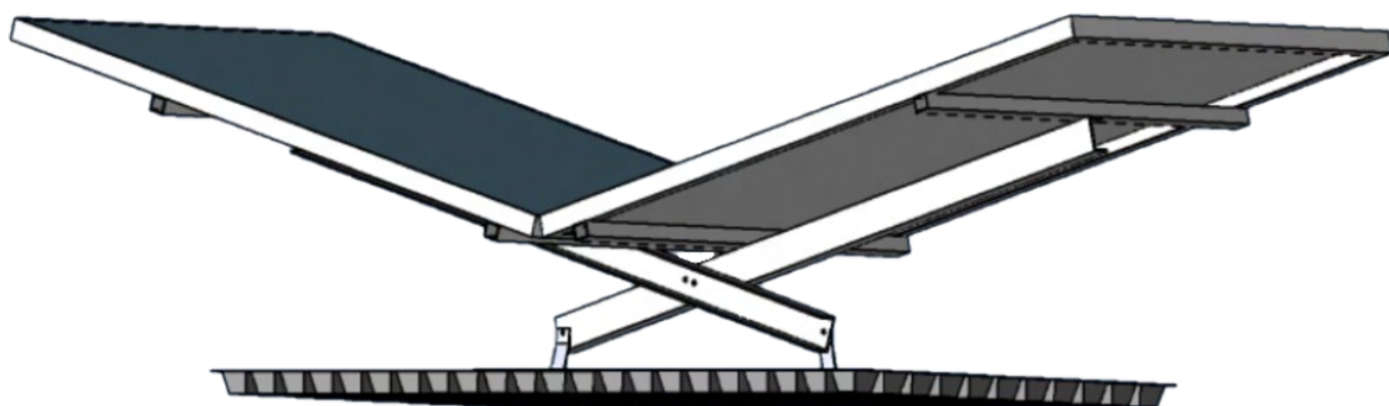
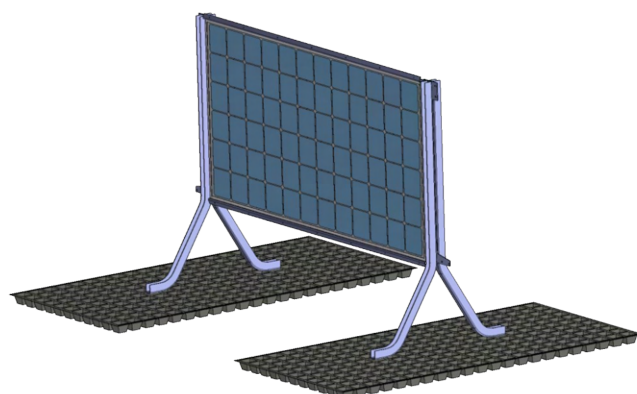
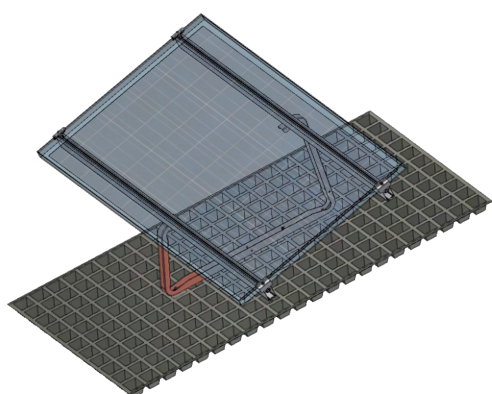


ZinCo PowerGreen

Instructions de montage

Montageanleitung

Istruzioni di montaggio



Bitte lesen sie folgende Punkte vor Montagebeginn sorgfältig durch



Vor der Montage:

- Die Dachfläche sollte frei von Material sein, welches nicht-unmittelbar zur Montage des ZinCo PowerGreen-Systems benötigt wird.
- Die Dachfläche sollte besenrein sein.
- Die Dachfläche ist eingehend auf Schäden und Stabilität zu überprüfen
- Eine geeignete Schutzlage der Dachabdichtung gemäss den Angaben des Herstellers oder der ZinCo AG muss vorhanden sein.
- Die Planung ist vor Arbeitsbeginn auf ihre Richtigkeit zu überprüfen.

Positionierung der ZinCo Solarbasis SB 200:

- Säuberung der Dachfläche. Unter den Solarbasen sollten keine Steine oder andere Gegenstände liegen.
- Grössere Unebenheiten in der Dachkonstruktion mit geeigneten Materialien (z.B. Bautenschutzmatten) ausgleichen oder später bei der Schienenmontage berücksichtigen.
- Die zur Montage notwendigen M10 Muttern liegen jeder Lieferung bei. Bitte zur späteren Verwendung aufbewahren.
- Verteilen und positionieren der Solarbasen gemäss Planung
- Die Randabstände sind stets einzuhalten.

Ballastieren der ZinCo Solarbasis SB 200:

- Die Wannen dürfen ausschliesslich mit dem bei der Planung vorgesehenen Schüttgut befüllt werden. Änderungen im spezifischen Gewicht haben Auswirkungen auf die erforderliche Schütthöhe und den Plattenabstand.
- Die Mindestschütthöhe ist der Planung zu entnehmen
- Während der Materialeinbringung ist darauf zu achten dass kein Schüttgut unter die Wanne gelangt und die Wanne nicht verschoben wird.
- Die Platten sind in jedem Fall komplett zu verfüllen und zu überdecken.

Wichtige Hinweise:

- Sämtliche Schraubverbindungen sind nach erfolgter Montage auf ihre Festigkeit zu prüfen.
- Für die statische Freigabe der Dachfläche ist der Auftraggeber verantwortlich.
- Sämtliche Berechnungen der Auflast durch die ZinCo AG erfolgen nach Wind- und Schneelasten gemäss SIA 261.
- Ein Einbau abweichend von der Planung der ZinCo AG ist nur nach schriftlicher Genehmigung zulässig.

Veillez lire les points suivants avant de commencer le début du montage



Avant le montage:

- La surface du toit doit être exempte de matériaux qui ne sont pas directement nécessaires à l'installation du système PowerGreen ZinCo.
- La surface du toit doit être balayée.
- La surface de la toiture doit être inspectée en détail pour s'assurer qu'elle n'est pas endommagée et qu'elle est stable.
- Une couche de protection appropriée de l'étanchéité du toit doit être disponible conformément aux indications du fabricant ou de ZinCo AG.
- L'exactitude de la planification doit être vérifiée avant le début des travaux.

Positionnement de la base solaire ZinCo SB 200:

- Nettoyage de la surface du toit. Aucune pierre ou autre objet ne doit se trouver sous les bases solaires.
- Compenser les irrégularités importantes dans la construction du toit avec des matériaux appropriés (par ex. nattes de protection des constructions) ou en tenir compte plus tard lors du montage des rails.
- Les écrous M10 nécessaires au montage sont joints à chaque livraison. A conserver pour une utilisation ultérieure. Répartir et positionner les bases solaires selon la planification.
- Les distances aux bords doivent toujours être respectées.

Lestage de la base solaire ZinCo SB 200:

- Les bacs ne doivent être remplis qu'avec le substrat prévu lors de la planification. Les modifications du poids spécifique ont des répercussions sur la hauteur de remblayage nécessaire et sur l'écart entre les plaques.
- La hauteur minimale de remblayage est indiquée dans la planification.
- Pendant la mise en place du matériau, il faut veiller à ce qu'aucun produit en vrac ne parvienne sous le bac et à ce que le bac ne soit pas déplacé.
- Dans tous les cas, les plaques doivent être entièrement remplies et recouvertes.

Remarques importantes:

- La solidité de tous les assemblages vissés doit être vérifiée après le montage.
- Le client est responsable de la validation statique de la surface du toit.
- Tous les calculs de surcharge effectués par ZinCo AG sont réalisés selon les charges de vent et de neige conformément à la norme SIA 261.
- Un montage différent de la planification de ZinCo AG n'est autorisé qu'après accord écrit.

Leggere i seguenti punti prima di inizio dell'assemblaggio con attenzione



Prima dell'installazione:

- La superficie del tetto deve essere priva di materiale non direttamente necessario per l'installazione del sistema ZinCo PowerGreen.
- La superficie del tetto deve essere pulita.
- La superficie del tetto deve essere controllata a fondo per verificarne i danni e la stabilità.
- È necessario realizzare un adeguato strato protettivo di impermeabilizzazione del tetto secondo le indicazioni del produttore o di ZinCo AG.
- La pianificazione deve essere controllata per verificarne la correttezza prima di iniziare i lavori.

Posizionamento della ZinCo Solar Base SB 200:

- Pulire la superficie del tetto. Non devono esserci pietre o altri oggetti sotto le basi solari.
- Livellare le irregolarità più grandi nella costruzione del tetto con materiali adeguati (ad es. stuoie di protezione dell'edificio) o tenerne conto in un secondo momento durante l'installazione dei binari.
- I dadi M10 necessari per il montaggio sono inclusi in ogni fornitura. Conservateli per un uso successivo.
- Distribuire e posizionare le basi solari secondo la pianificazione.
- Le distanze dai bordi devono essere sempre rispettate.

Zavorramento della ZinCo Solar Base SB 200:

- Le vaschette possono essere riempite solo con il substrato previsto dalla pianificazione. Le variazioni del peso specifico hanno un effetto sull'altezza di riempimento richiesta e sulla distanza tra le piastre.
- L'altezza minima di riempimento deve essere ricavata dalla progettazione.
- Durante il posizionamento del materiale, occorre fare attenzione che il materiale sfuso non finisca sotto la vasca e che la vasca non si sposti.
- Le lastre devono essere completamente riempite e coperte in ogni caso.

Note importanti:

- Tutti i collegamenti a vite devono essere verificati dopo l'installazione.
- Il cliente è responsabile dell'approvazione statica della superficie del tetto.
- Tutti i calcoli del carico sovrapposto da parte di ZinCo AG sono eseguiti in base ai carichi di vento e neve secondo la norma SIA 261.
- L'installazione che si discosta dalla pianificazione di ZinCo AG è consentita solo previa autorizzazione scritta.

Please read the following points before Start of assembly carefully



Before installation:

- The roof surface should be free of material that is not immediately required for the installation of the ZinCo PowerGreen system.
- The roof surface should be swept clean.
- The roof surface should be thoroughly inspected for damage and stability.
- A suitable protective layer of roof waterproofing must be in place according to the manufacturer's or ZinCo AG's specifications.
- The planning must be checked for correctness before starting work.

Positioning of the ZinCo Solar Base SB 200:

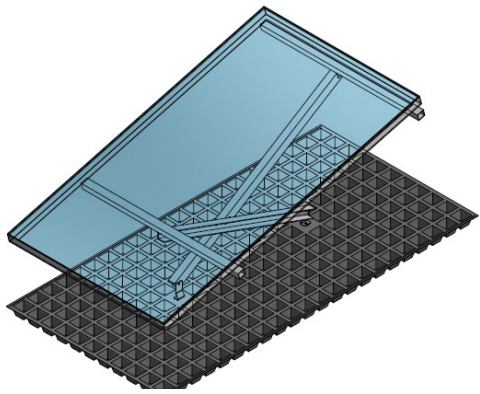
- Cleaning of the roof surface. There should be no stones or other objects under the solar bases.
- Level out larger unevennesses in the roof construction with suitable materials (e.g. building protection mats) or take them into account later during rail installation.
- The M10 nuts required for mounting are included with each delivery. Please keep for later use.
- Distribute and position the solar bases according to planning.
- The edge distances must always be observed.

Ballasting of the ZinCo Solar Base SB 200:

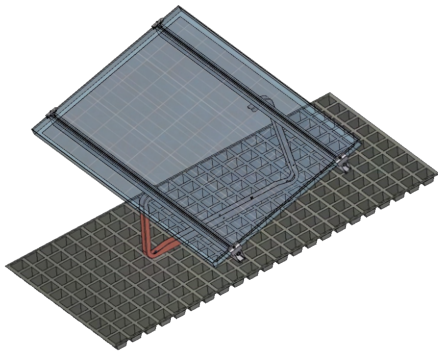
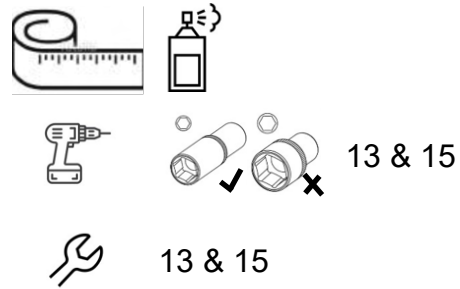
- The trays may only be filled with the substrate provided for in the planning. Changes in the specific weight have an effect on the required pouring height and the plate spacing.
- The minimum pouring height is to be taken from the planning.
- During the placement of the material, care must be taken that no bulk material gets under the trough and that the trough is not displaced.
- The slabs must be completely backfilled and covered in any case.

Important notes:

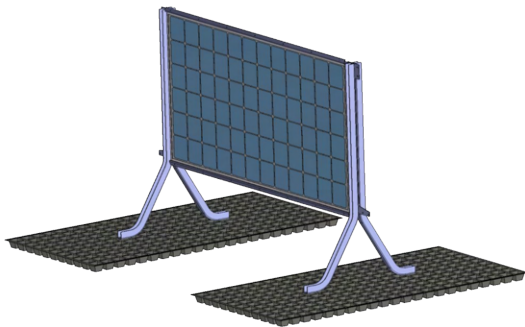
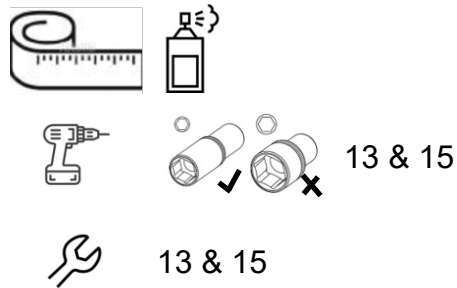
- All screwed connections must be checked for strength after installation has been completed.
- The client is responsible for the static approval of the roof surface.
- All calculations of the superimposed load by ZinCo AG are carried out according to wind and snow loads in accordance with SIA 261.
- Installation deviating from the planning of ZinCo AG is only permissible with written approval.



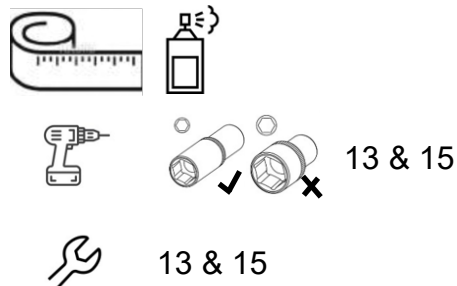
PowerGreen portrait Solo & Duo



PowerGreen landscape Solo & Duo



PowerGreen vertical



Ballastierung:

- Genaue Auflast und Plattenabstände müssen durch die ZinCo Anwendungstechnik berechnet werden
- Sämtliche Berechnungen der Auflast durch die ZinCo AG erfolgen nach Wind- und Schneelasten gemäss SIA 261

Lestage:

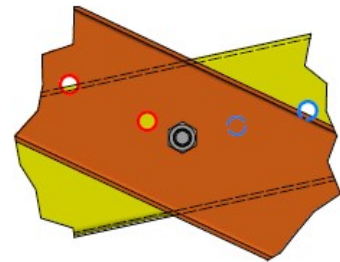
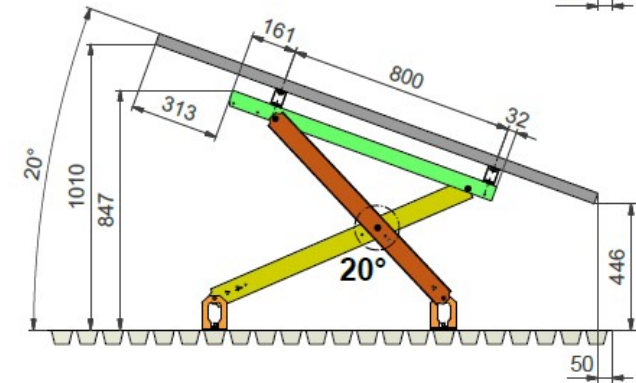
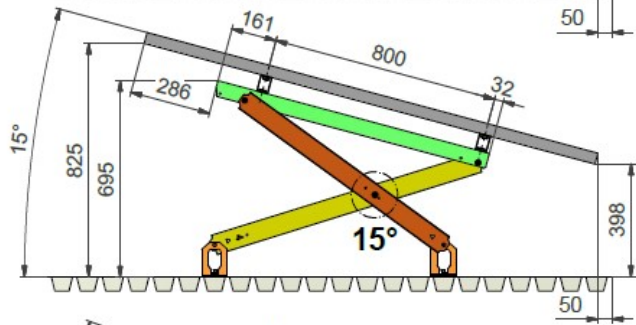
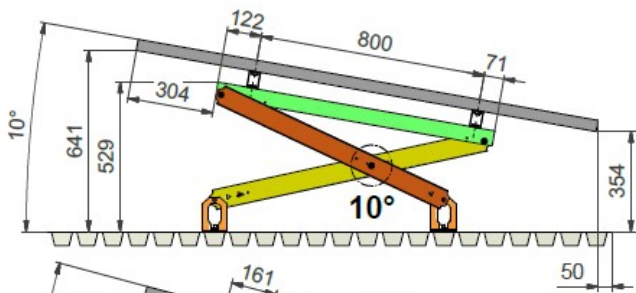
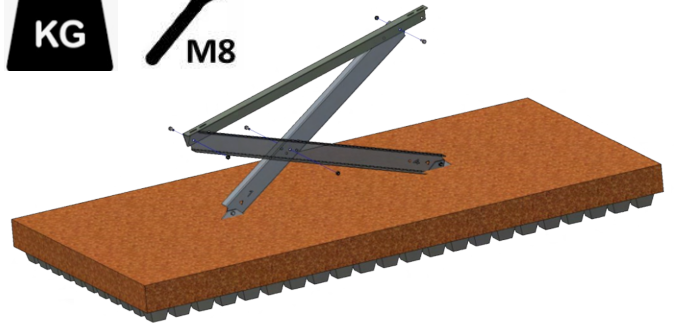
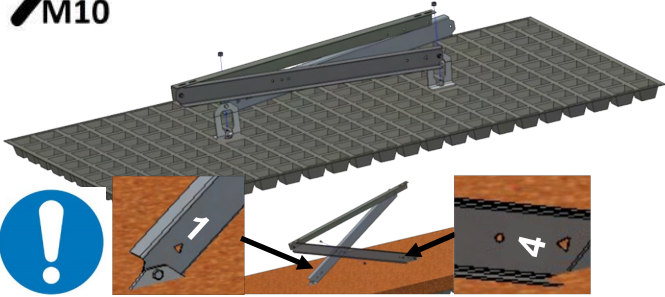
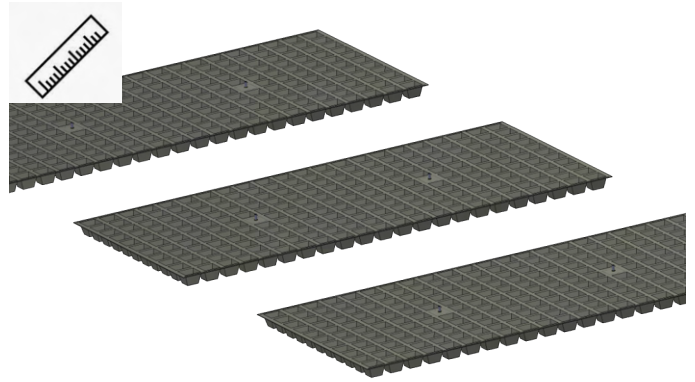
- La charge exacte et les distances entre les panneaux doivent être calculées par le service technique d'application ZinCo
- Tous les calculs de charge par ZinCo AG sont effectués selon les charges de vent et de neige selon SIA 261

Zavorramento:

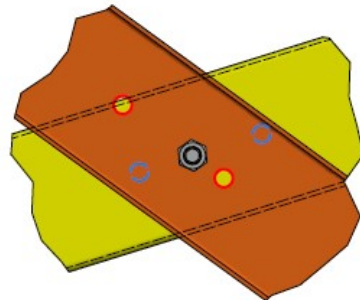
- L'esatta distanza tra le zavorre e i pannelli deve essere calcolata da ZinCo Application Engineering
- Tutti i calcoli delle zavorre di ZinCo AG sono eseguiti in base ai carichi di vento e neve secondo la norma SIA 261

Ballasting:

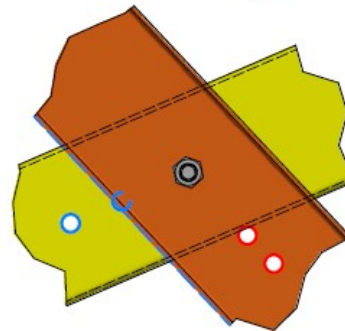
- Exact ballast and panel spacing must be calculated by ZinCo Application Engineering
- All calculations of ballast by ZinCo AG are made according to wind and snow loads in accordance with SIA 261



Detail 10°

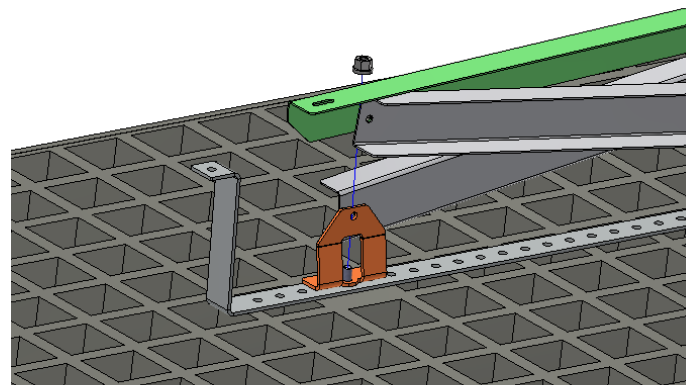
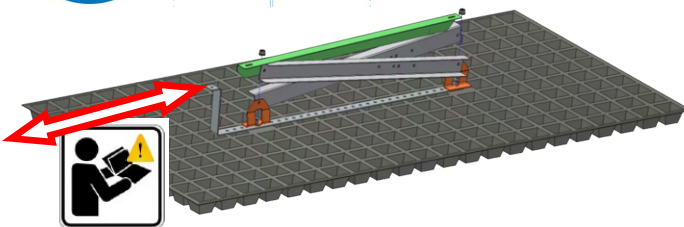
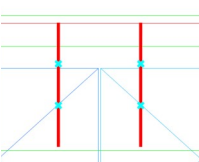
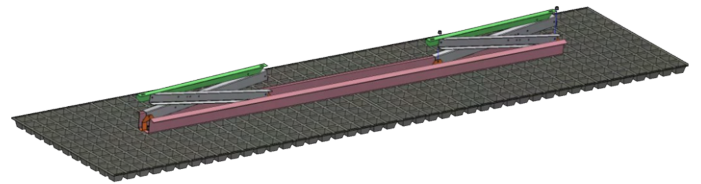
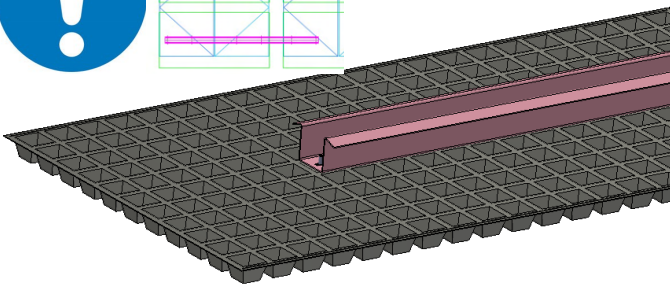
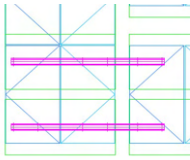
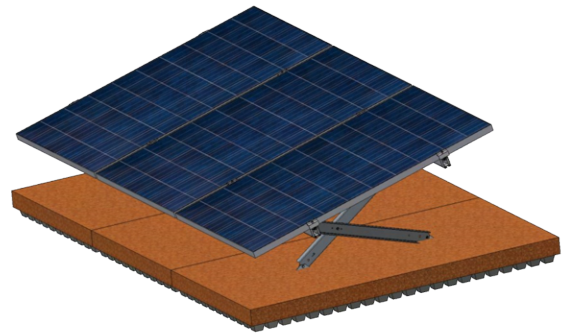
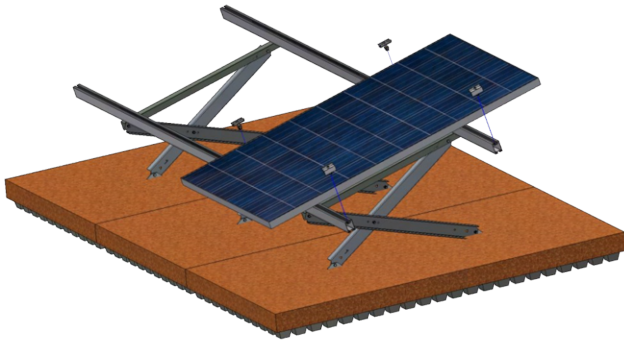
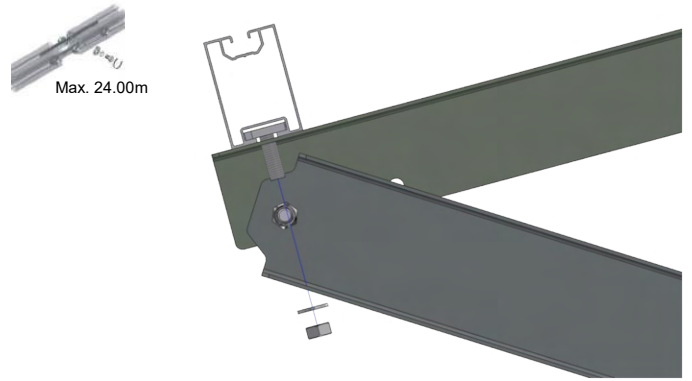
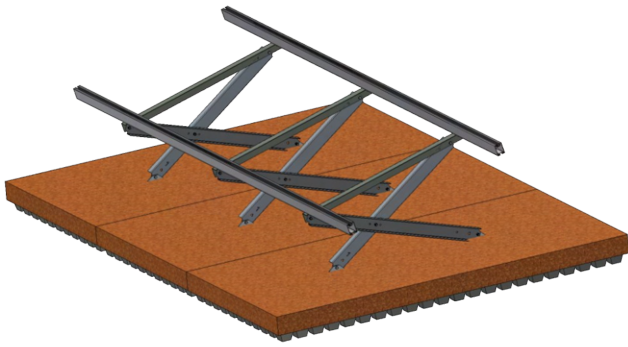


Detail 15°

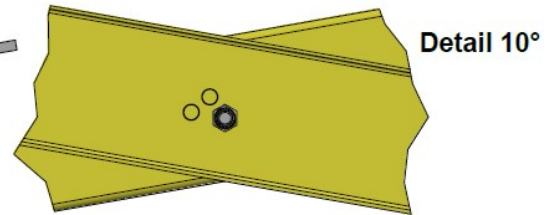
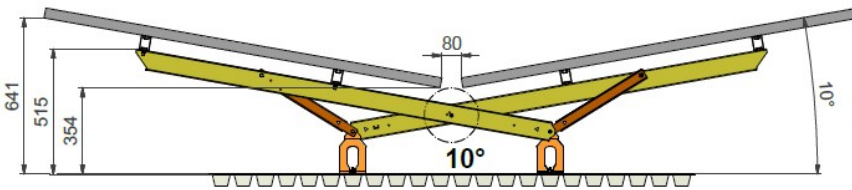
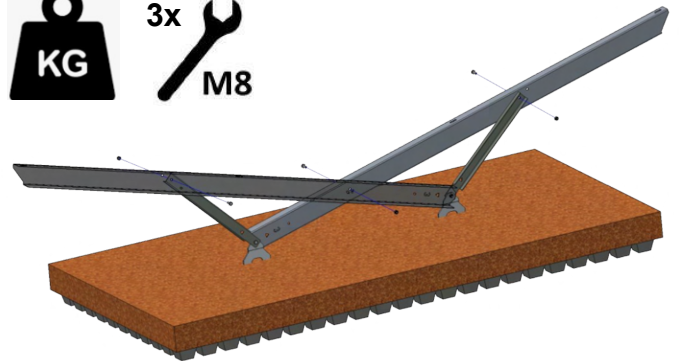
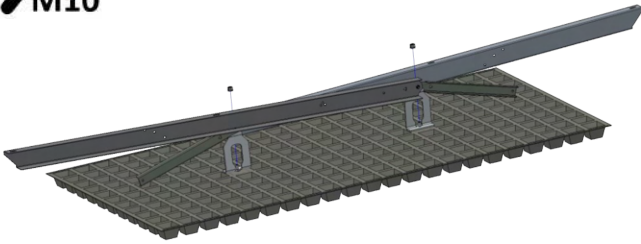
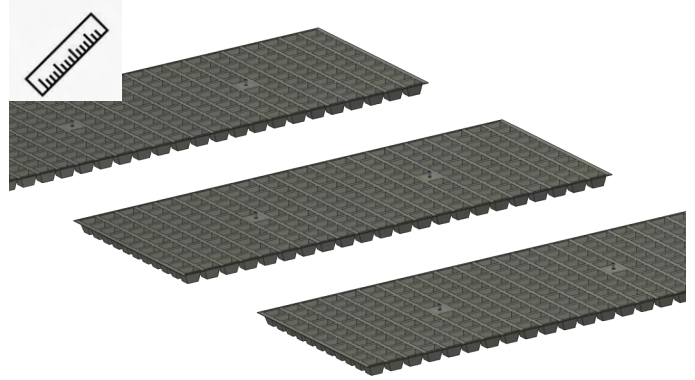


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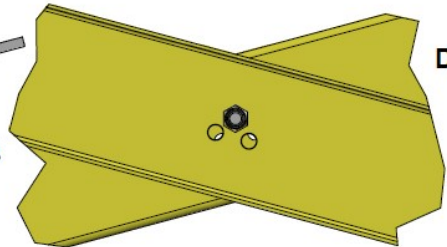
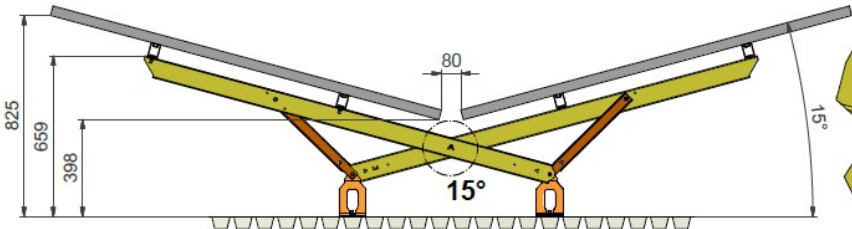
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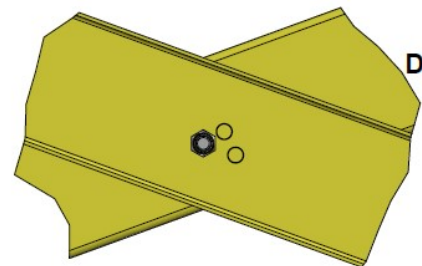
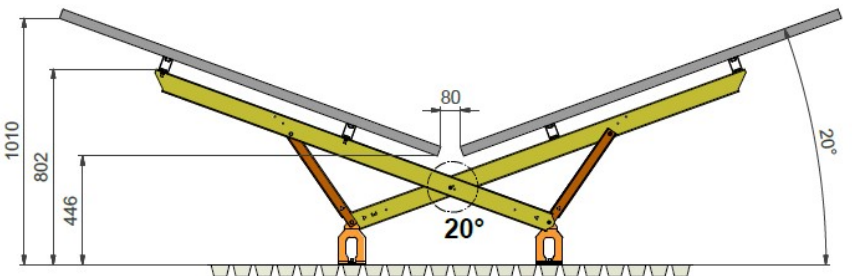
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Detail 10°

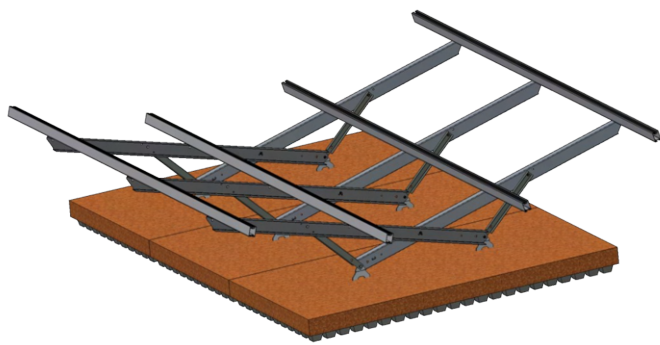


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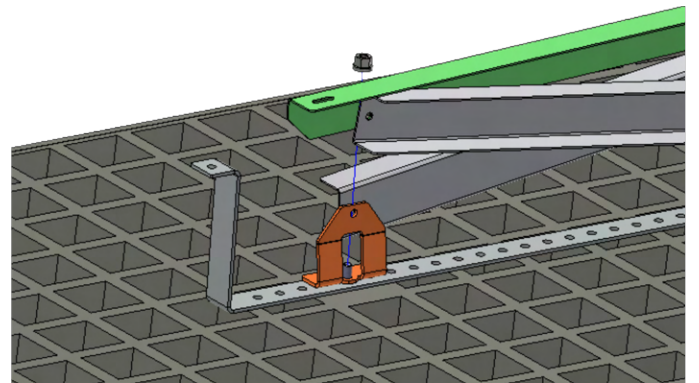
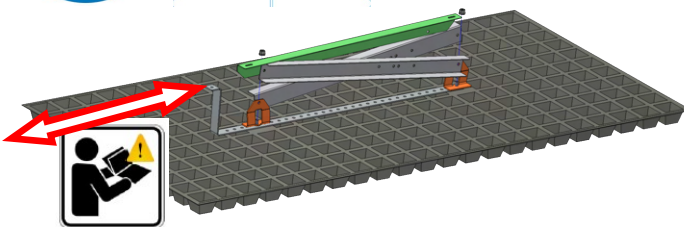
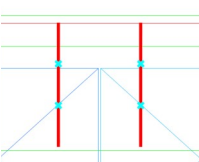
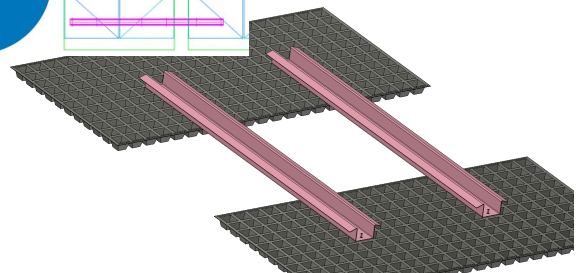
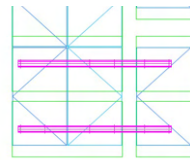
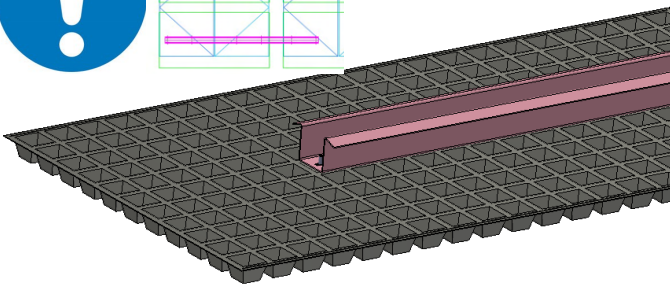
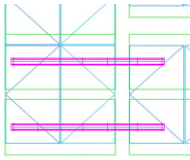
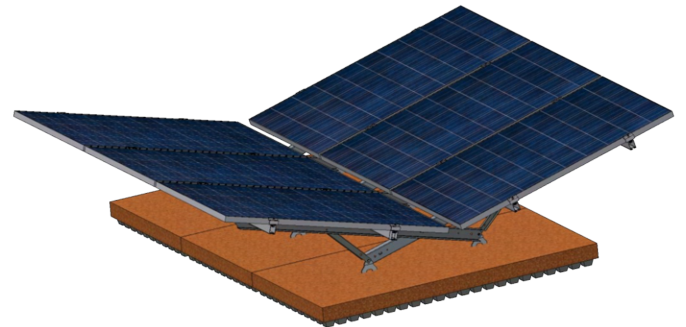
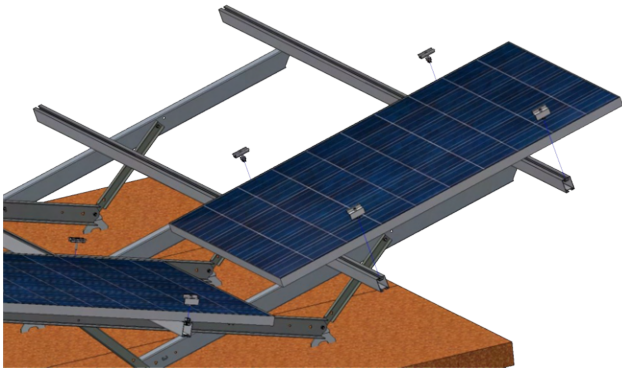
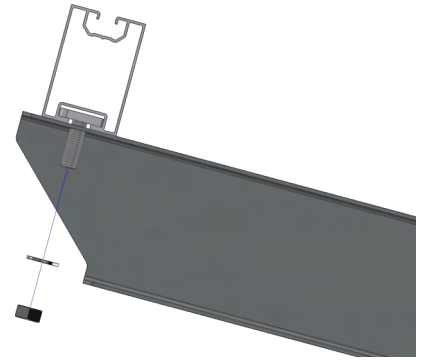


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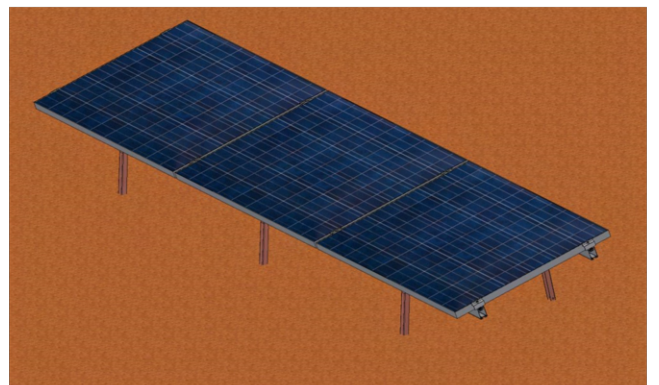
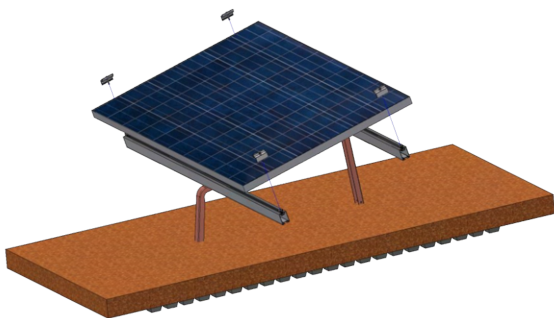
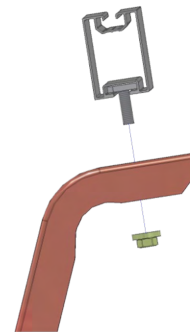
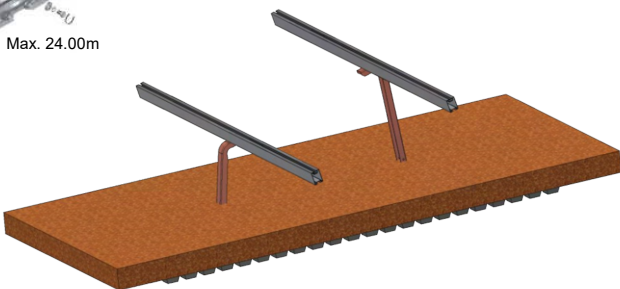
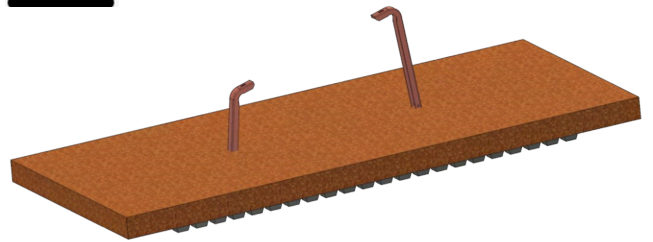
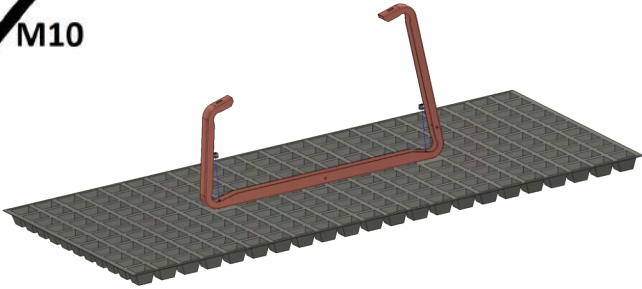
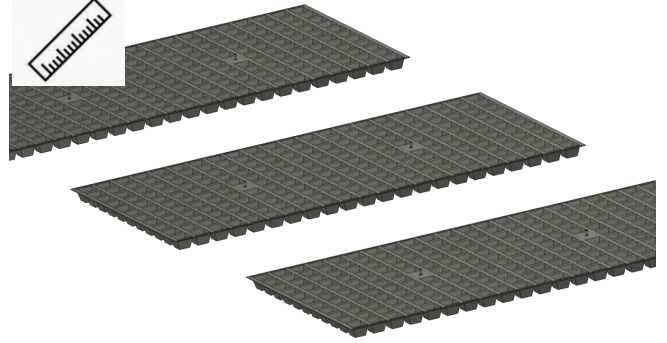
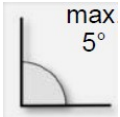
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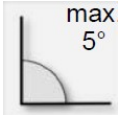
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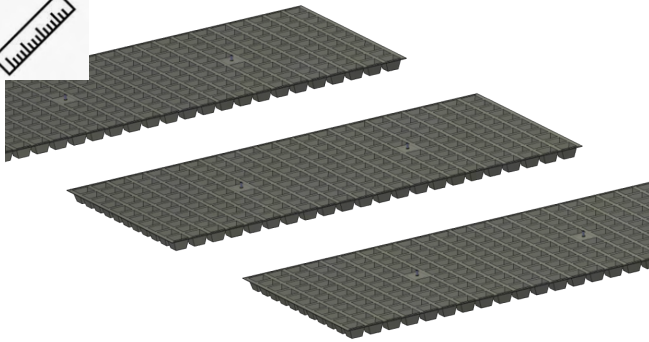
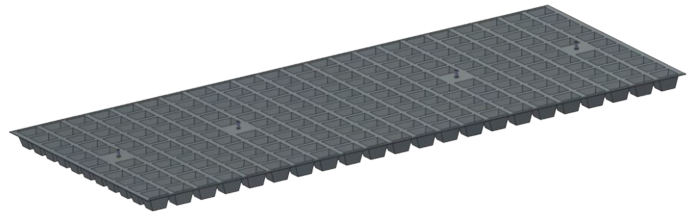


Art. 3460

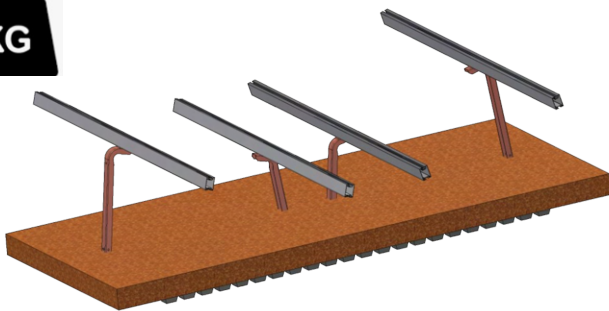
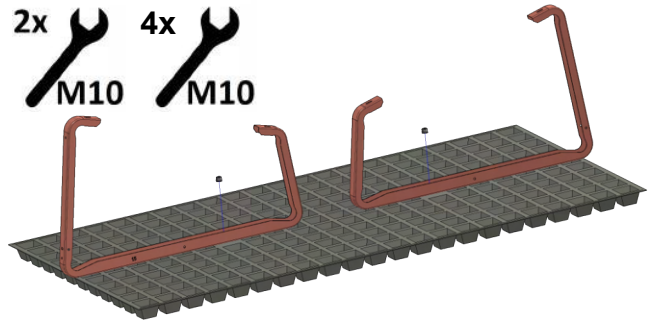
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M10

Art. 3465

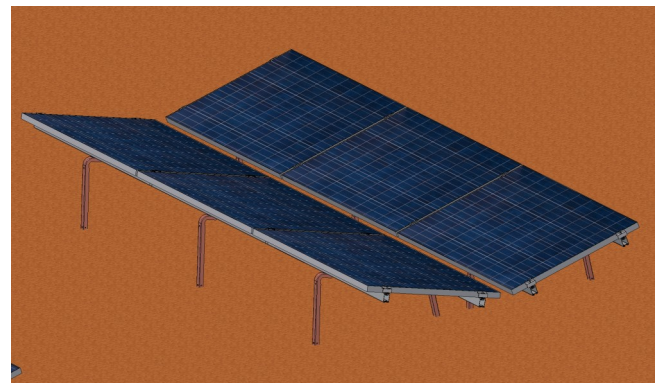
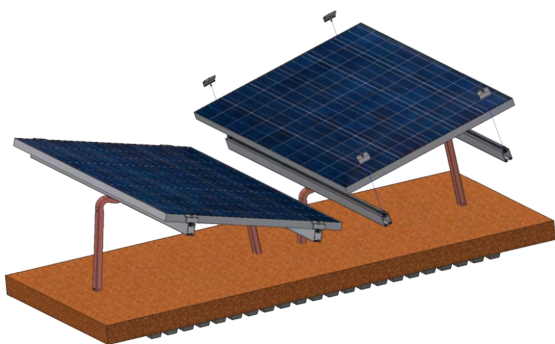
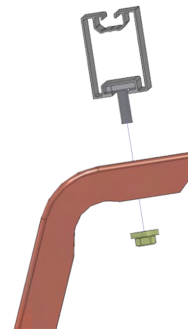
4x
M10



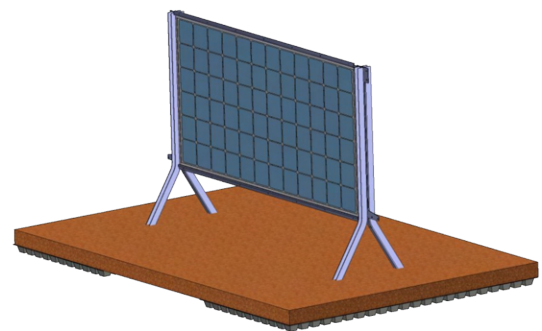
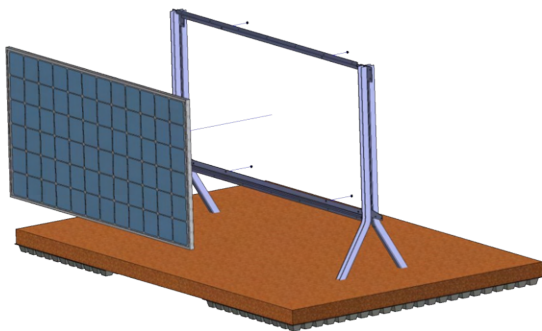
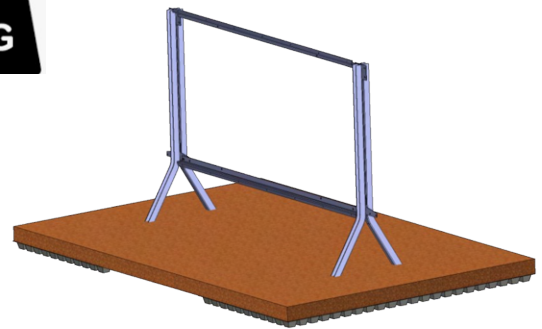
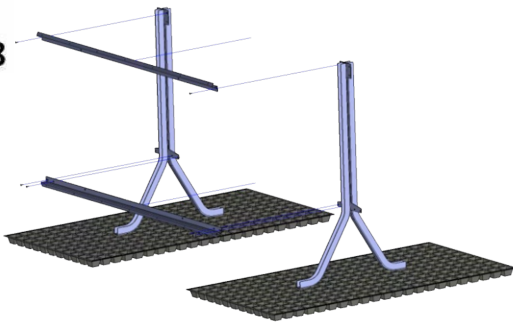
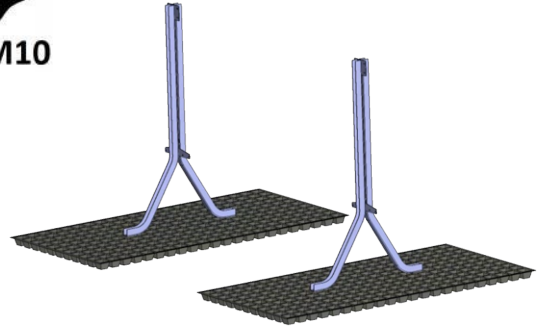
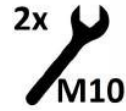
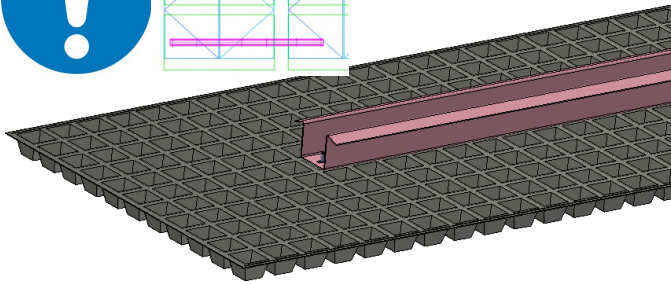
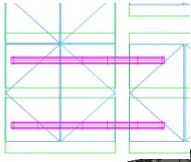
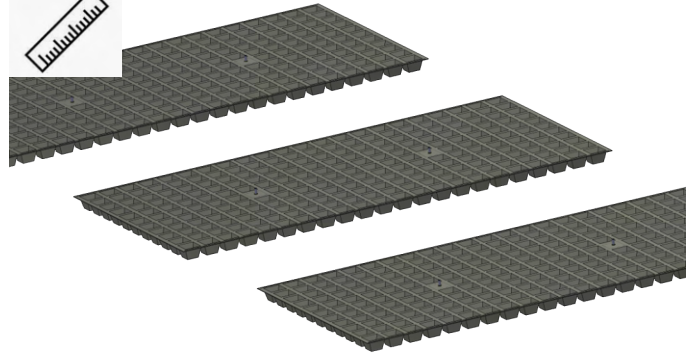
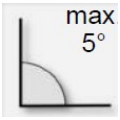
Art. 3460 2x
M10
Art. 3465 4x
M10



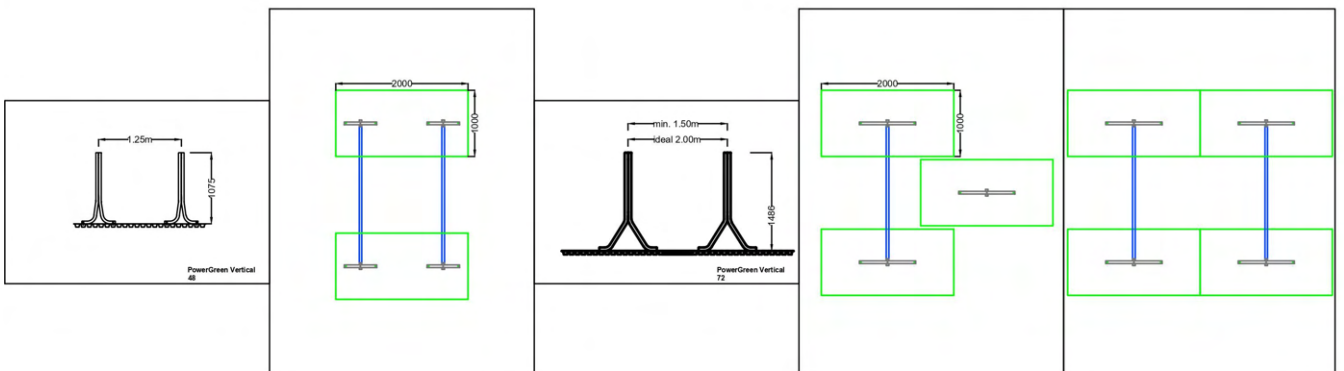
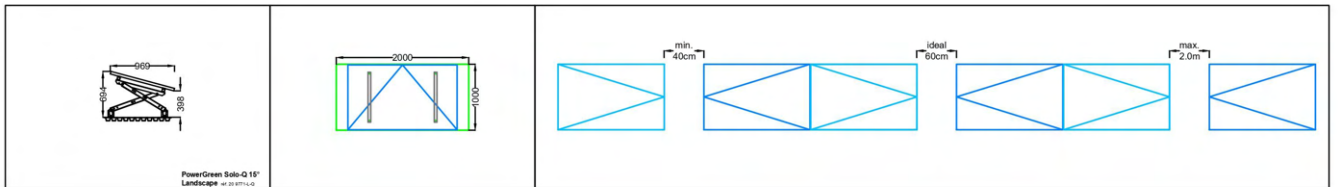
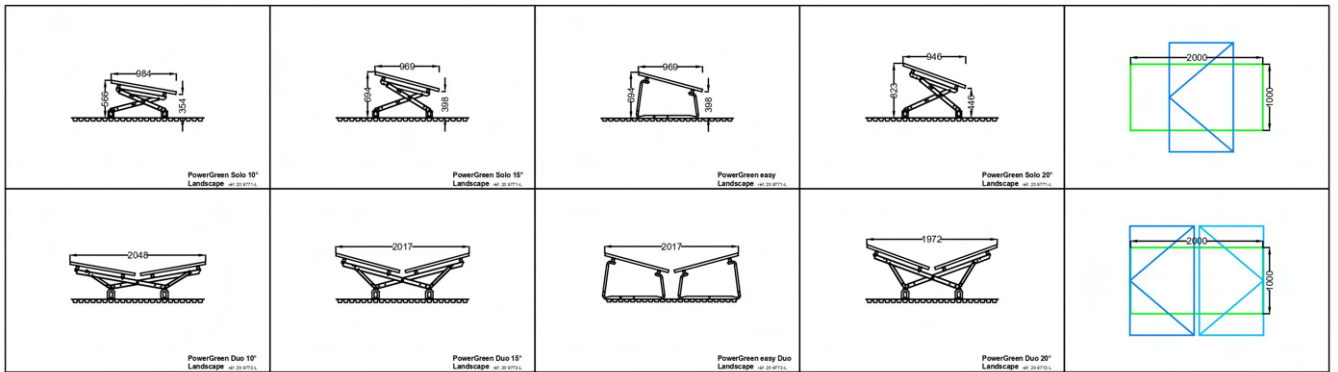
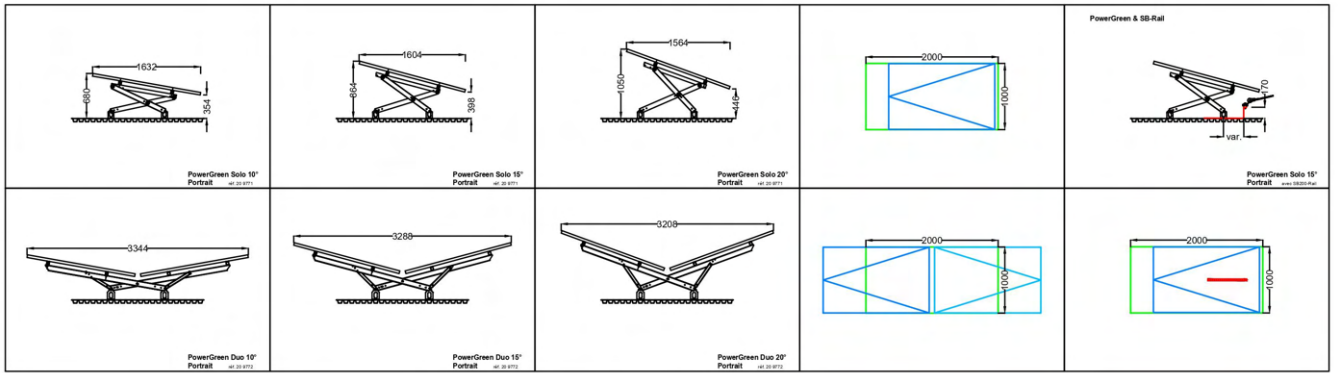
Max. 24.00m



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