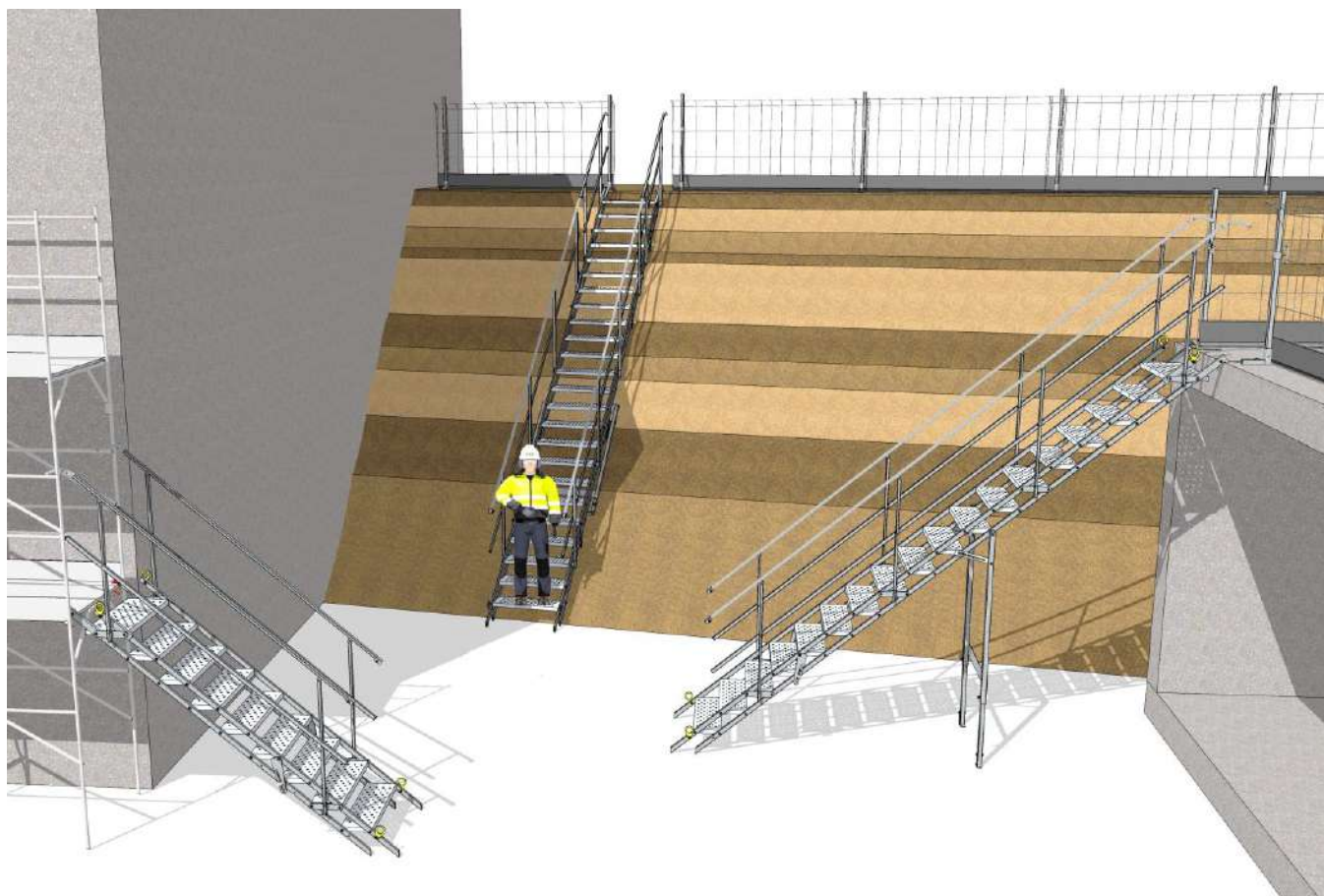
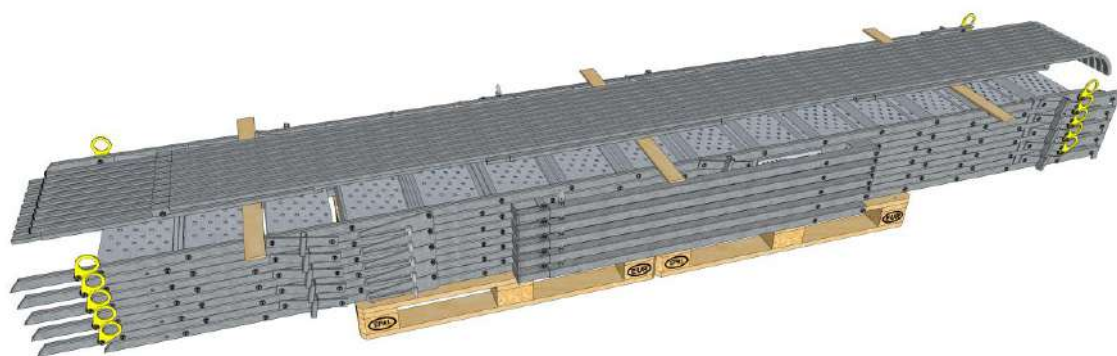


## Escalier de chantier



- 3 Informations générales
- 4 Escalier 3 marches
- 5 Escalier 6 marches
- 6 Escalier 9 marches
- 7 Escalier 12 marches
- 8 Escalier 15 marches
- 9 Escalier 18 marches
- 10 Plage d'utilisation
- 11-13 Montage escalier
- 14-15 Mise en place du support (escalier 15-18 marches)
- 16 Maintenance préventive
- 17 Assemblage de 2 escaliers
- 19-21 Composants d'un escalier

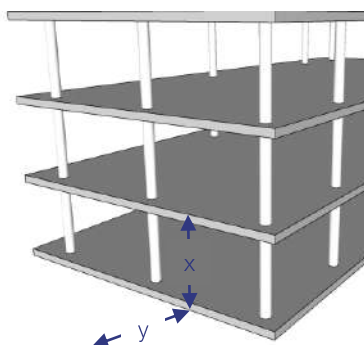


## Informations générales

La mise en place de l'escalier doit impérativement se faire en sécurité.



Prendre les dimensions X et Y pour définir le modèle d'escalier à utiliser, selon la plage d'utilisation page 10



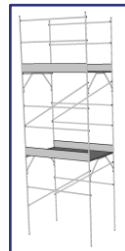
Identifier les supports pour déterminer les types de chevilles et d'ancrages



Bord dalle



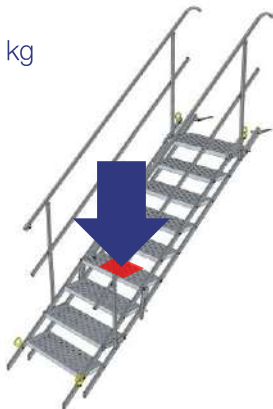
Talus



Échafaudage

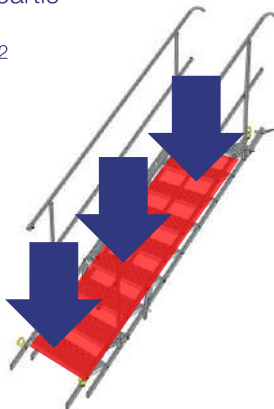
Charge ponctuelle

Max. 150 kg



Charge répartie

$\leq 100 \text{ kg/m}^2$



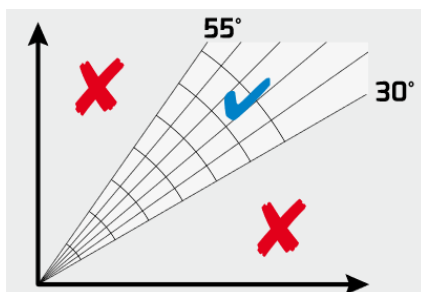
Enlever la saleté et la neige avant installation



Controler l'escalier avant installation



Min. 30° - max. 55°



**Selon la norme  
EN 12811-1:2003**

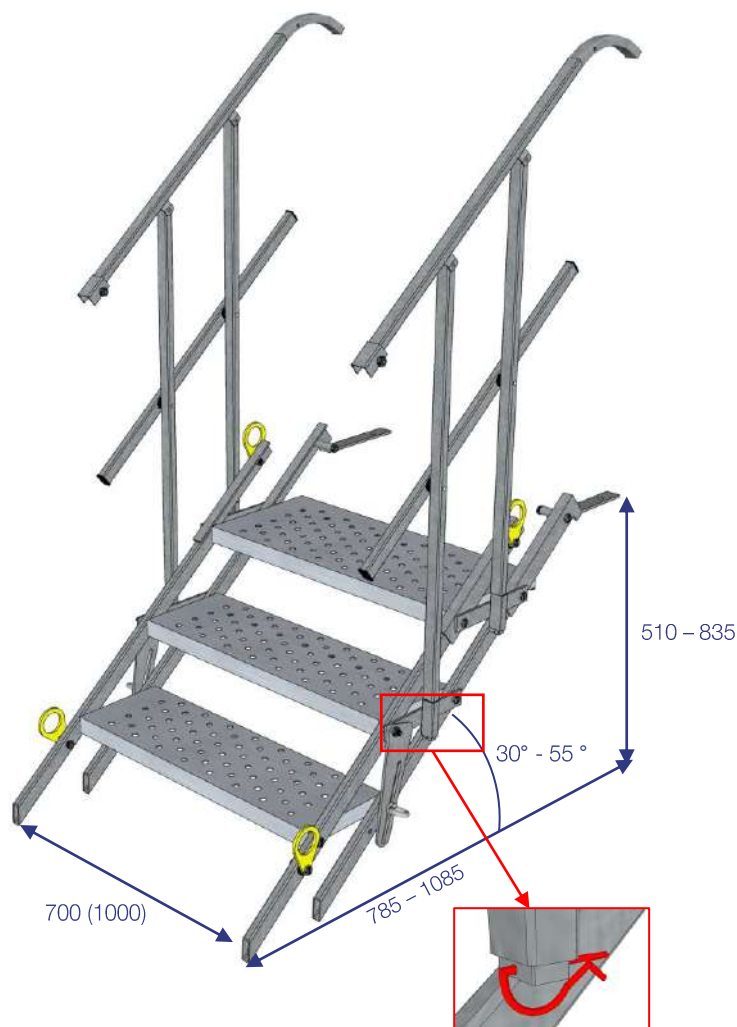
## Escalier 3 marches

Escalier 700 mm  
Code: 5060003  
40 kg

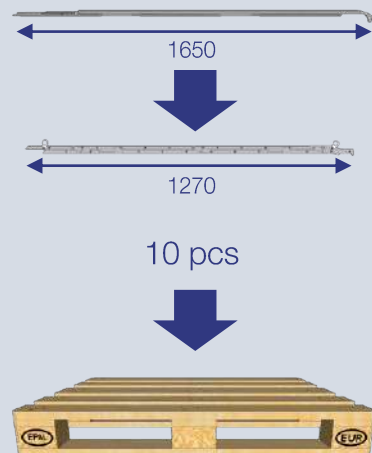
Escalier 1000 mm  
Code: 5061003  
45 kg

EN 12811-1:2003

Charge ponctuelle: max. 150 kg  
Charge répartie: max. 100 kg/m<sup>2</sup>



### Rangement alterné des escaliers

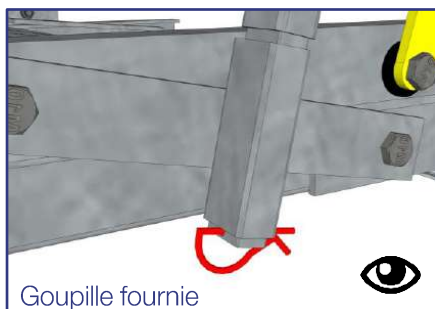
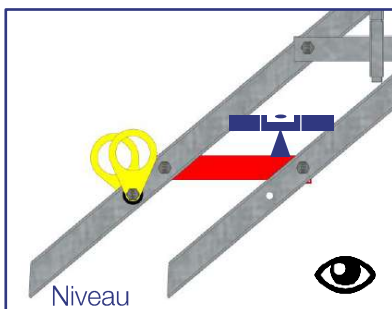


→ Escalier 700: 420 kg  
→ Escalier 1000: 470 kg

### Composants

|                      |                                       |                    |         |                              |         |
|----------------------|---------------------------------------|--------------------|---------|------------------------------|---------|
| 5161010<br>(5161012) | Marche simple<br>escalier 700 (1000)  | 2 pièce            | 5161004 | Fixation de garde-<br>corps  | 4 pièce |
| 5161011<br>(5161013) | Marche palière<br>escalier 700 (1000) | 1 pièce            | 5161003 | Mécanisme de<br>verrouillage | 2 pièce |
| 5161031              | Limon latéral<br>escalier 3 marches   | 1 set (4<br>pièce) | 5161002 | Anneaux de levage            | 4 pièce |
| 5151038              | Garde-corps<br>escalier 3 marches     | 2 pièce            | 5161001 | Fixation de dalle            | 2 pièce |

[mm]



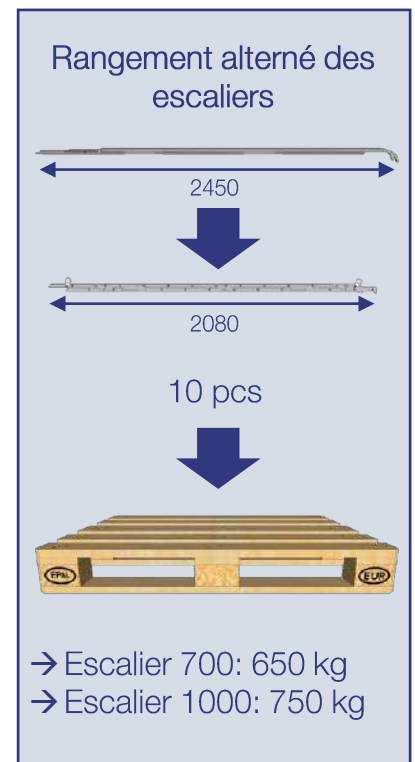
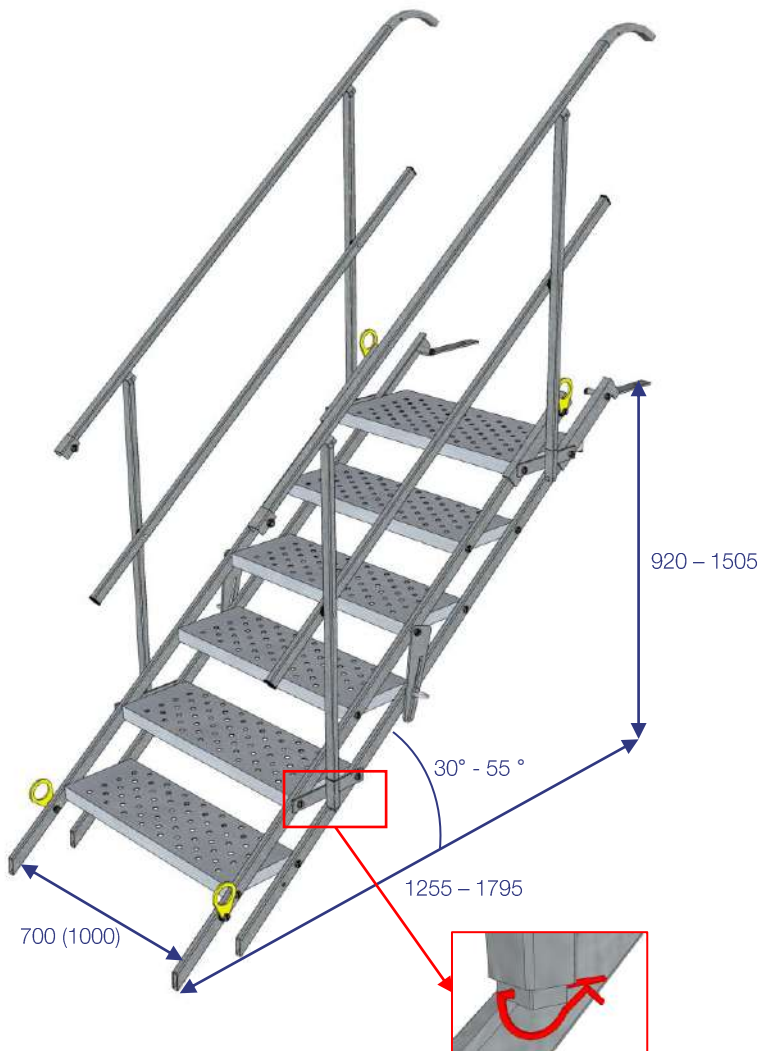
## Escalier 6 marches

Escalier 700 mm  
Code: 5060006  
63 kg

Escalier 1000 mm  
Code: 5061006  
73 kg

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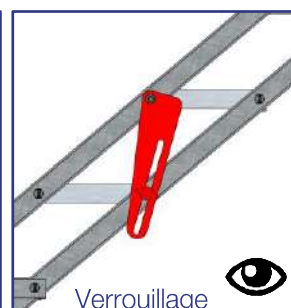
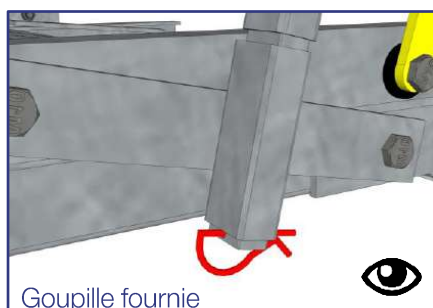
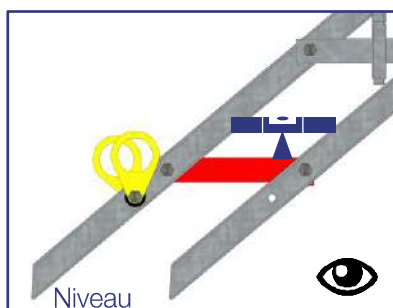
Charge ponctuelle: max. 150 kg  
Charge répartie: max. 100 kg/m<sup>2</sup>



## Composants

|                      |                                       |                    |         |                              |         |
|----------------------|---------------------------------------|--------------------|---------|------------------------------|---------|
| 5161010<br>(5161012) | Marche simple<br>escalier 700 (1000)  | 5 pièce            | 5161004 | Fixation de garde-<br>corps  | 4 pièce |
| 5161011<br>(5161013) | Marche palière<br>escalier 700 (1000) | 1 pièce            | 5161003 | Mécanisme de<br>verrouillage | 2 pièce |
| 5161061              | Limon latéral<br>escalier 6 marches   | 1 set (4<br>pièce) | 5161002 | Anneaux de levage            | 4 pièce |
| 5151068              | Garde-corps<br>escalier 6 marches     | 2 pièce            | 5161001 | Fixation de dalle            | 2 pièce |

[mm]



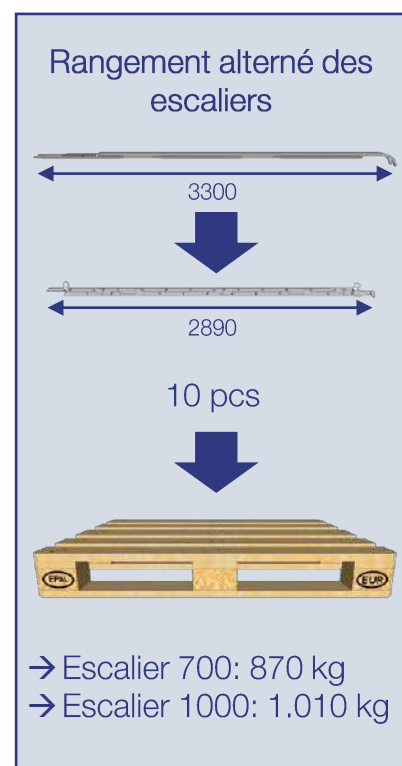
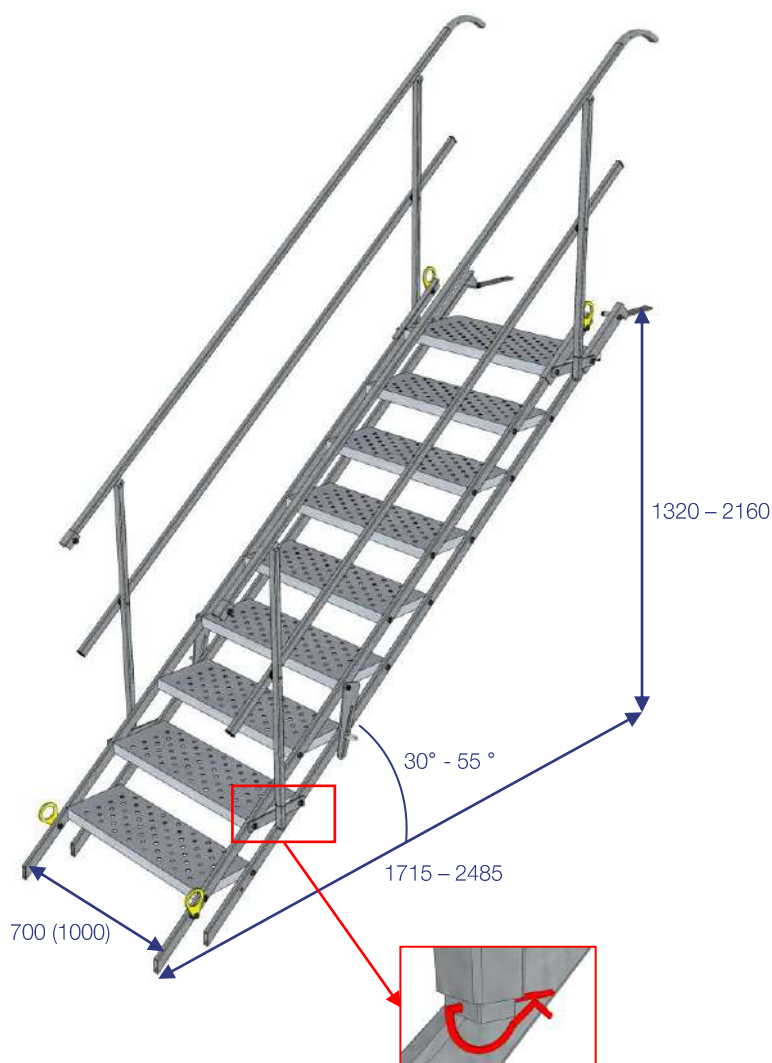
## Escalier 9 marches

Escalier 700 mm  
Code: 5060009  
85 kg

Escalier 1000 mm  
Code: 5061009  
99 kg

EN 12811-1:2003

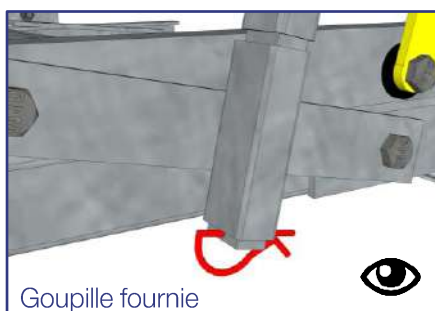
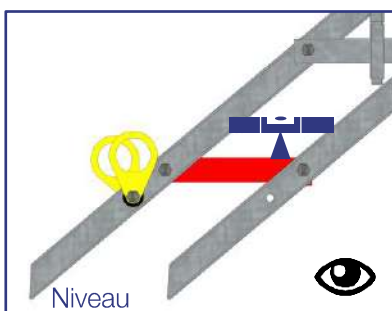
Charge ponctuelle: max. 150 kg  
Charge répartie: max. 100 kg/m<sup>2</sup>



## Composants

|                      |                                       |                    |         |                              |         |
|----------------------|---------------------------------------|--------------------|---------|------------------------------|---------|
| 5161010<br>(5161012) | Marche simple<br>escalier 700 (1000)  | 8 pièce            | 5161004 | Fixation de garde-<br>corps  | 4 pièce |
| 5161011<br>(5161013) | Marche palière<br>escalier 700 (1000) | 1 pièce            | 5161003 | Mécanisme de<br>verrouillage | 2 pièce |
| 5161091              | Limon latéral<br>escalier 9 marches   | 1 set (4<br>pièce) | 5161002 | Anneaux de levage            | 4 pièce |
| 5151098              | Garde-corps<br>escalier 9 marches     | 2 pièce            | 5161001 | Fixation de dalle            | 2 pièce |

[mm]



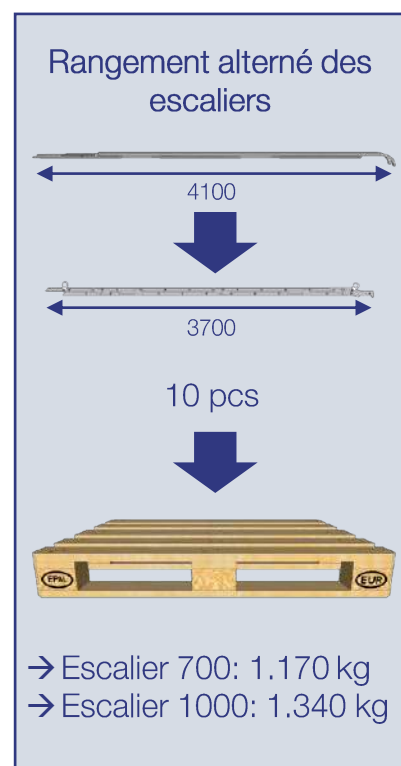
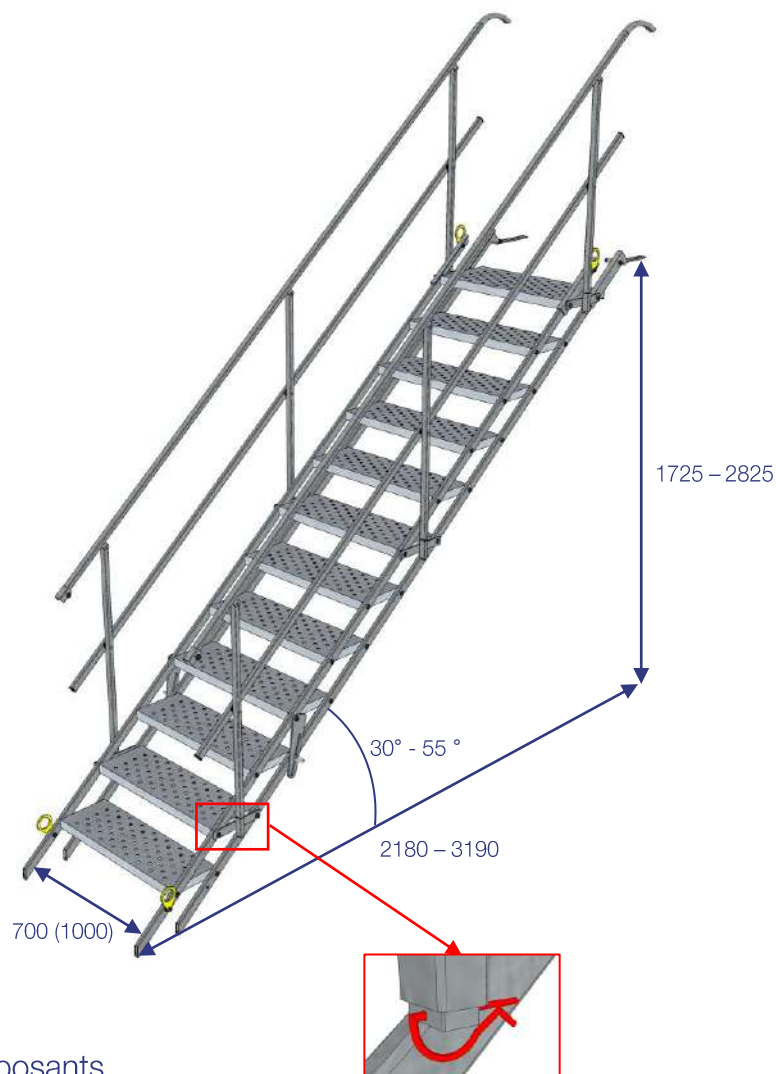
## Escalier 12 marches

Escalier 700 mm  
Code: 5060012  
115 kg

Escalier 1000 mm  
Code: 5061012  
132 kg

EN 12811-1:2003

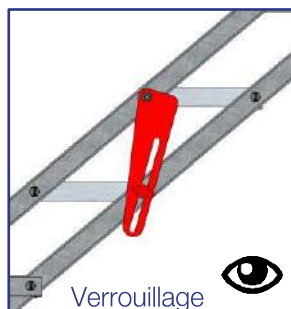
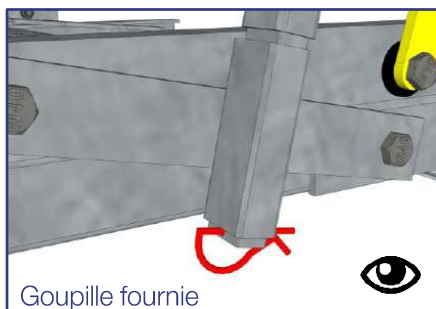
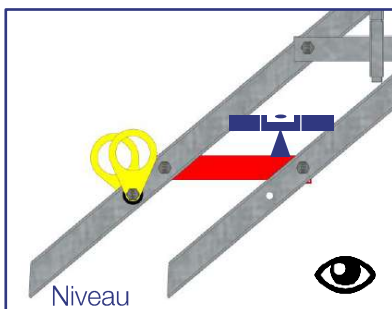
Charge ponctuelle: max. 150 kg  
Charge répartie: max. 100 kg/m<sup>2</sup>



## Composants

|                      |                                       |                    |         |                              |         |
|----------------------|---------------------------------------|--------------------|---------|------------------------------|---------|
| 5161010<br>(5161012) | Marche simple<br>escalier 700 (1000)  | 11 pièce           | 5161004 | Fixation de garde-<br>corps  | 6 pièce |
| 5161011<br>(5161013) | Marche palière<br>escalier 700 (1000) | 1 pièce            | 5161003 | Mécanisme de<br>verrouillage | 4 pièce |
| 5161121              | Limon latéral escalier<br>12 marches  | 1 set<br>(4 pièce) | 5161002 | Anneaux de levage            | 4 pièce |
| 5151128              | Garde-corps escalier<br>12 marches    | 2 pièce            | 5161001 | Fixation de dalle            | 2 pièce |

[mm]



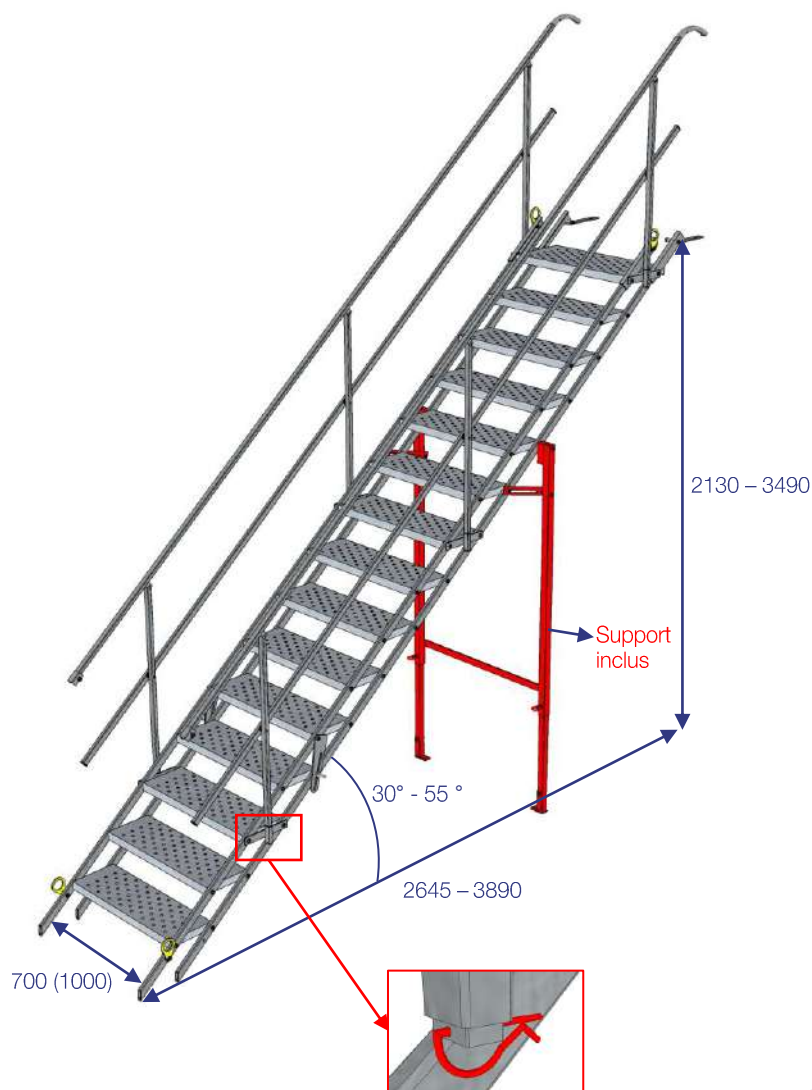
## Escalier 15 marches

Escalier 700 mm  
Code: 5060015  
152 kg

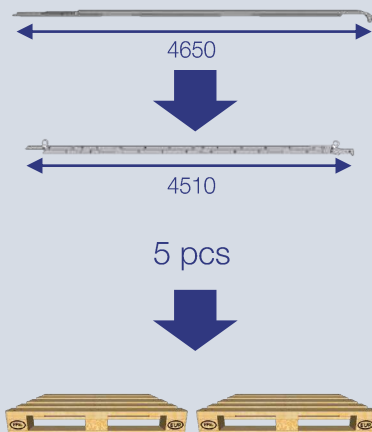
Escalier 1000 mm  
Code: 5061015  
175 kg

EN 12811-1:2003

Charge ponctuelle: max. 150 kg  
Charge répartie: max. 100 kg/m²



### Rangement alterné des escaliers

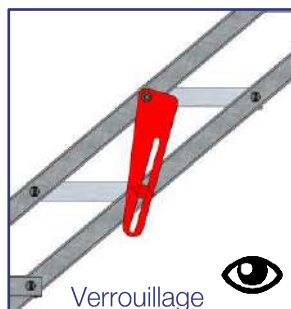
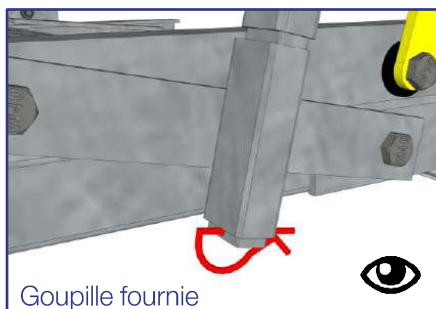
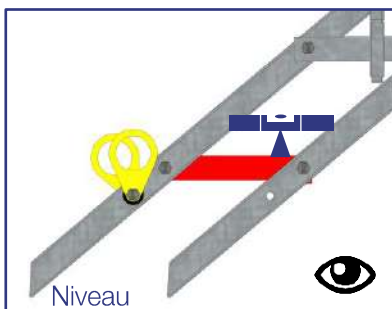


→ Escalier 700: 800 kg  
→ Escalier 1000: 915 kg

### Composants

|                      |                                       |                    |                      |                                |         |
|----------------------|---------------------------------------|--------------------|----------------------|--------------------------------|---------|
| 5161010<br>(5161012) | Marche simple<br>escalier 700 (1000)  | 14 pièce           | 5161004              | Fixation de garde-<br>corps    | 6 pièce |
| 5161011<br>(5161013) | Marche palière<br>escalier 700 (1000) | 1 pièce            | 5161003              | Mécanisme de<br>verrouillage   | 4 pièce |
| 5161151              | Limon latéral escalier<br>15 marches  | 1 set<br>(4 pièce) | 5161002              | Anneaux de levage              | 4 pièce |
| 5151158              | Garde-corps escalier<br>15 marches    | 2 pièce            | 5161001              | Fixation de dalle              | 2 pièce |
|                      |                                       |                    | 5061001<br>(5061005) | Support escalier<br>700 (1000) | 1 pièce |

[mm]



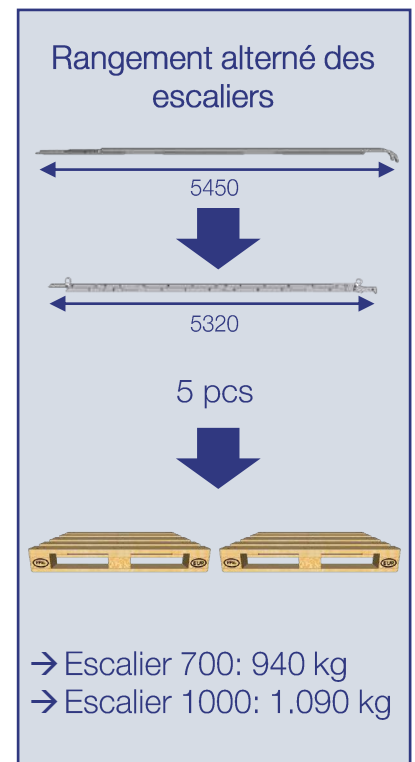
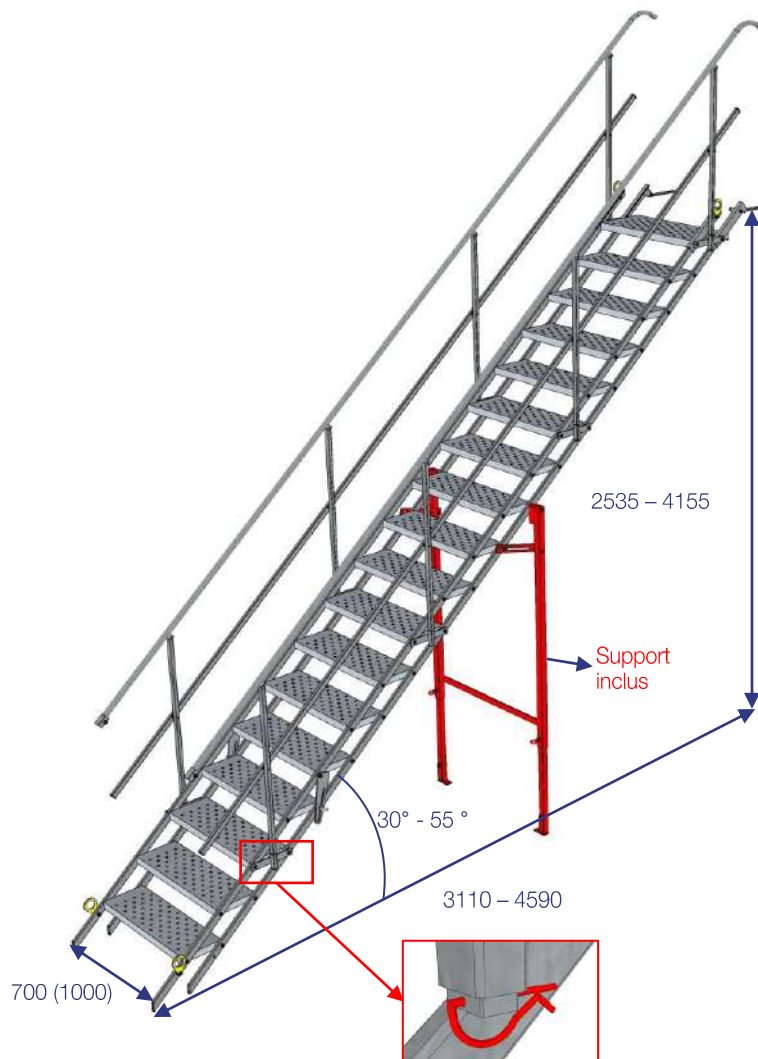
## Escalier 18 marches

Escalier 700 mm  
Code: 5060018  
180 kg

Escalier 1000 mm  
Code: 5061018  
210 kg

EN 12811-1:2003

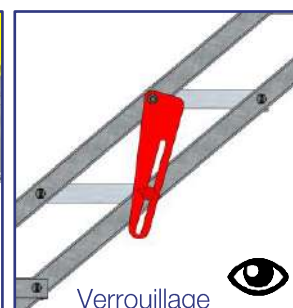
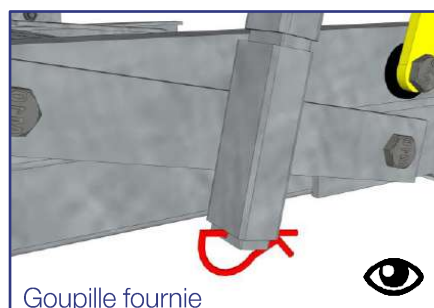
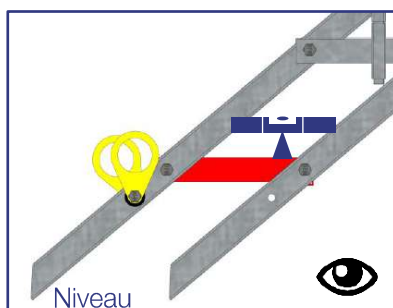
Charge ponctuelle: max. 150 kg  
Charge répartie: max. 100 kg/m<sup>2</sup>



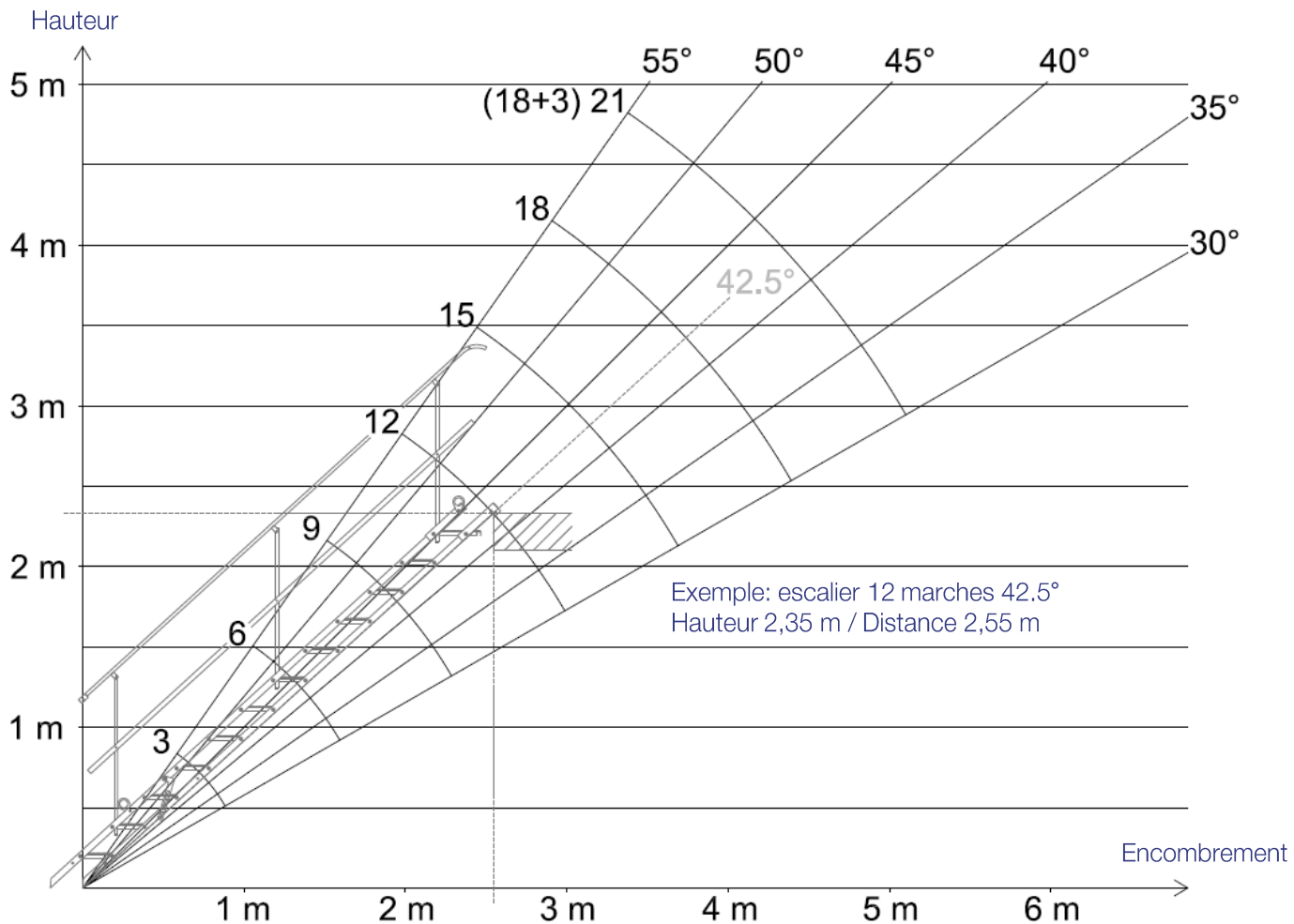
## Composants

|                      |                                       |                    |                      |                                |         |
|----------------------|---------------------------------------|--------------------|----------------------|--------------------------------|---------|
| 5161010<br>(5161012) | Marche simple<br>escalier 700 (1000)  | 14 pièce           | 5161004              | Fixation de garde-<br>corps    | 8 pièce |
| 5161011<br>(5161013) | Marche palière<br>escalier 700 (1000) | 1 pièce            | 5161003              | Mécanisme de<br>verrouillage   | 4 pièce |
| 5161181              | Limon latéral escalier<br>18 marches  | 1 set<br>(4 pièce) | 5161002              | Anneaux de levage              | 4 pièce |
| 5151188              | Garde-corps escalier<br>18 marches    | 2 pièce            | 5161001              | Fixation de dalle              | 2 pièce |
|                      |                                       |                    | 5061001<br>(5061005) | Support escalier<br>700 (1000) | 1 pièce |

[mm]

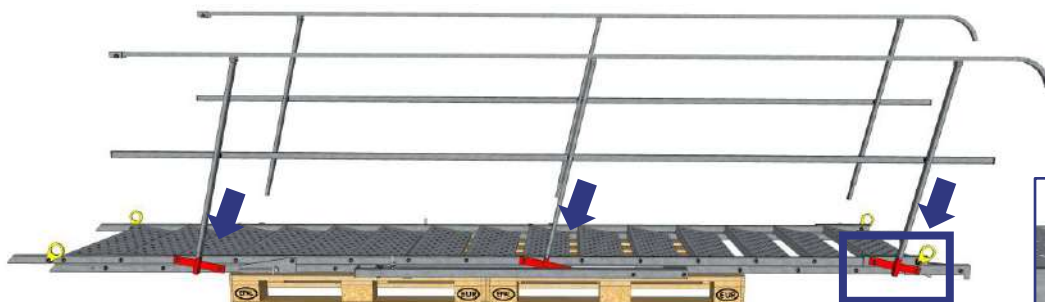


## Plage d'utilisation

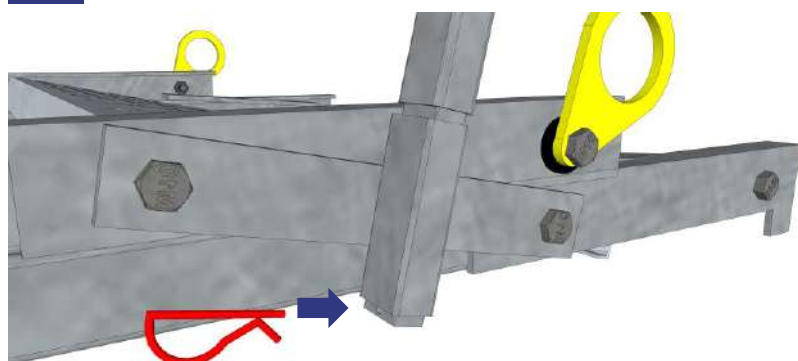


## Montage escalier

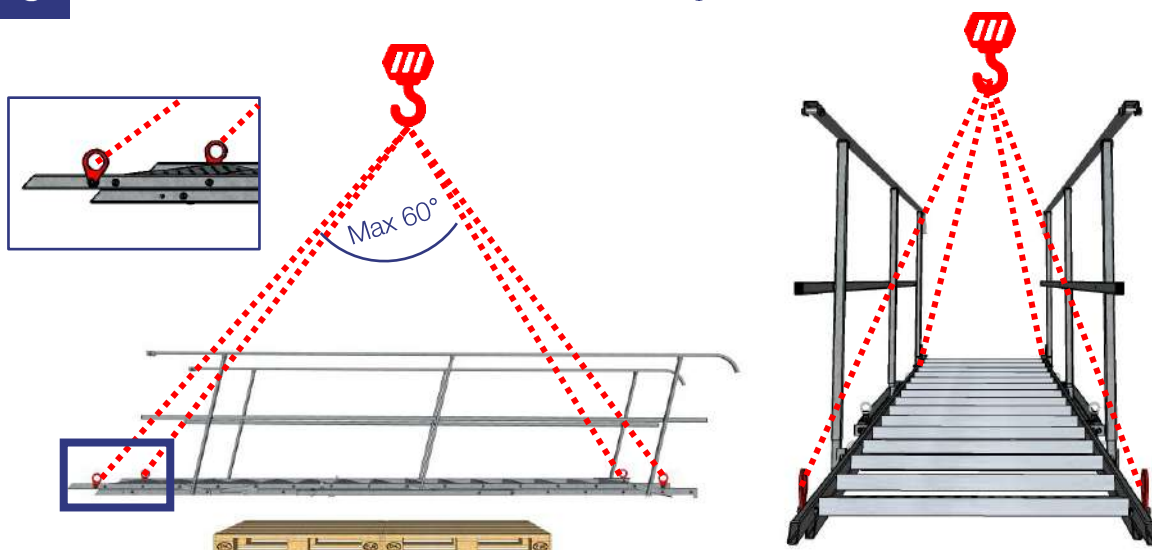
### 1 Enficher le garde-corps



### 2 Verrouiller les avec les goupilles Garde-corps



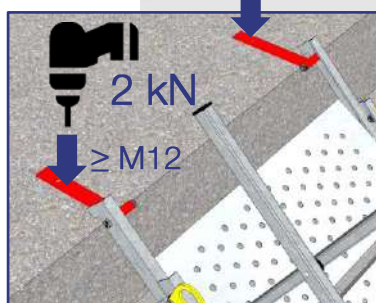
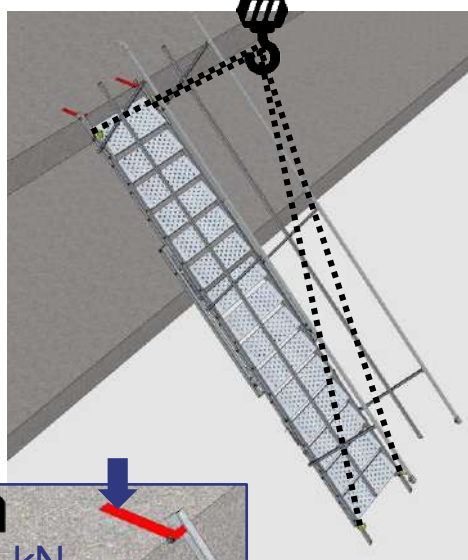
### 3 Soulever l'escalier avec les anneaux de levage



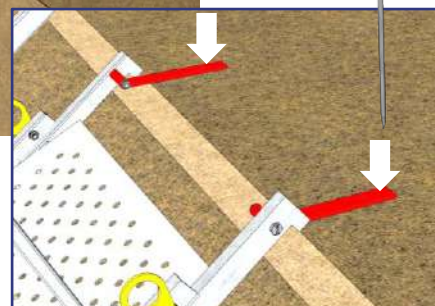
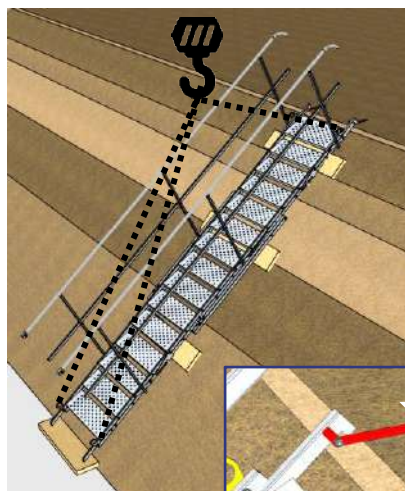
## Montage escalier

### 4 Cas de figure

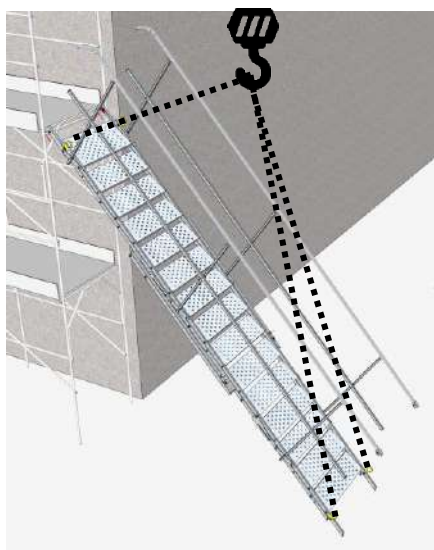
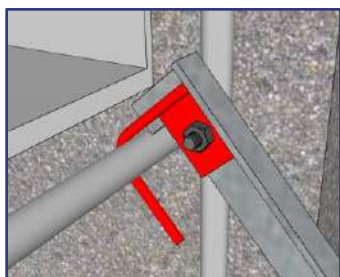
Bord dalle



Talus



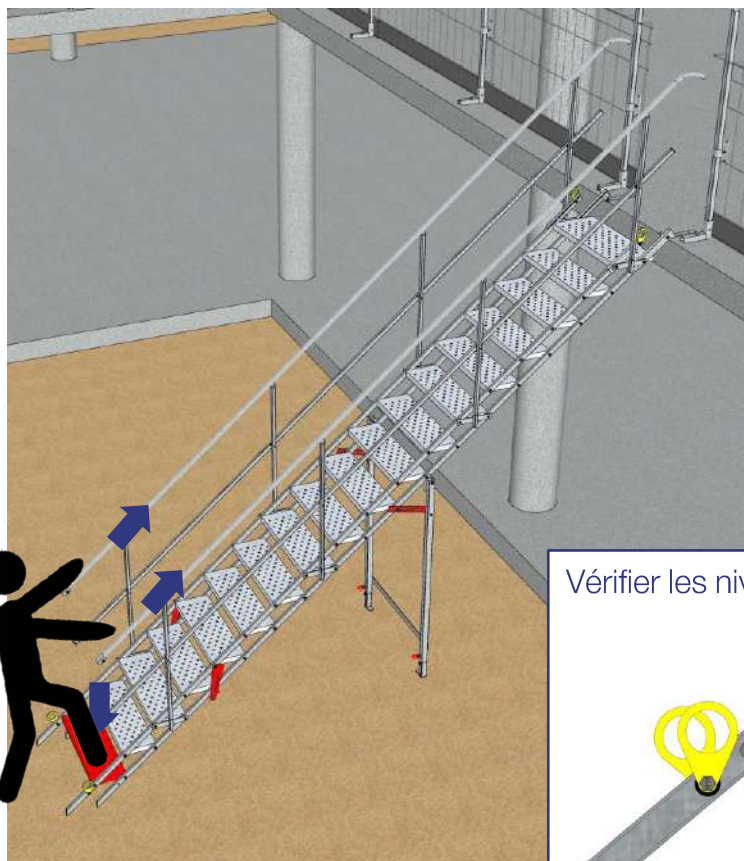
Échafaudage



## Montage escalier

5

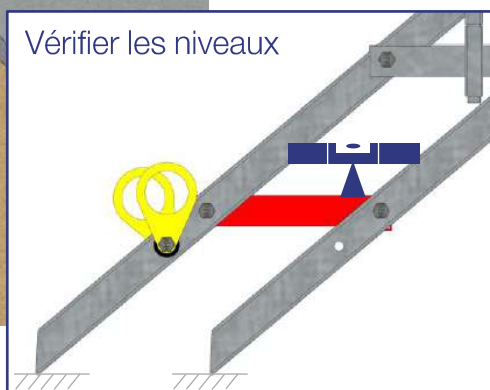
Une fois en place et fixé en partie haute pousser sur les garde-corps afin que les marches soient parallèles au sol



Opérations à effectuer à partir du sol selon les actions suivantes

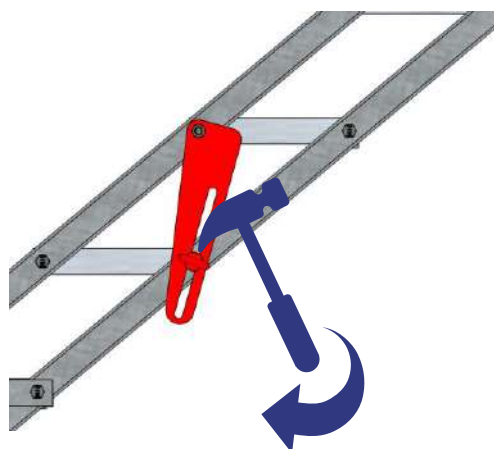
1. Deverrouiller le mécanisme de verrouillage
2. Pousser sur les garde-corps, les pieds au sol
3. Vérifier le verrouillage des garde-corps par goupille

Vérifier les niveaux



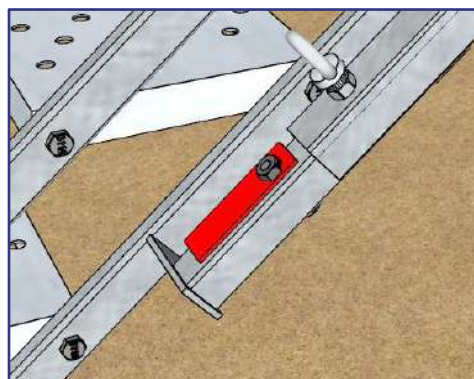
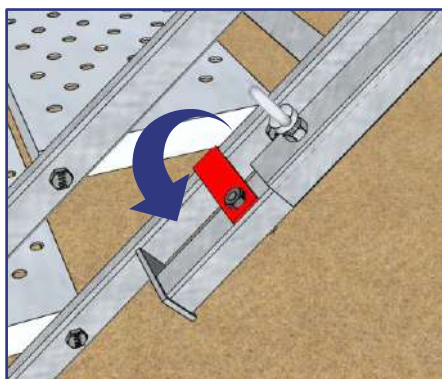
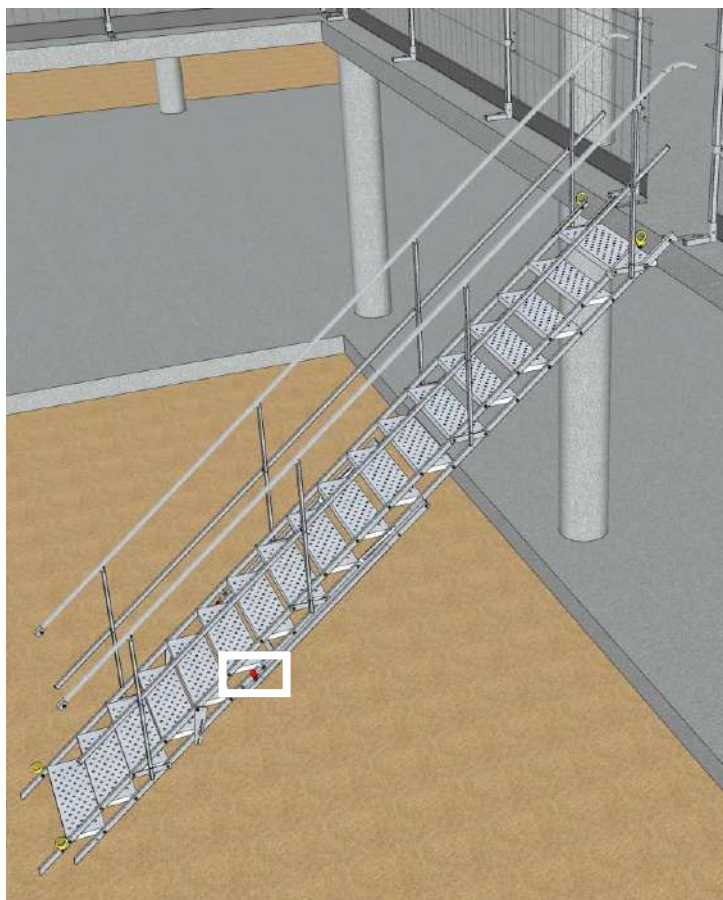
6

Resserrer le mécanisme de verrouillage une fois l'escalier en bonne position.



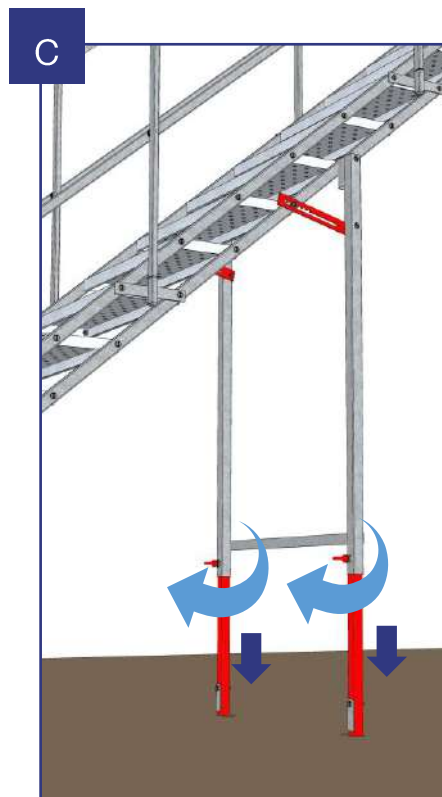
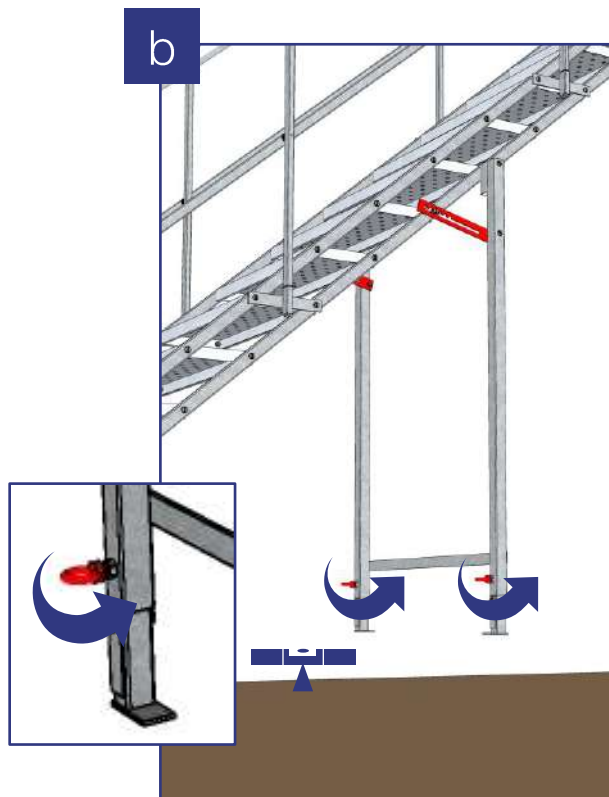
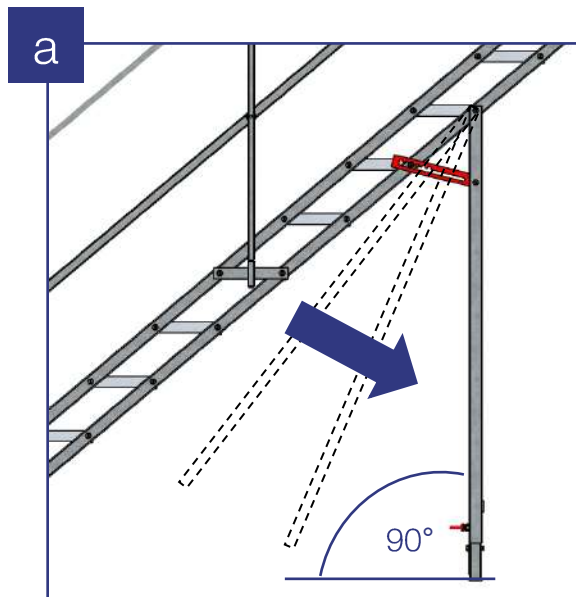
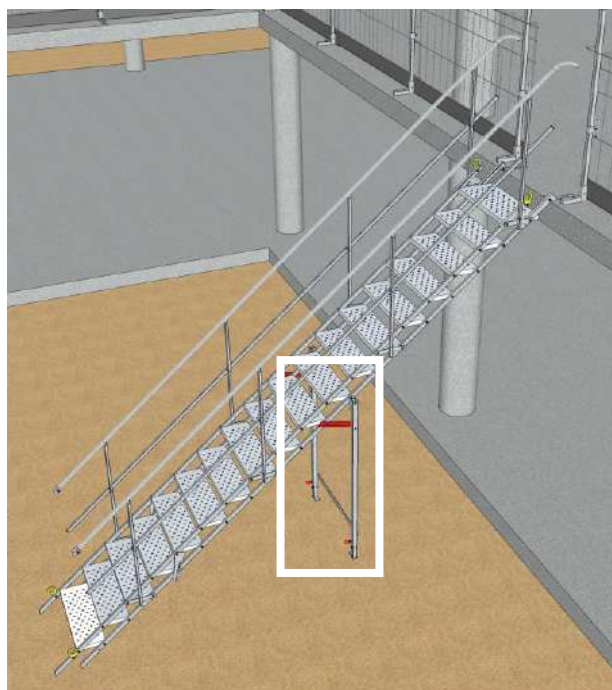
## Mise en place du support (escalier 15-18 marches)

7 Deverrouiller la sûreté de support

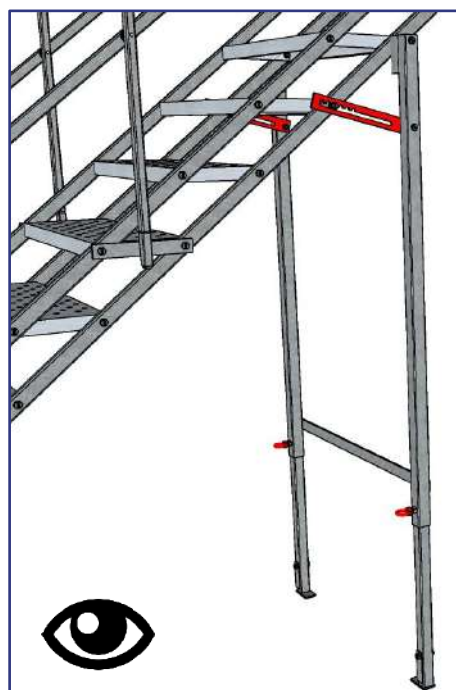
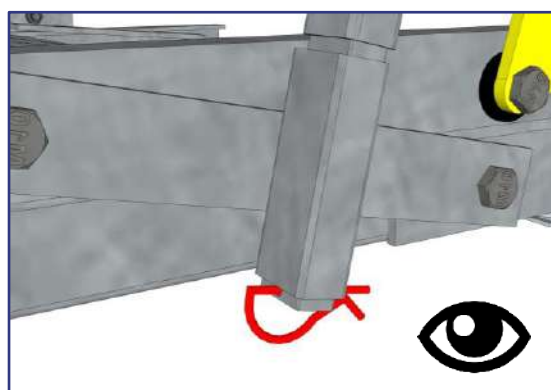
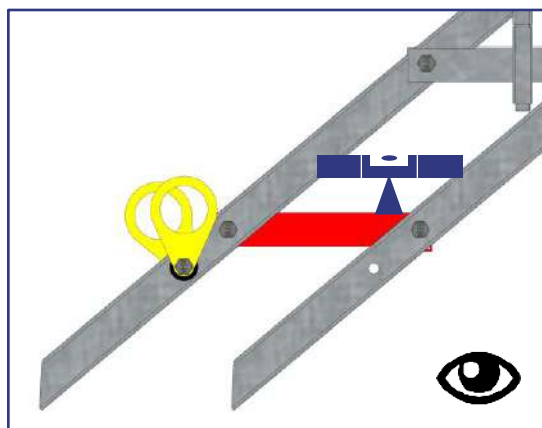
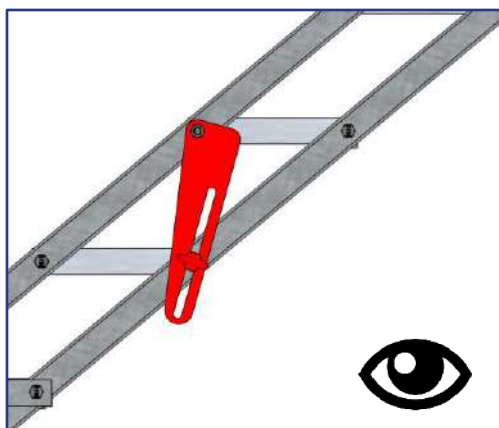


## Mise en place du support (escalier 15-18 marches)

### 8 Déployer le Support



## Maintenance préventive



**Vérifiez au moins tous les 7 jours!**

## Assemblage de 2 escaliers

| Connexion de deux escaliers (indépendants) | 3 marches | 6 marches | 9 marches | 12 marches | 15 marches | 18 marches |
|--------------------------------------------|-----------|-----------|-----------|------------|------------|------------|
| 3 marches                                  | -         | -         | -         | ✓          | ★          | ★          |
| 6 marches                                  | -         | -         | ✓         | ✓          | ★          | ✗          |
| 9 marches                                  | -         | ✓         | ✓         | ✓          | ✗          | ✗          |
| 12 marches                                 | ✓         | ✓         | ✓         | ✗          | ✗          | ✗          |
| 15 marches                                 | ★         | ★         | ✗         | ✗          | ✗          | ✗          |
| 18 marches                                 | ★         | ✗         | ✗         | ✗          | ✗          | ✗          |

- Pas de support nécessaire



Support nécessaire

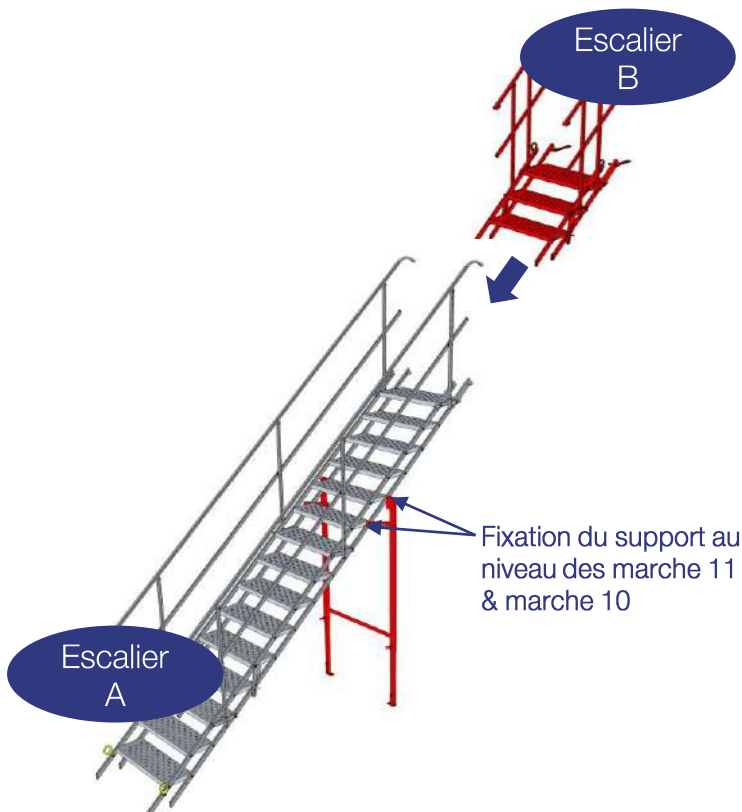


Support inclus



ne pas connecter

Ex : Assemblage 15+3 : Pour obtenir 18 marches. Le plus petit (B) toujours en partie haute – Le plus grand avec support (A) toujours en partie basse

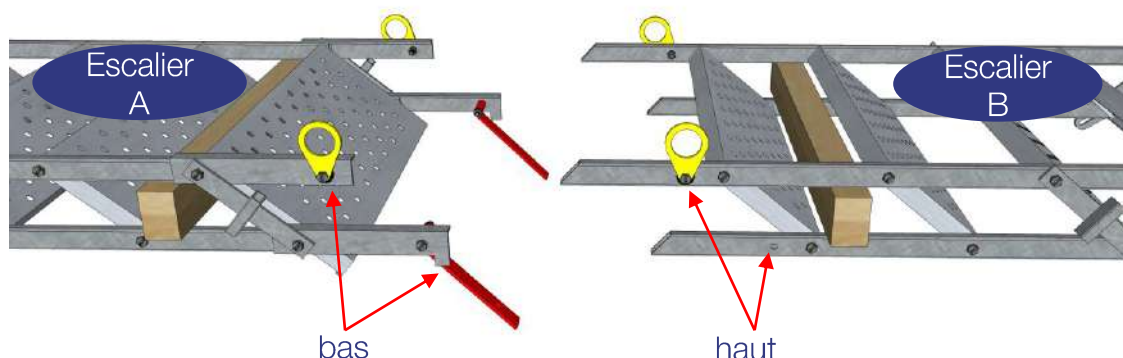


### Assemblage 2 escaliers

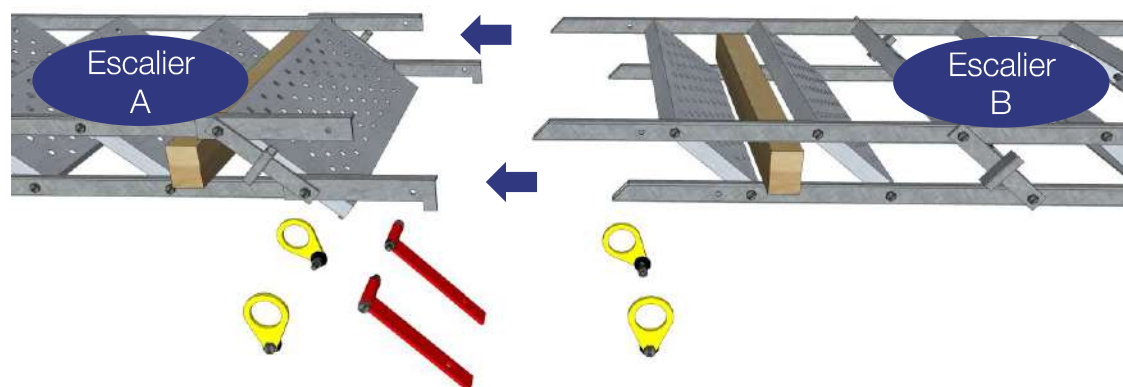
- max. 2 escaliers
- max. 21 marches
- 15 – 21 marches avec support escalier obligatoire
- >21 marches sur talus

## Assemblage de 2 escaliers

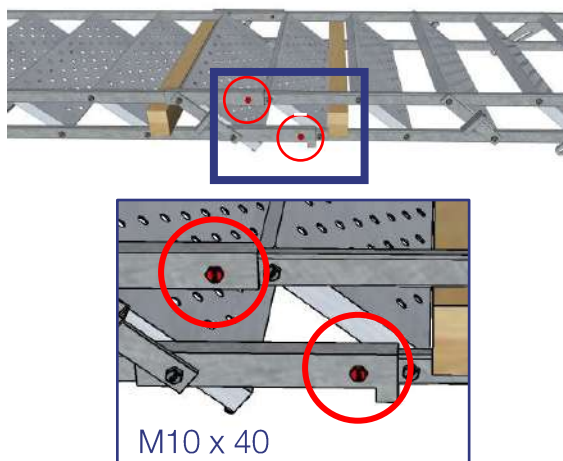
- 1 Démonter anneaux de levage de A et B puis fixation de dalle de A



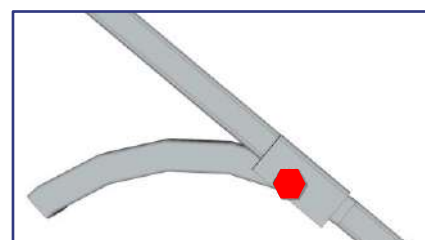
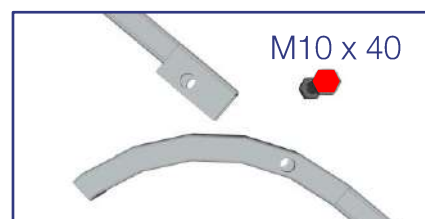
- 2 Présenter les 2 escaliers avec un calage identique rentrer le plus petit B dans le plus grand A pour glissement



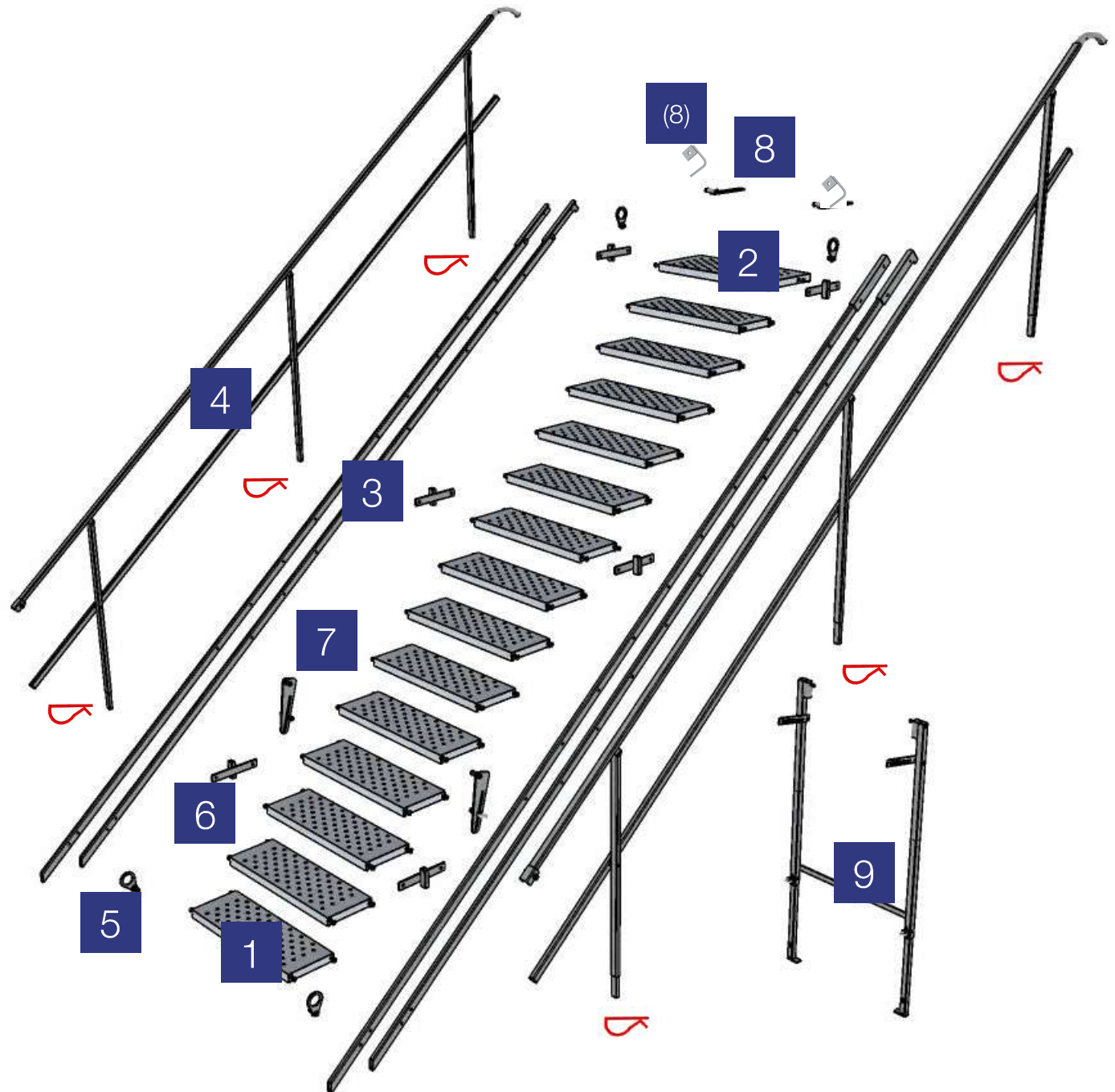
- 3 Une fois en place mettre les vis d'assemblage, puis serrer.



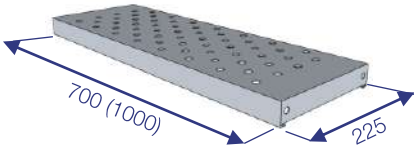
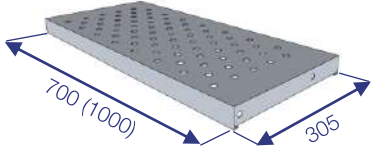
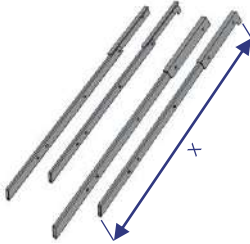
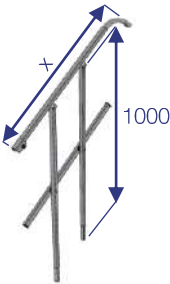
- 4 Connecter les garde-corps



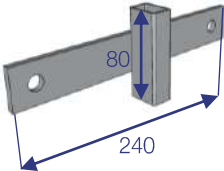
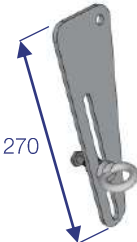
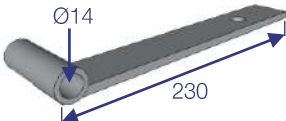
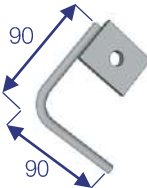
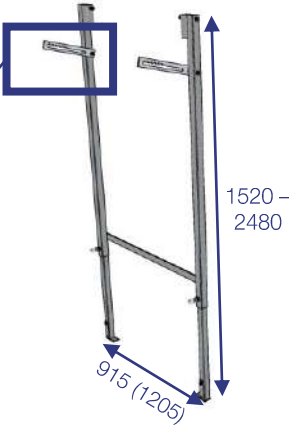
## Composants d'un escalier (Exemple escalier 15 marches)



## Composants d'un escalier

| Nr | Code                                                           | Description                                                                                                                                                                                                                 | Image                                                                                 |
|----|----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 1  | 5161010<br>(5161012)                                           | Marche simple escalier 700<br>(Marche simple escalier 1000)                                                                                                                                                                 |     |
| 2  | 5161011<br>(5161013)                                           | Marche palière escalier 700<br>(Marche palière escalier 1000)                                                                                                                                                               |     |
| 3  | 5161031<br>5161061<br>5161091<br>5161121<br>5161151<br>5161181 | Limon latéral:<br><br>Escalier 3 marches (x = 1065)<br>Escalier 6 marches (x = 1875)<br>Escalier 9 marches (x = 2685)<br>Escalier 12 marches (x = 3495)<br>Escalier 15 marches (x = 4305)<br>Escalier 18 marches (x = 5115) |    |
| 4  | 5161038<br>5161068<br>5161098<br>5161128<br>5161158<br>5161188 | Garde-corps:<br><br>Escalier 3 marches (x = 954)<br>Escalier 6 marches (x = 1760)<br>Escalier 9 marches (x = 2568)<br>Escalier 12 marches (x = 3399)<br>Escalier 15 marches (x = 4206)<br>Escalier 18 marches (x = 5018)    |  |
|    |                                                                | R-Clip                                                                                                                                                                                                                      |   |
| 5  | 5161002                                                        | Anneaux de levage                                                                                                                                                                                                           |  |

## Composants d'un escalier

| Nr  | Code                 | Description                                     | Image                                                                                 |
|-----|----------------------|-------------------------------------------------|---------------------------------------------------------------------------------------|
| 6   | 5161004              | Fixation de garde-corps                         |     |
| 7   | 5161003              | Mécanisme de verrouillage                       |    |
| 8   | 5161001              | Fixation sur dalle                              |   |
| (8) | 5061103              | Fixation sur tube                               |  |
| 9   | 5261001<br>(5261005) | Support escalier 700<br>(Support escalier 1000) |   |
|     | 50610019             | Mécanisme de verrouillage support (Crocodile)   |                                                                                       |