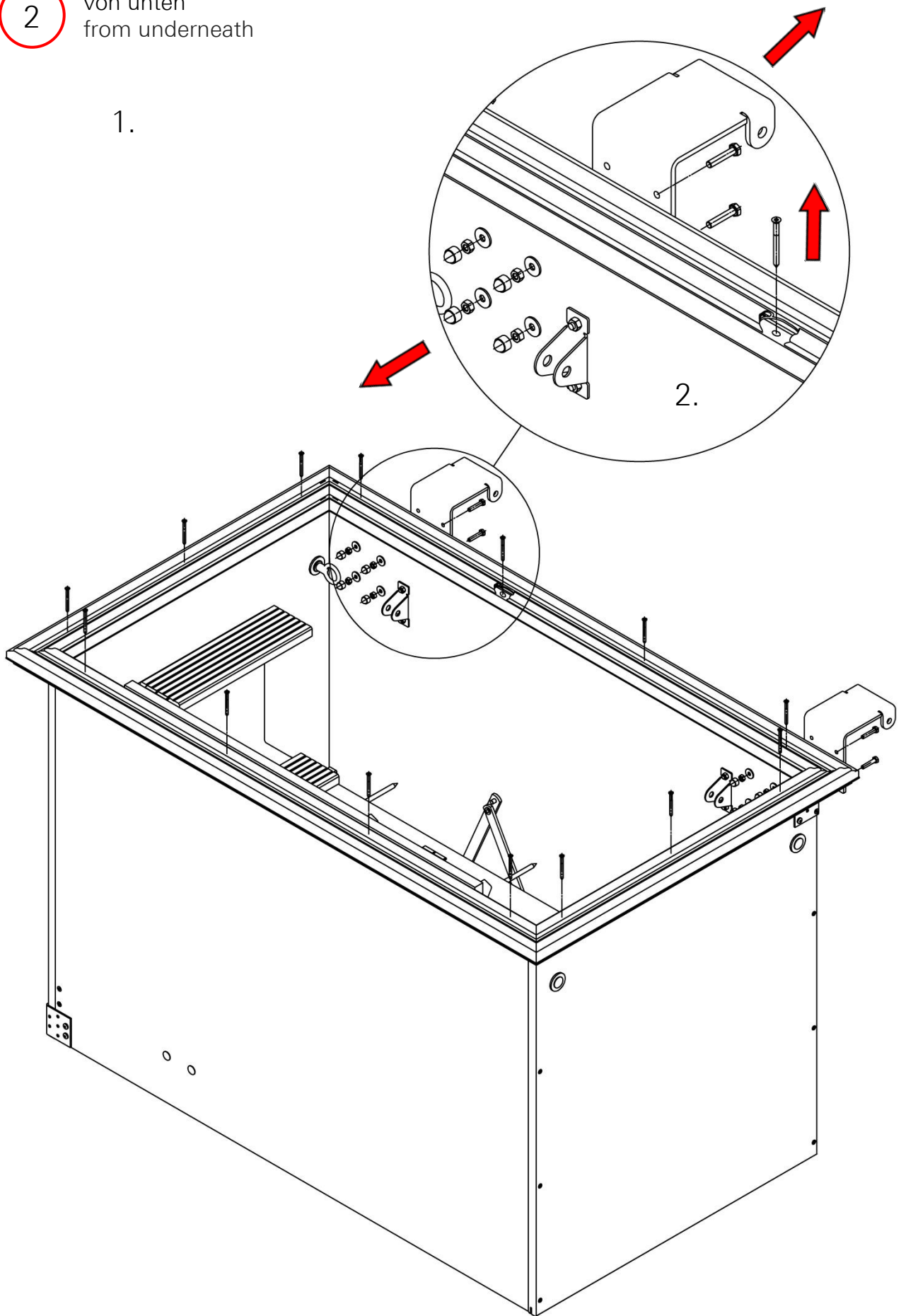


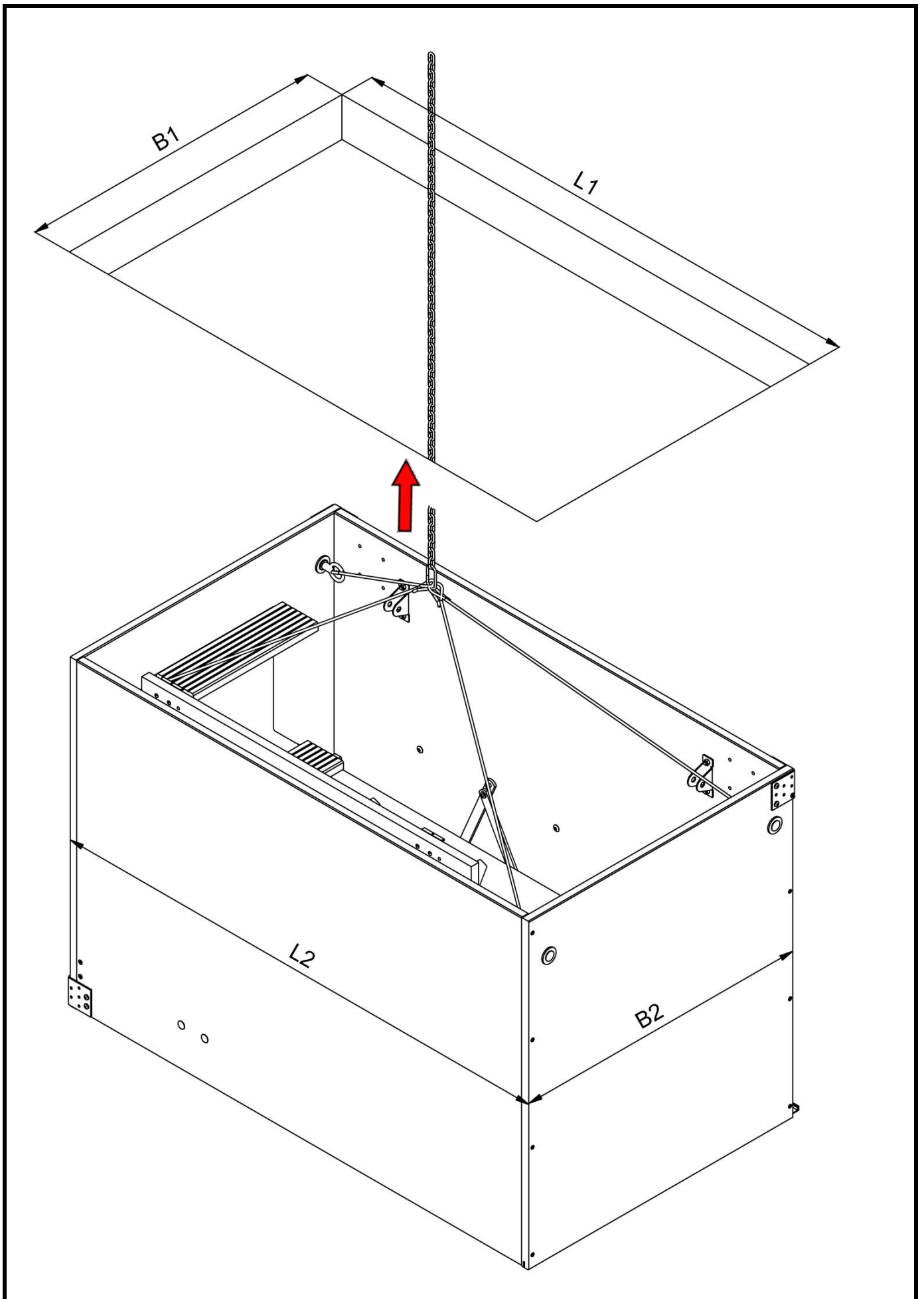


2

von unten
from underneath

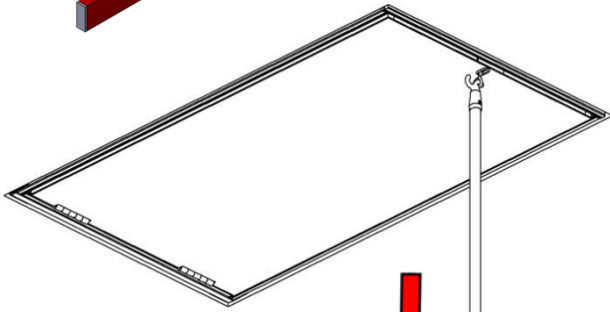
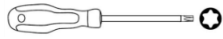
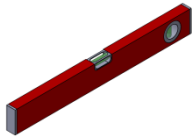
1.



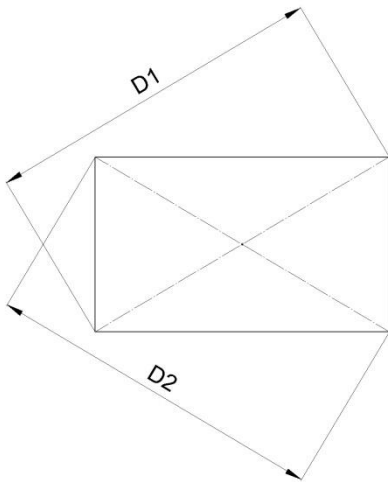




3

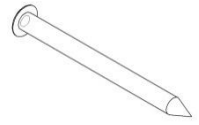


$D1 - D2 = \pm 1\text{mm}$

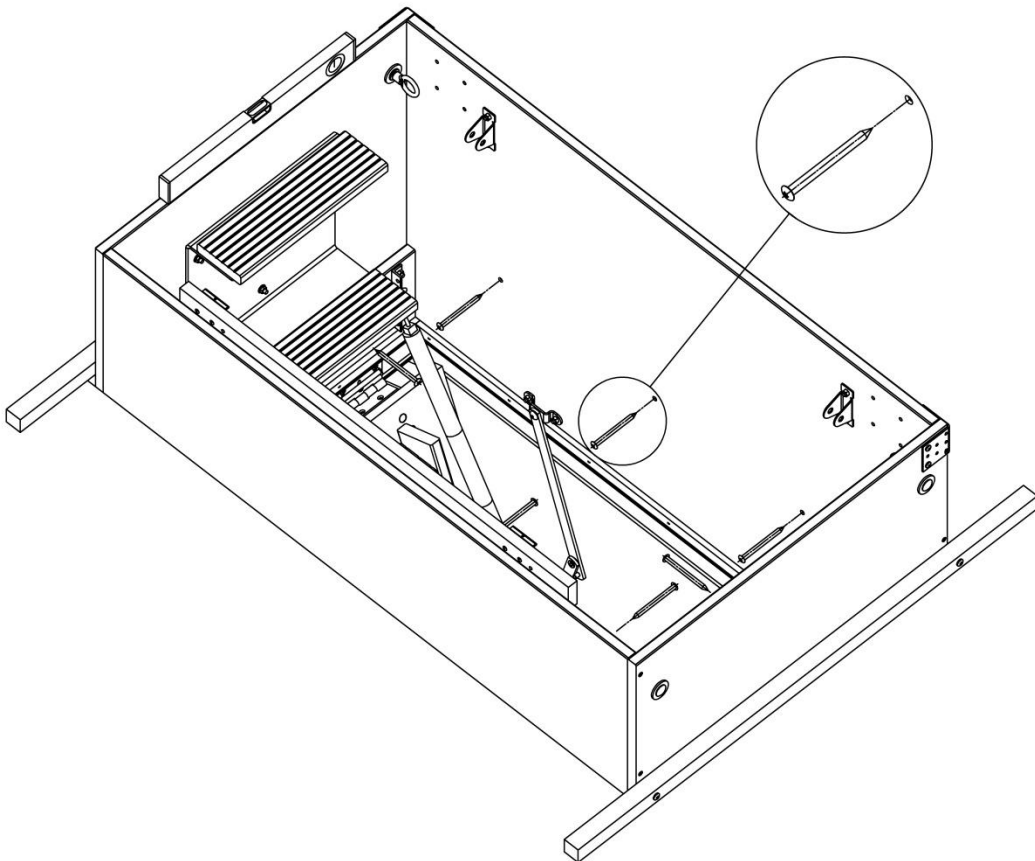
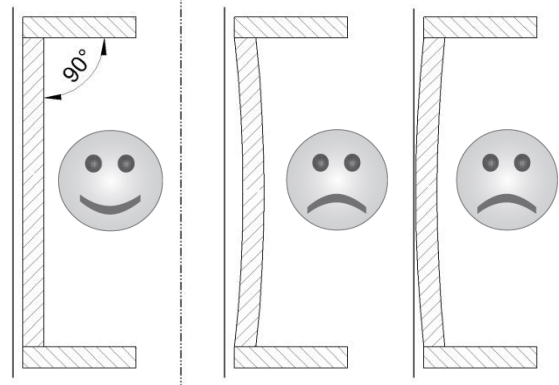
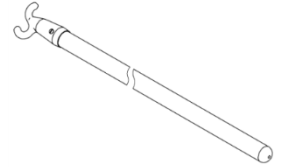


5 8x

7.5x92 TX30

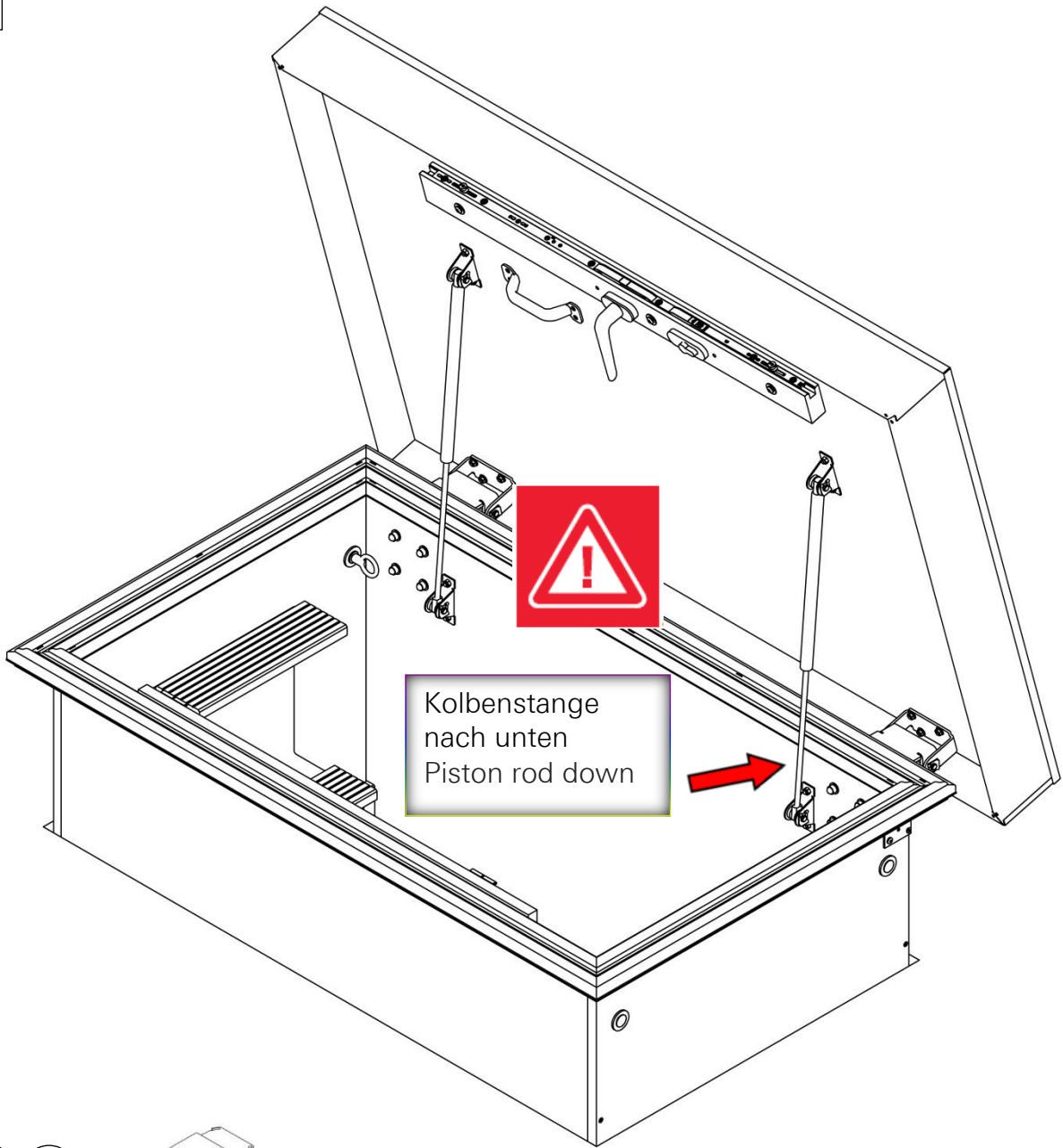


6 1x

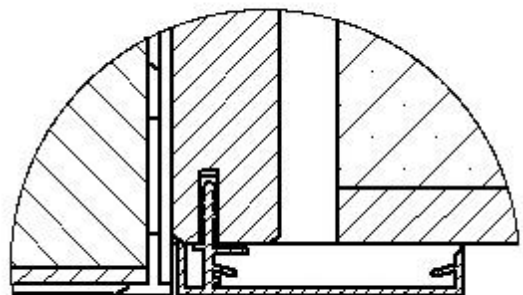
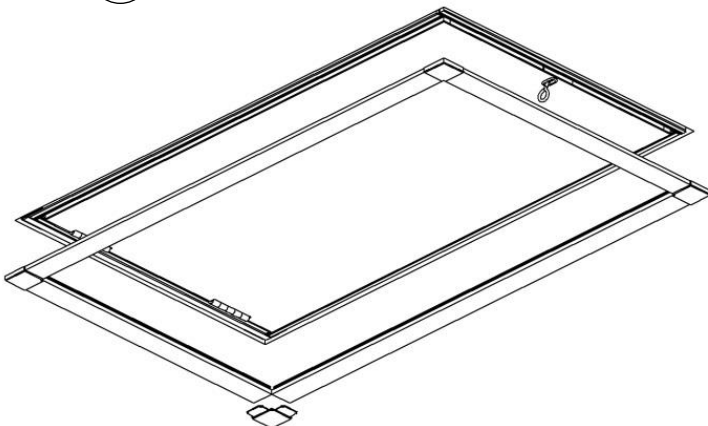




4



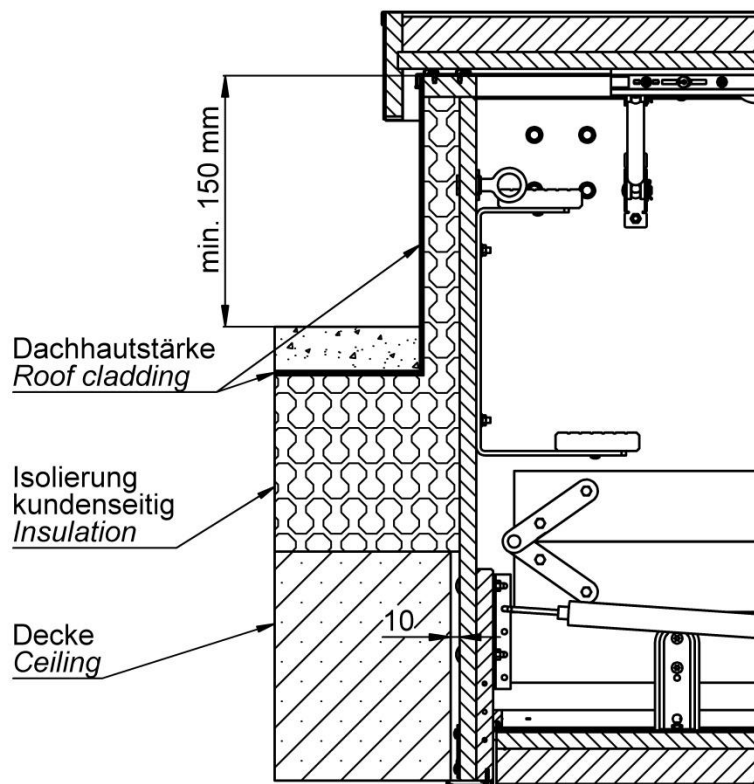
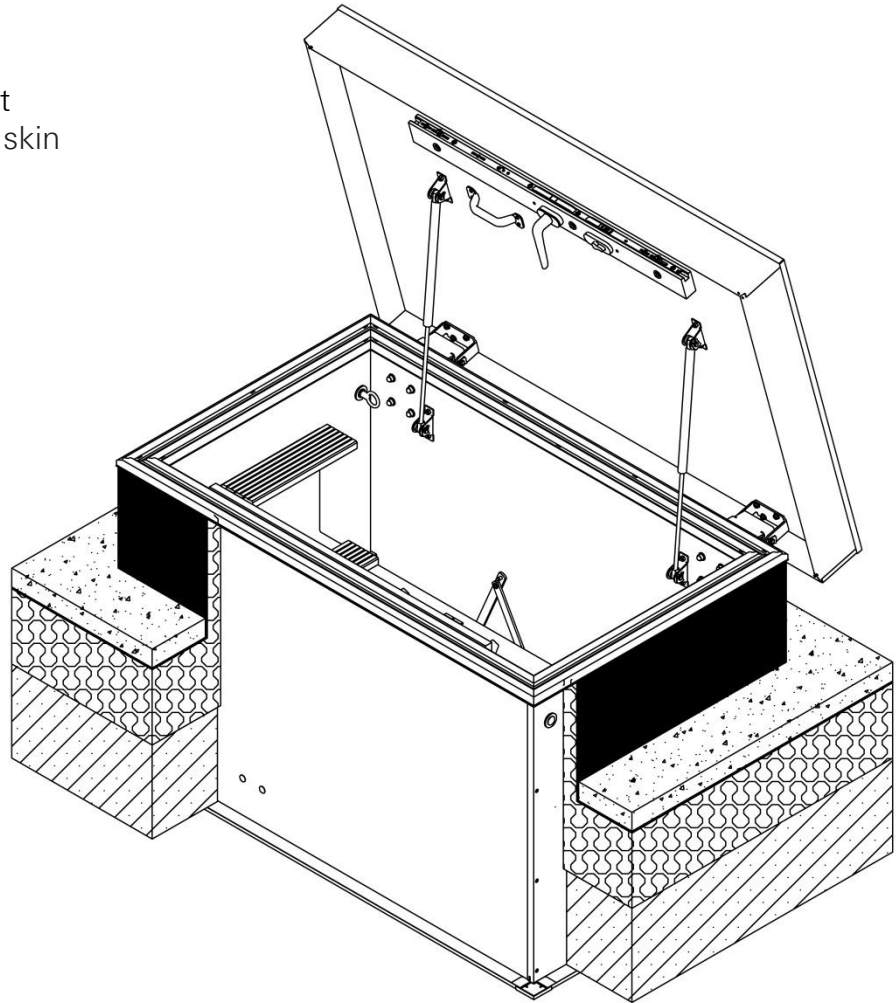
5





6

Anschluß der Dachhaut
Connection of the roof skin



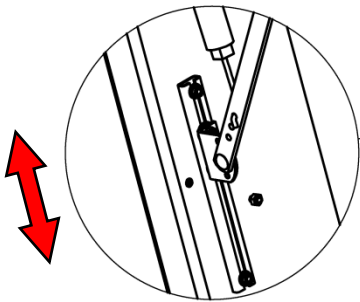
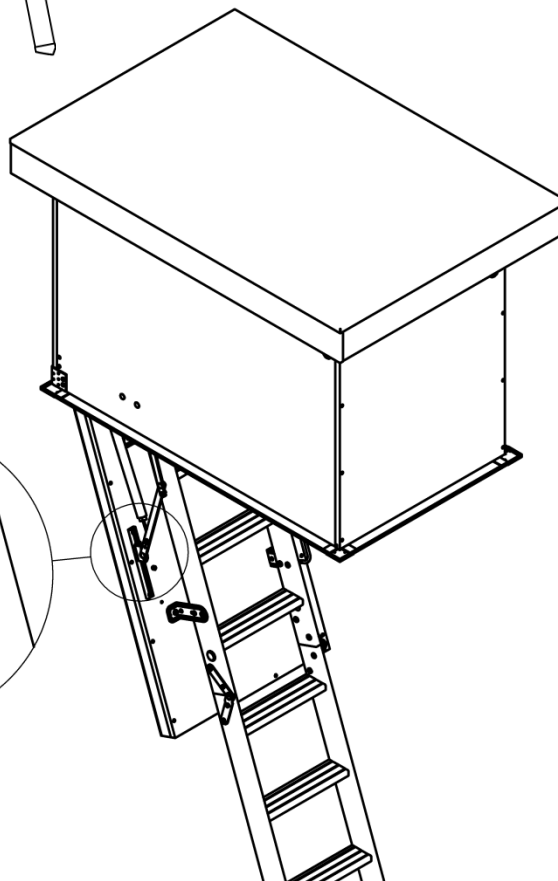
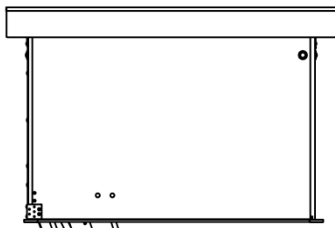


7

Feineinstellung der Treppe
Fine adjustment of the stairs

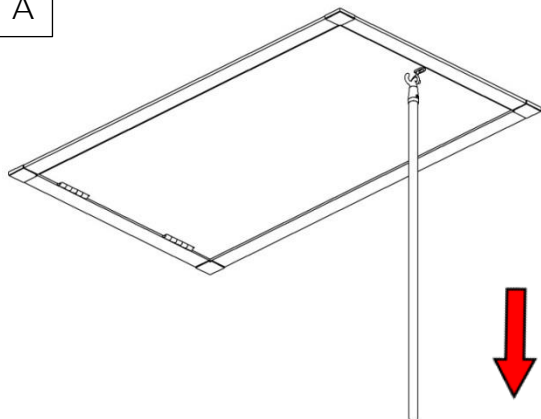


SW10

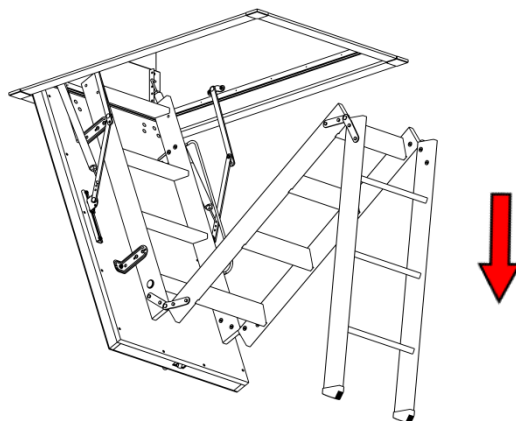




A

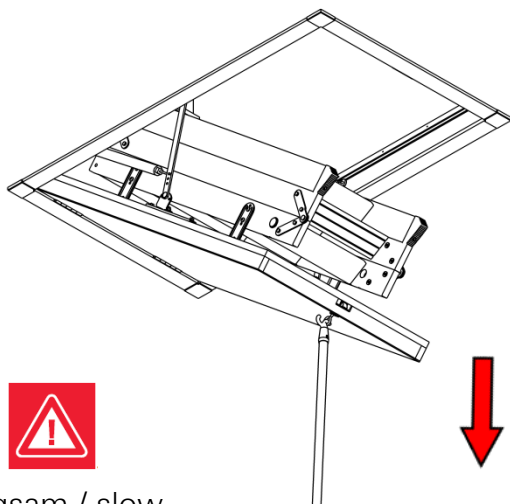


D



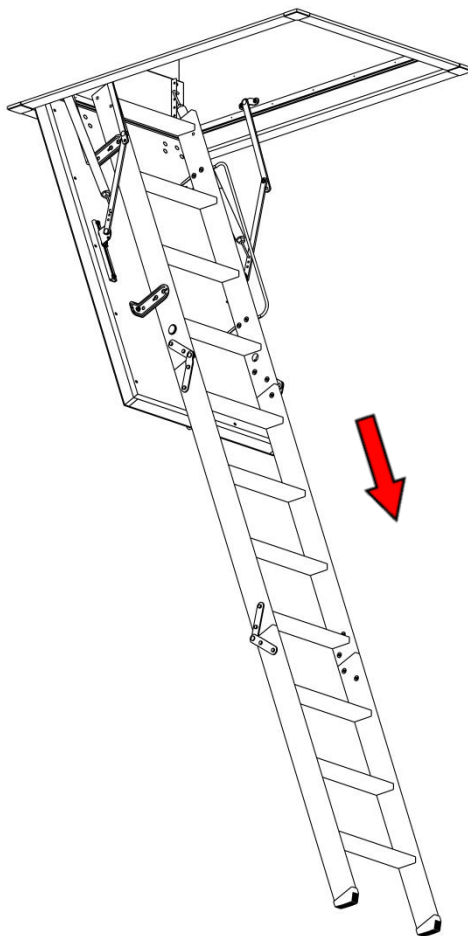
Öffne von / To open from A-B-C-D-E-F
SchlieÙe von / To close from F-E-D-C-B-A

B

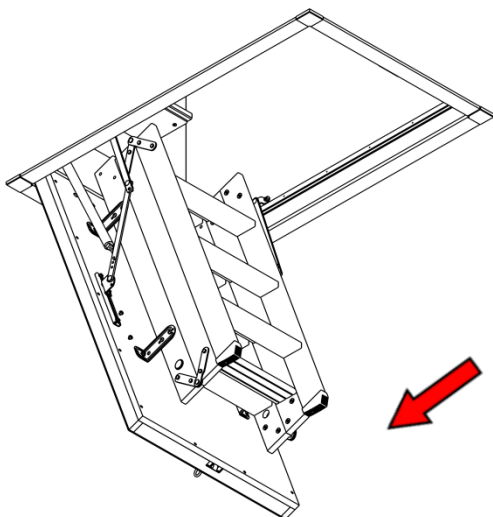


langsam / slow

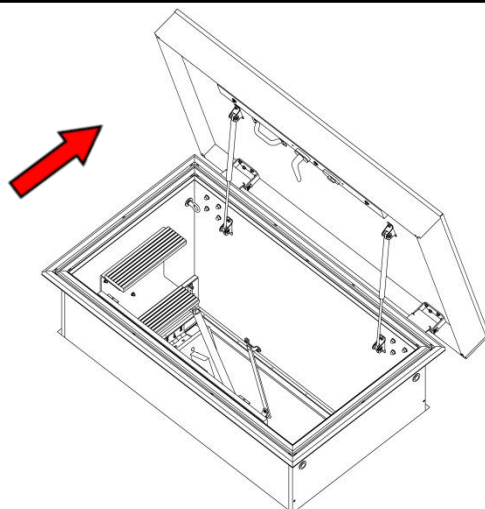
E

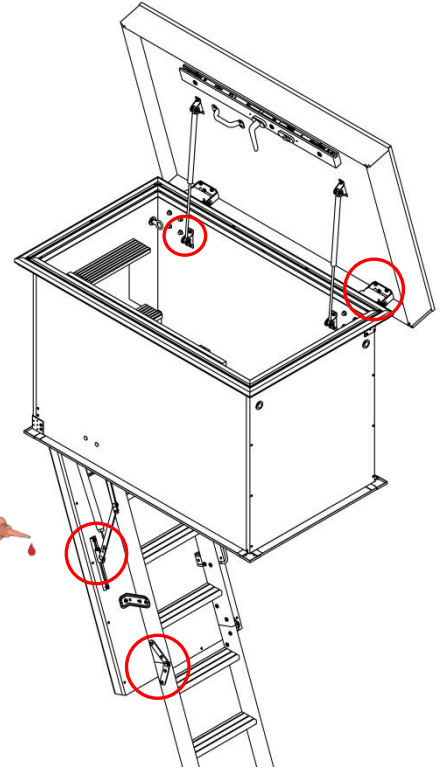
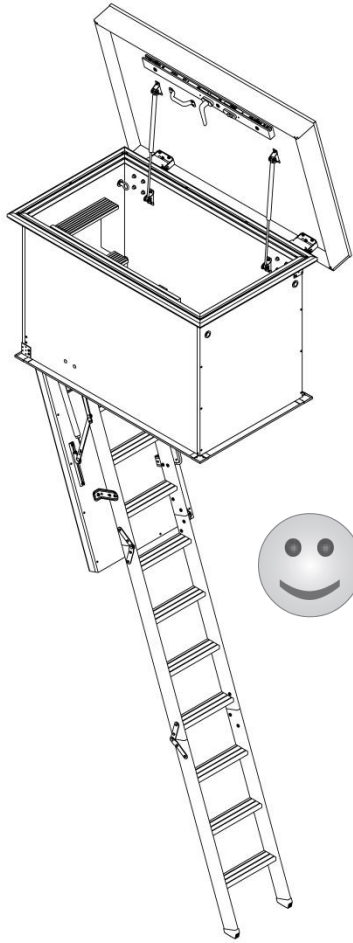


C



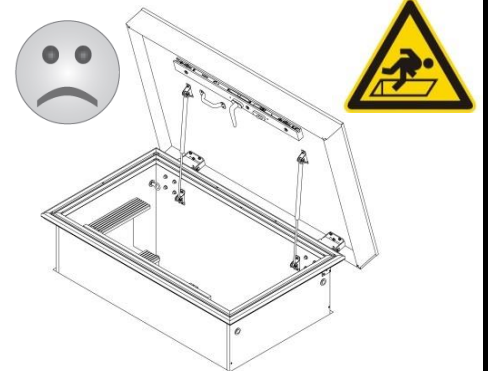
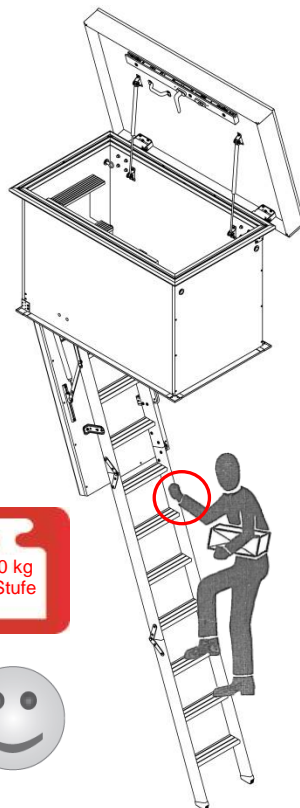
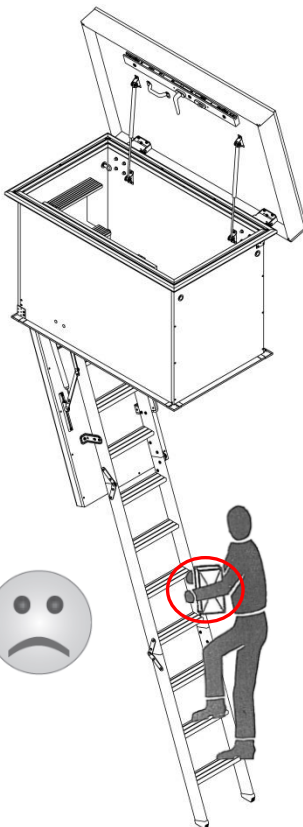
F





365 Tage/
days

365 Tage/
days



Roto

