

HOW TO MOUNT THE CRANE

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Included:

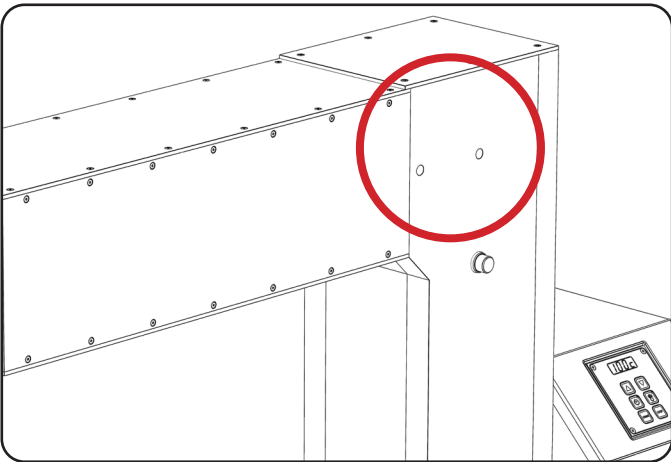
- 2x Base legs
- 2x Intermediate legs
- 1x Top frame
- 1x Swing frame
- 1x Hoist
- 1x Bracket
- 1x Box with mounting material:
 - 4x Square neck bolt M8x55
 - 4x Hex bolt M8x90
 - 6x Nut M8
 - 2x Car body washer M8
 - 8x Plain washer M8
 - 10x Spring washer M8
 - 12x Hex bolt M10x100
 - 24x Washer M10
 - 12x Spring washer M10
 - 12x Nut M10
 - 2x Threaded rod M12x315
 - 4x Plastic Ring $\varnothing 13\text{-}\varnothing 25$ 5mm thick
 - 4x Washer M12
 - 4x Spring washer M12
 - 4x Nut M12
 - 10x Nut cap M8
 - 24x Nut cap M10
 - 4x Screw 6x40
 - 3x Tie wrap

Needed tools:

- Spanner or ratchet 13mm
- 2x Spanner or ratchet 17mm
- 1x Spanner or ratchet 16mm
- 2x Spanner 19mm
- Torque spanner 13mm, set torque: 22 Nm.
- Torque spanner 17mm, set torque: 44 Nm.
- Power drill with drill bit $\varnothing 8\text{mm}$
- Screw bit PZD3
- Plastic hammer

1

Remove the 2 upper plastic caps from the core. Remove the 2 M12 threaded rods under these caps:

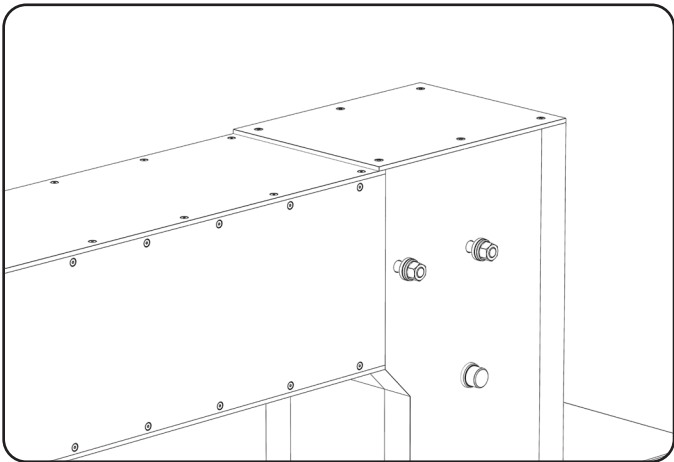


Needed tools:

- Spanner 19

2

Insert the threaded rods provided through the core. Place the plastic ring, washer, spring washer and nut on the threaded rods. Make sure the plastic ring is placed first, otherwise the frame will get hot during use!



Needed tools:

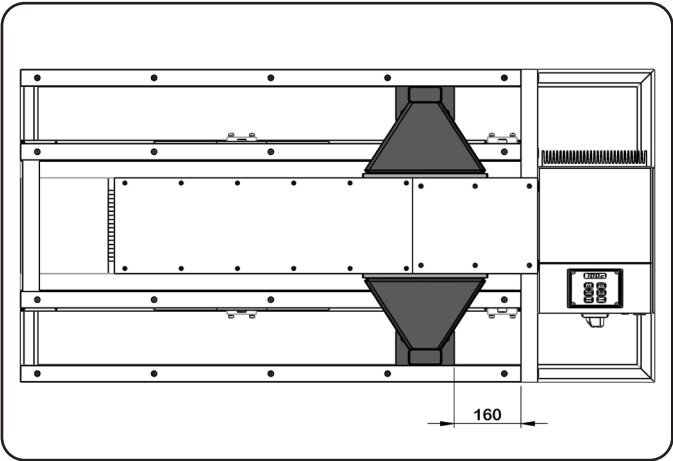
- Spanner 19

Needed parts:

- 4x Plastic Ring $\varnothing 13\text{-}\varnothing 25$ 5mm
- 4x Washer M12
- 4x Spring washer M12
- 4x Nut M12
- 2x Threaded rods M12x315

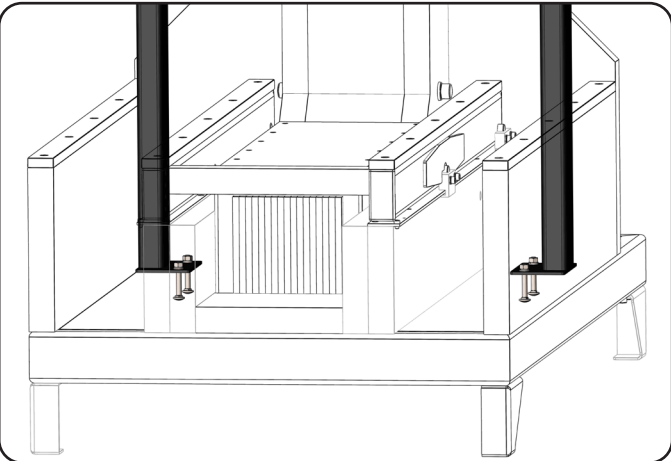
3

Place the base legs next to the core.



4

Drill holes through the wooden base plate with $\varnothing 8$. From below, insert the square neck bolt through the frame. Tighten this. Also tighten the M12 threaded rods.



Needed tools:

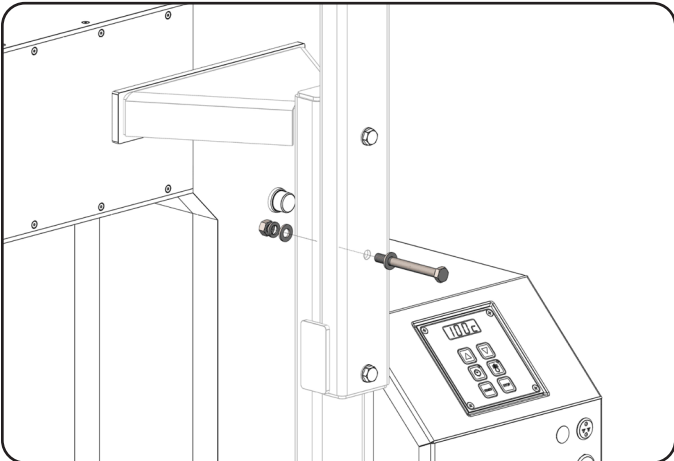
- Spanner 19
- Spanner or ratchet 13mm
- Power drill with drill bit $\varnothing 8\text{mm}$

Needed parts:

- 4x Square neck bolt M8x55
- 4x Washer M8
- 4x Spring washer M8
- 4x Nut M8

5

Place the intermediate legs on the base legs. See illustration how to assemble. Place 3x M10x100 hex bolt per leg. Do not tighten the bolts yet.



Needed tools:

- Spanner or ratchet 17mm

Needed parts:

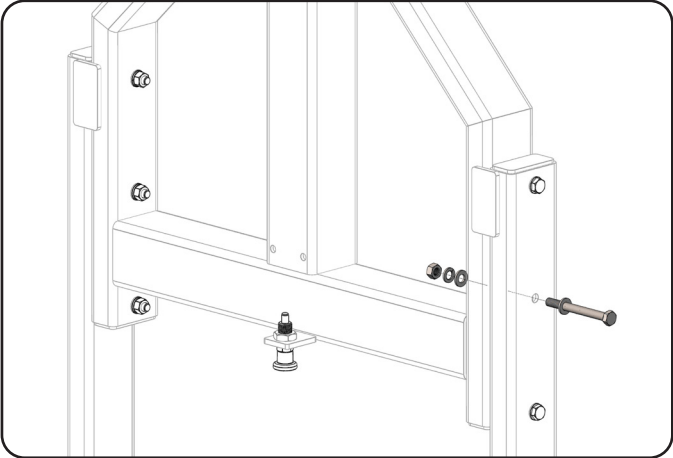
- 6x hex bolt M10x100
- 12x Washer M10
- 6x Spring washer M10
- 6x Nut M10

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Now place the upper frame on the intermediate legs. Make sure the plunger bolt faces forward. Insert 6x Hex bolt M10x100.



Needed tools:

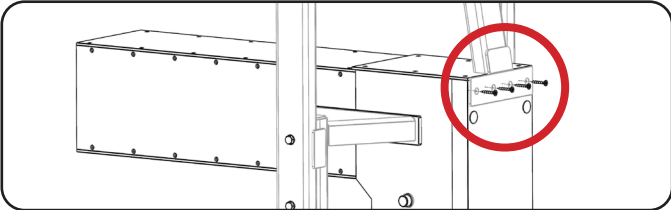
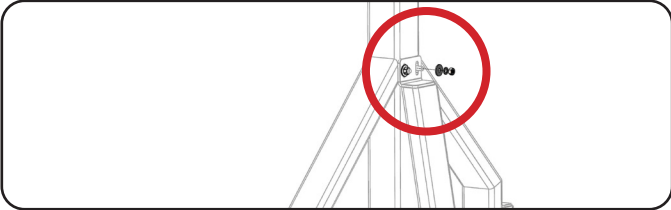
- Spanner or ratchet 17mm

Needed parts:

- 6x Hex bolt M10x100
- 12x Washer M10
- 6x Spring washer M10
- 6x Nut M10

7

Place the bracket on the 2 studs at the rear of the frame. Mount the bracket to the top frame with car body washer M8, spring washer and nut M8. Secure the bracket with the 4 chipboard screws 6x40.



Needed tools:

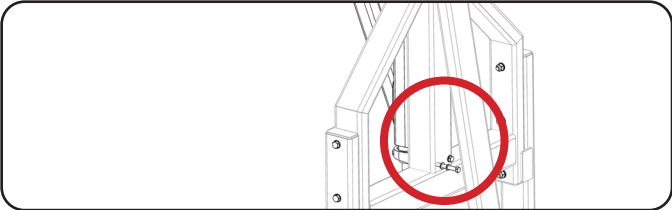
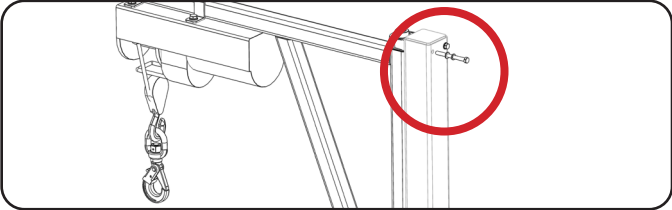
- Spanner or ratchet 13mm
- Screw bit PZD3

Needed parts:

- 2x Car body washer M8
- 2x Spring washer M10
- 2x Nut M10
- 4x Chipboard screws 6x40

8

Now fit the swing frame to the top frame with 4 hex bolts M8x90, washer M8 and spring washer M8. Mount the hoist to the swing frame. Attach the power cable to the swing frame with tie wraps



Needed tools:

- Spanner or ratchet 13mm
- Spanner or ratchet 16mm

Needed parts:

- 4x Hex bolt M8x90
- 4x Washer M8
- 4x Spring washer M8
- 3x Tie wraps

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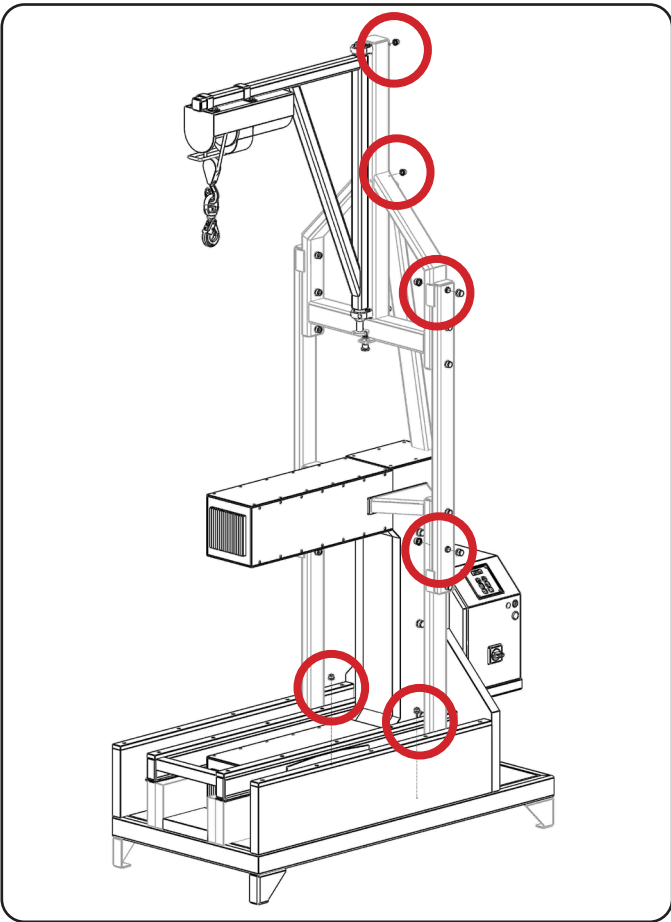
Check that the frame is positioned squarely on top of the machine. Adjust if necessary. When everything is in a straight position, tighten the 12 M10 bolts (44 Nm). Tighten the bracket and bearings (22 Nm). Fit nut caps to all bolt heads and nuts. These can be fitted with a plastic hammer:

Needed tools:

- Torque spanner 13mm, set torque: 22 Nm.
- Torque spanner 17mm, set torque: 44 Nm.
- Plastic hammer

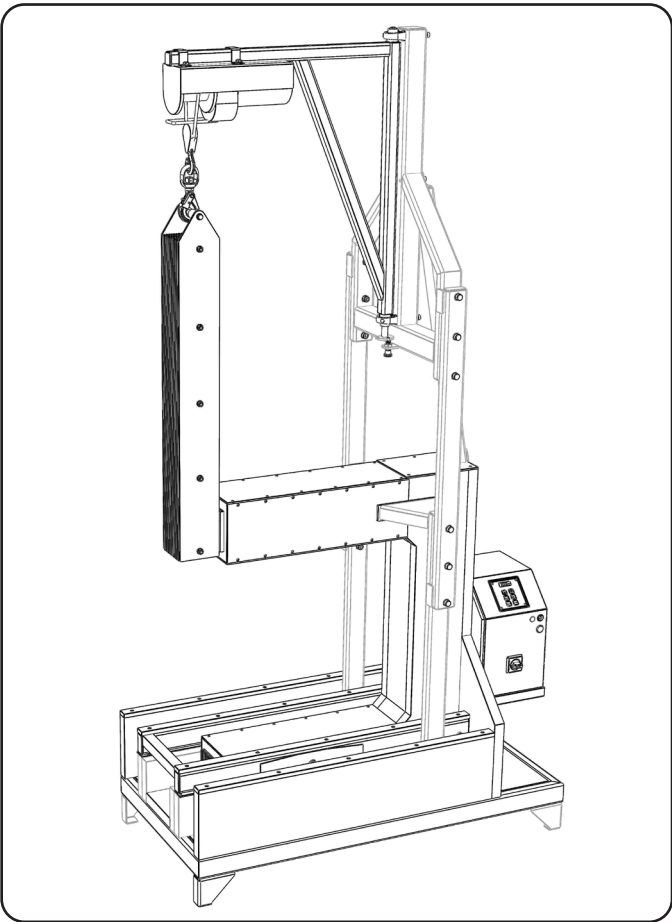
Needed parts:

- 10x Nut cap M8
- 24x Nut cap M10



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Plug in and the crane is ready for use.



WARNING:

- During heating, remove the hoisting hook and cable from the induction yoke to prevent them becoming hot.
- The crane is only suitable for lifting yokes. Not for workpieces!