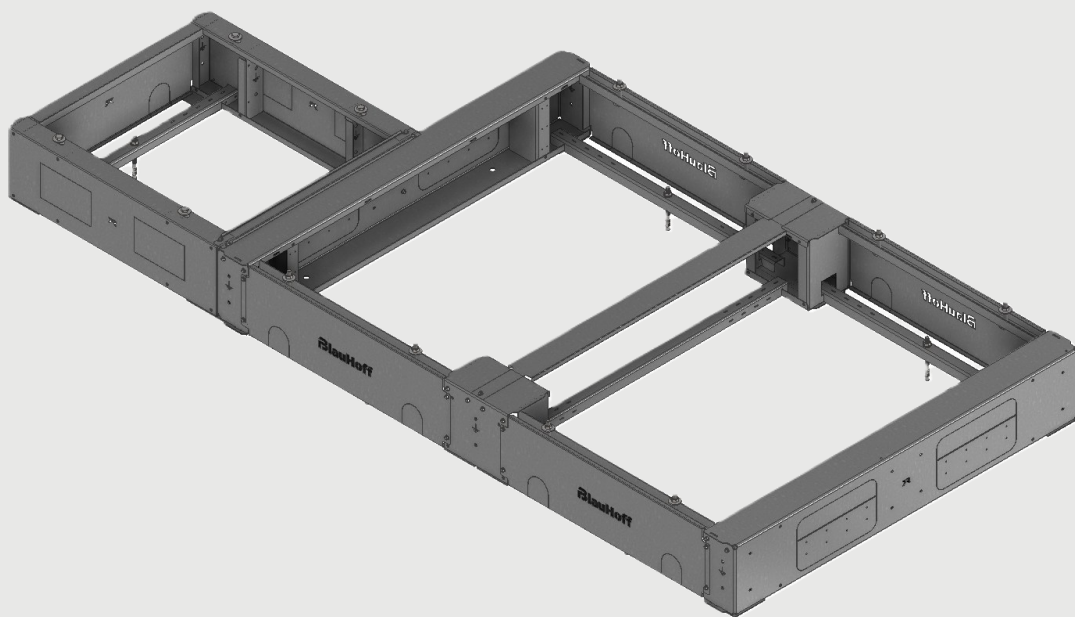


Substructure



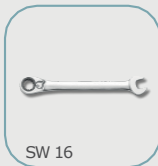
INSTALLATION
INSTRUCTIONS

Substructure

TOOLS

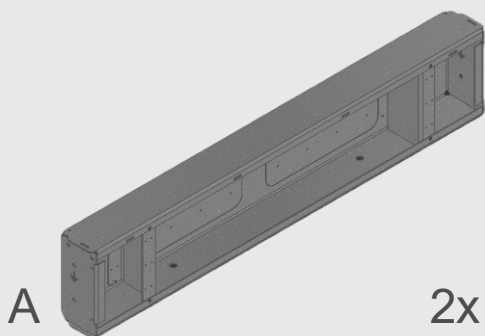


Installation requires
one people!



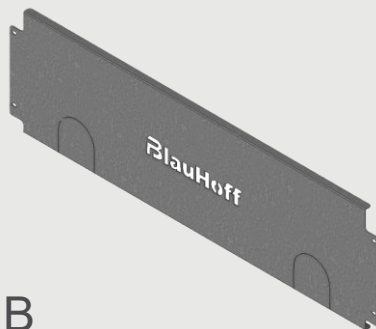
Substructure

SUPPLIES



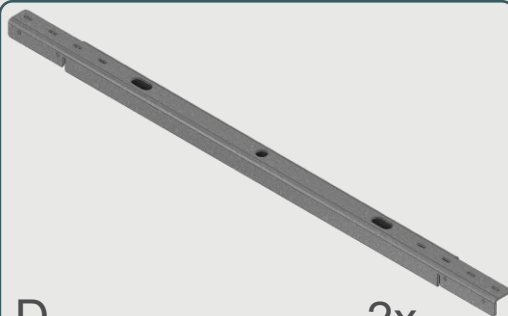
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2x



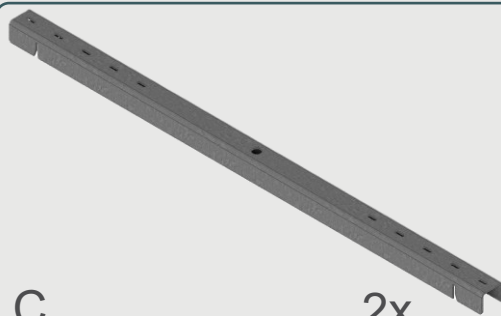
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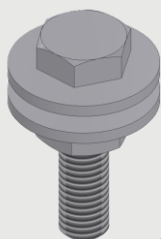
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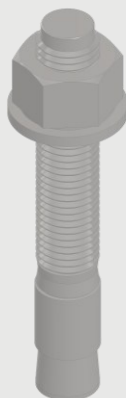
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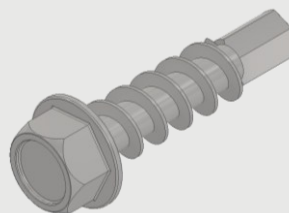
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4x



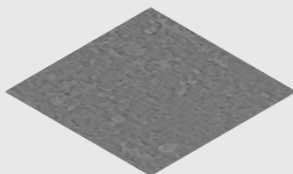
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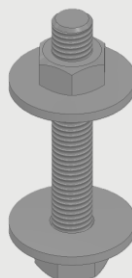
G

24x



E

4x

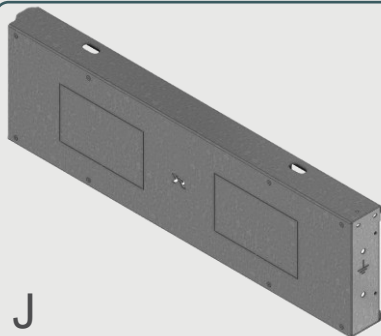


H

8x

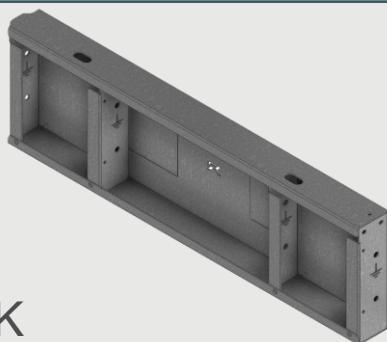
Substructure

SUPPLIES



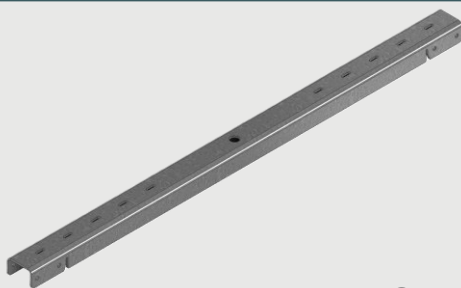
J

1x



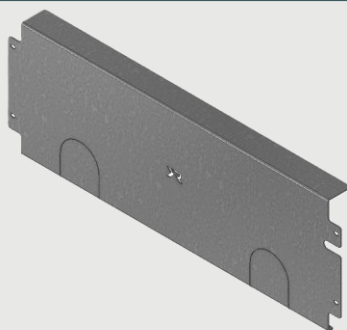
K

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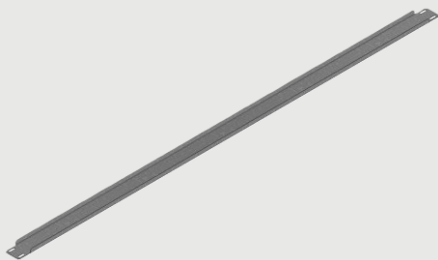
L

2x



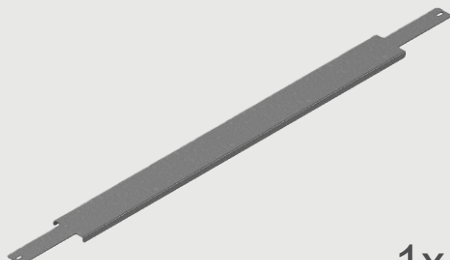
M

1x



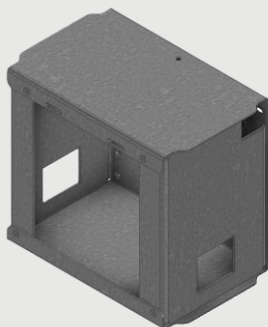
N

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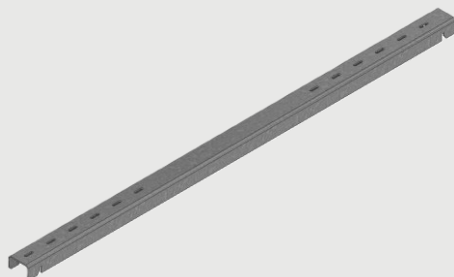
O

1x



Q

1x



R

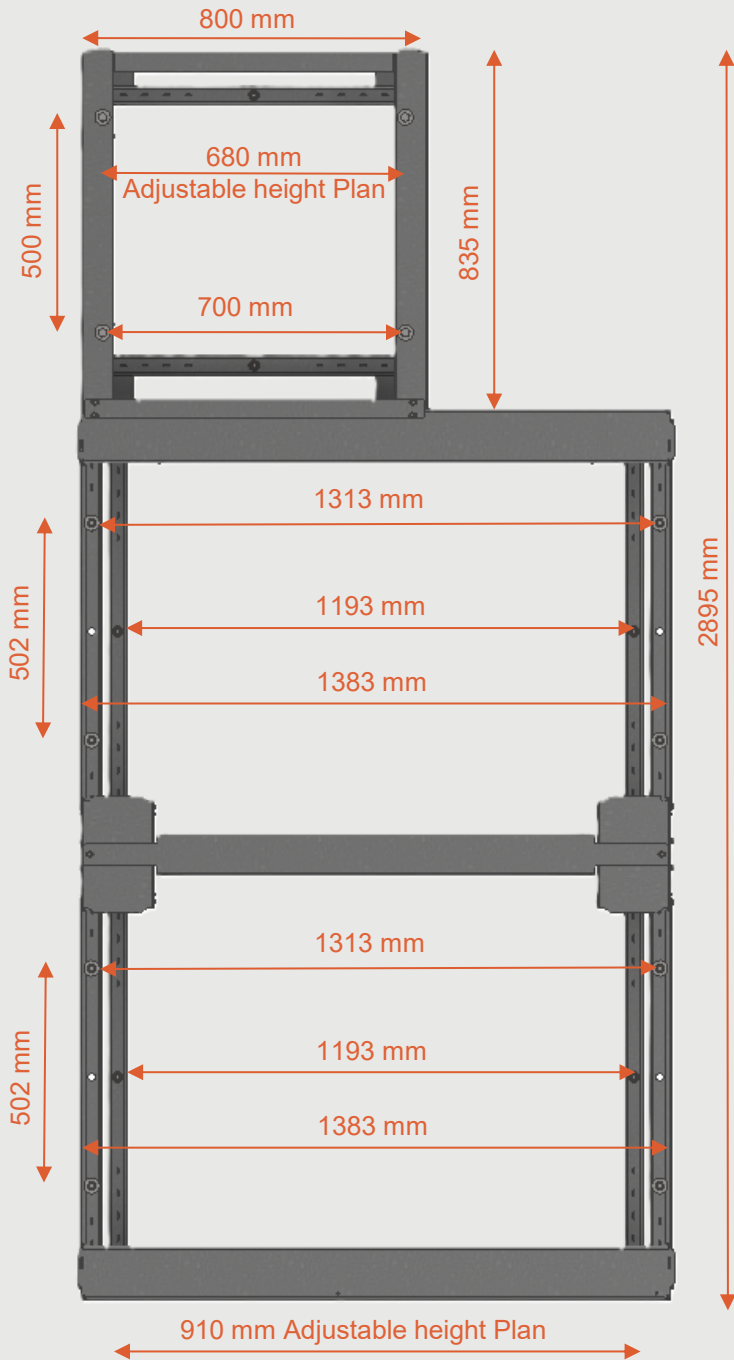
1x

Substructure

Dimensions and position

1

The indicated dimensions are for reference only and illustrate the general positioning of the substructure for the installation of the STS and 2 S2 batteries, including the adjustable height installation option.

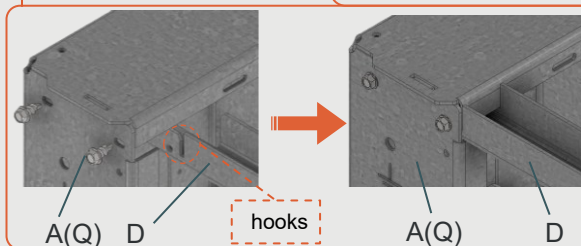
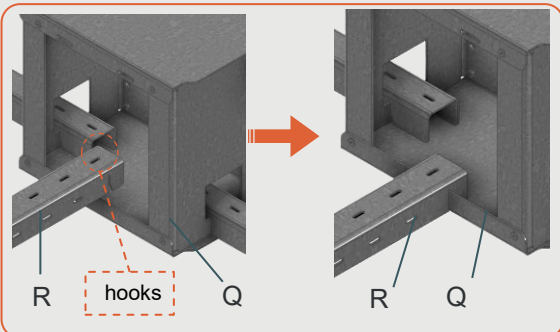
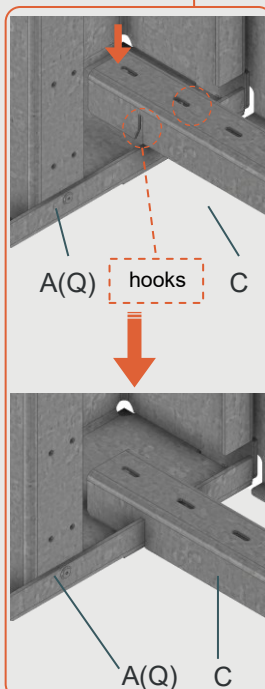
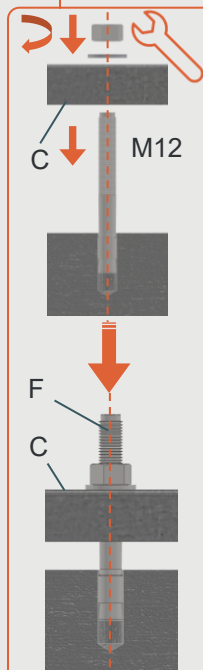
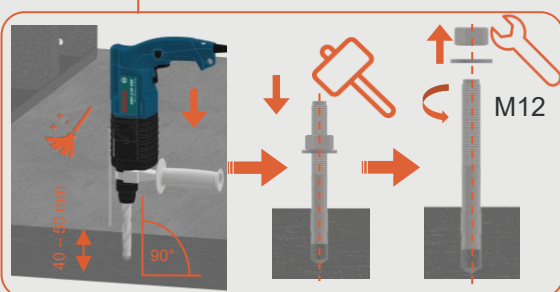
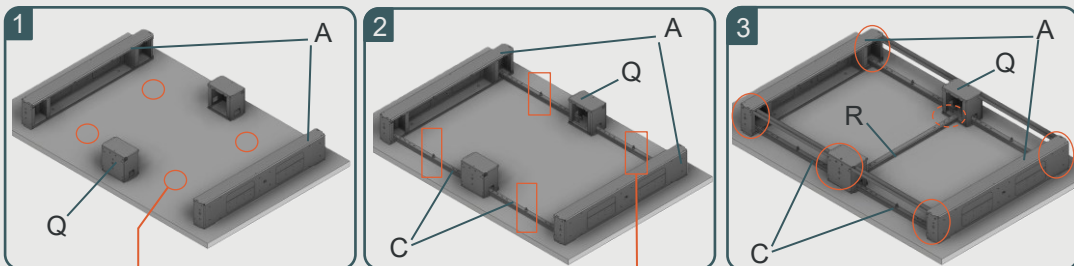


Substructure

Installing

- 2** Install the base profiles according to the selected installation plan (fixed height or adjustable height). Drill the anchor holes ($\varnothing 16$ mm, minimum depth 40 mm) and clean thoroughly before inserting the M16 anchor bolts. Position and align the profiles, tighten the anchors to the specified torque. For the adjustable height configuration, use steel shims (max. 12 pcs) to achieve proper leveling before final fixation.

Fixed height Plan



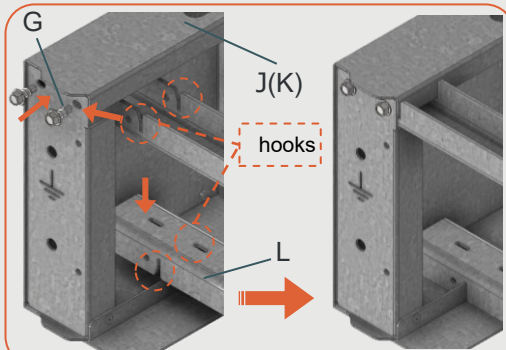
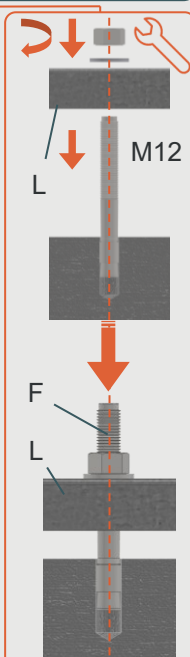
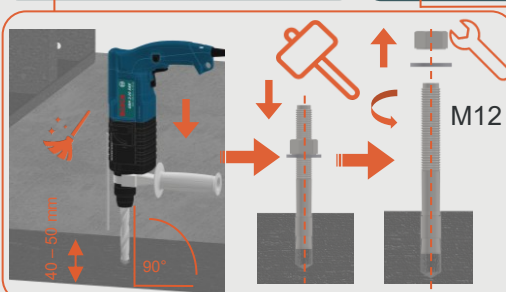
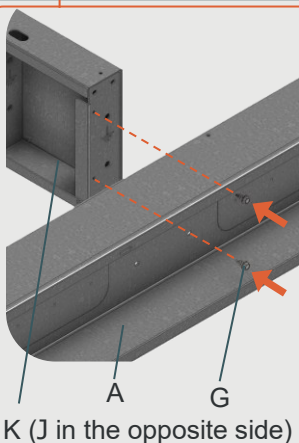
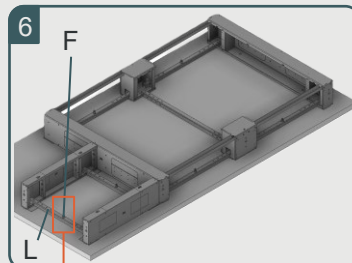
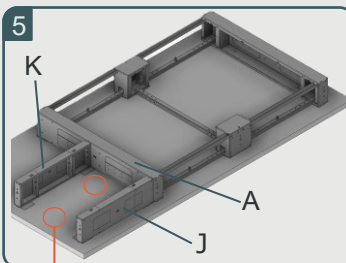
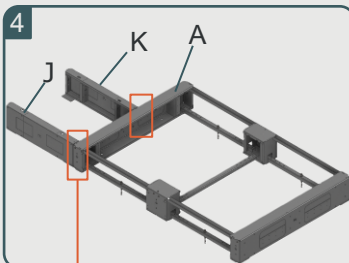
Substructure

Installing

3

Install the base profiles according to the selected installation plan (fixed height or adjustable height). Drill the anchor holes ($\varnothing 12$ mm, minimum depth 40 mm) and clean thoroughly before inserting the M12 anchor bolts. Position and align the profiles, tighten the anchors to the specified torque. For the adjustable height configuration, use steel shims (max. 12 pcs) to achieve proper leveling before final fixation.

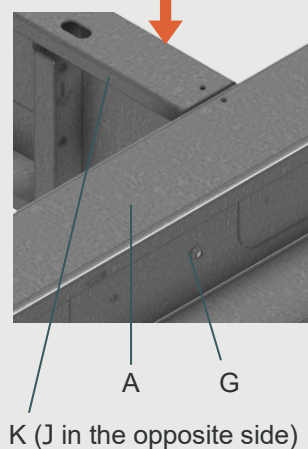
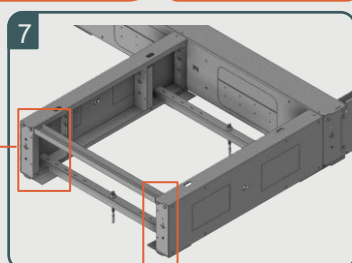
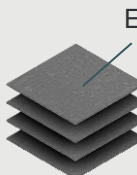
Fixed height Plan



Adjustable height Plan



12 max
Steel shims

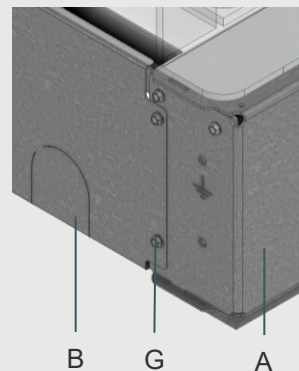
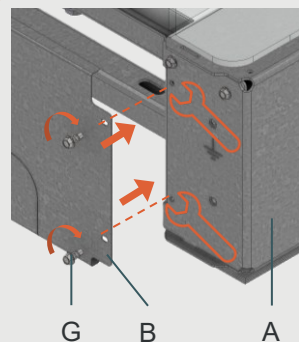
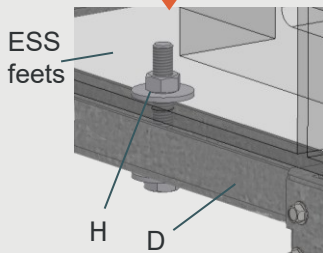
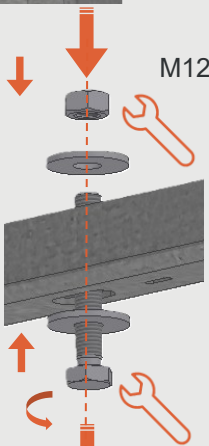
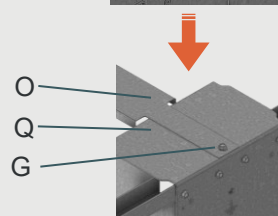
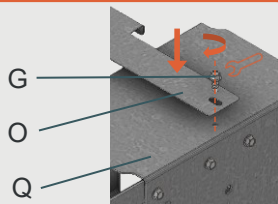
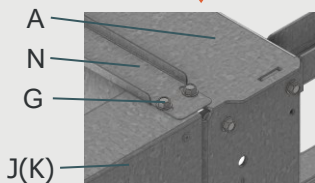
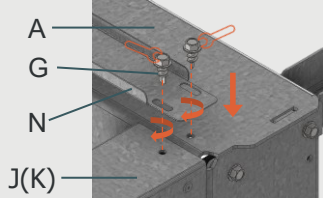
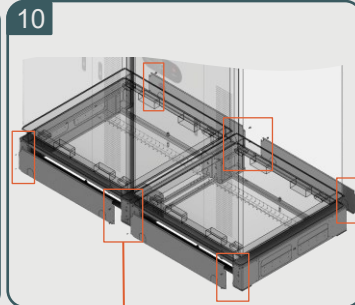
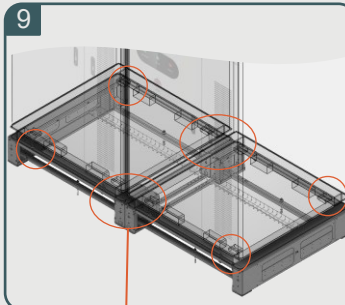
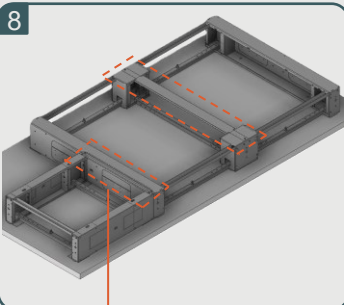


Substructure

Installing

4

Position the ESS units onto the installed substructure and align with the mounting points. Secure the units using the specified fastening points and tighten accordingly. The ESS feet support installation in predefined mounting positions on the substructure. Remove the designated knock-out holes for cable routing only if required.

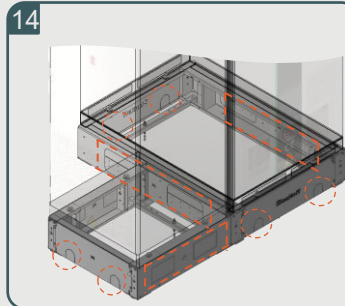
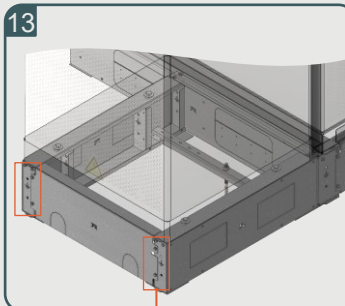
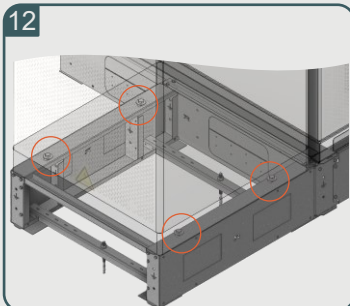


Substructure

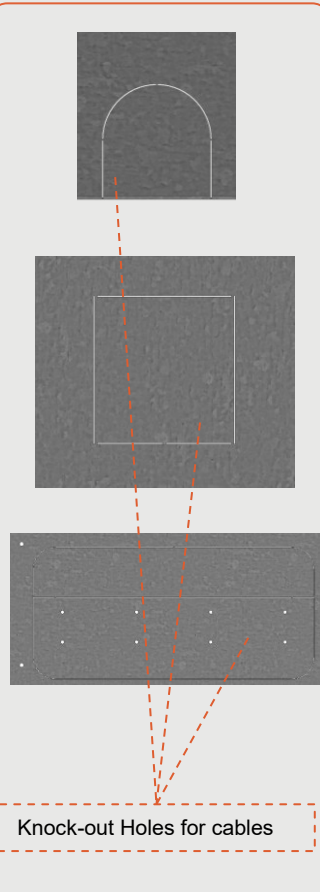
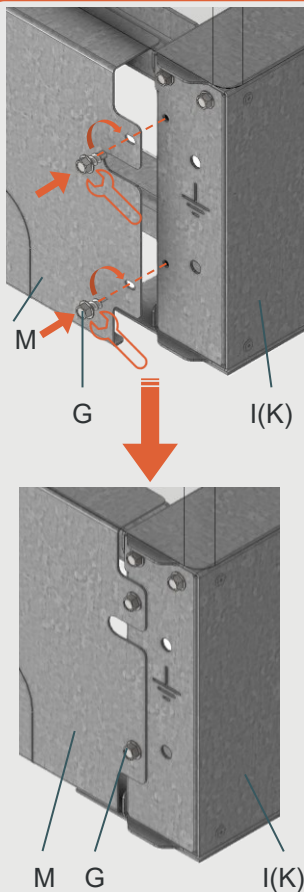
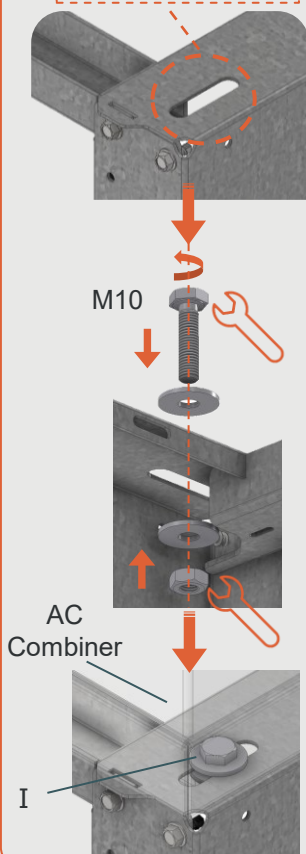
Installing

5

Position the AC combiner units onto the installed substructure and align with the mounting points. Secure the units using the specified fastening points and tighten accordingly. The ESS feet support installation in predefined mounting positions on the substructure. Remove the designated knock-out holes for cable routing if required.



Mounting positions





Roef B.V.

Pascalweg 18
4104 BG Culemborg

+31 (0) 342 781 234 | info@roefclix.com | www.Roefclix.com