

HOW TO MOUNT THE CRANE

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Included:

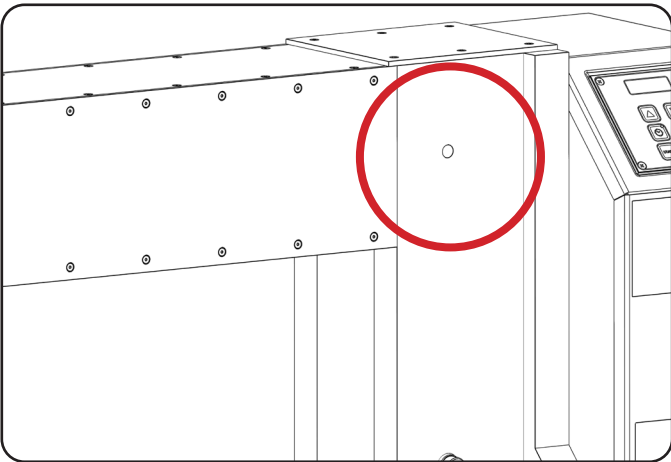
- 2x Base legs
- 1x Top frame
- 1x Swing frame incl. hoist
- 1x Box with mounting material:
 - 4x Square neck bolt M8x55
 - 4x Hex bolt M8x90
 - 4x Nut M8
 - 8x Plain washer M8
 - 4x Spring washer M8
 - 6x Hex bolt M10x100
 - 14x Washer M10
 - 8x Spring washer M10
 - 8x Nut M10
 - 1x Threaded rod M10x260
 - 2x Plastic Ring $\varnothing 11\text{-}\varnothing 30$ 10mm thick
 - 8x Nut cap M8
 - 12x Nut cap M10

Needed tools:

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

1

Remove the 2 upper plastic caps from the core. Remove the M10 threaded rod under these caps:

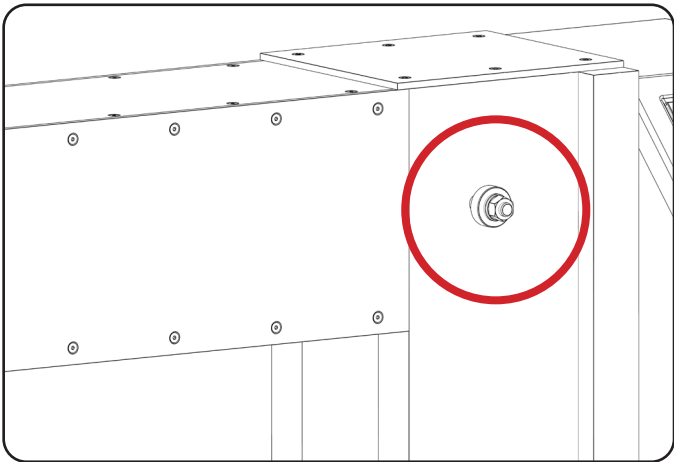


Needed tools:

- Spanner 17

2

Insert the threaded rod 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:

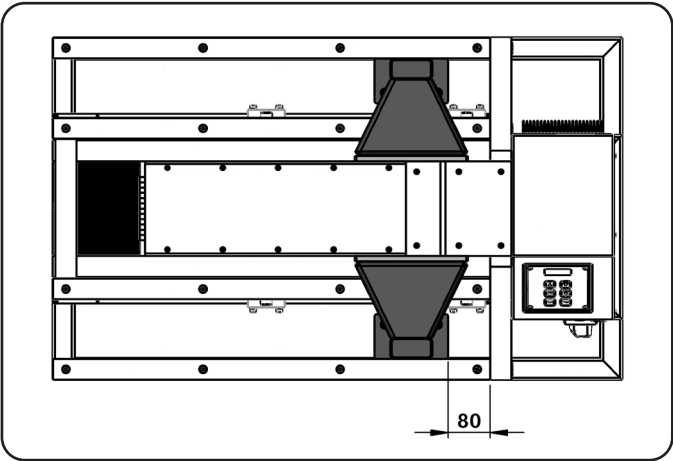
- Spanner 17

Needed parts:

- 2x Plastic Ring $\varnothing 11\text{-}\varnothing 30$ 10mm
- 2x Washer M10
- 2x Spring washer M10
- 2x Nut M10
- 1x Threaded rod M10x260

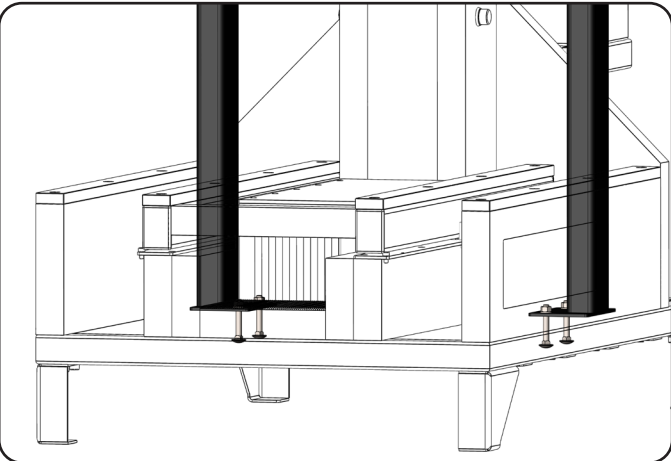
3

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 M10 threaded rods.



Needed tools:

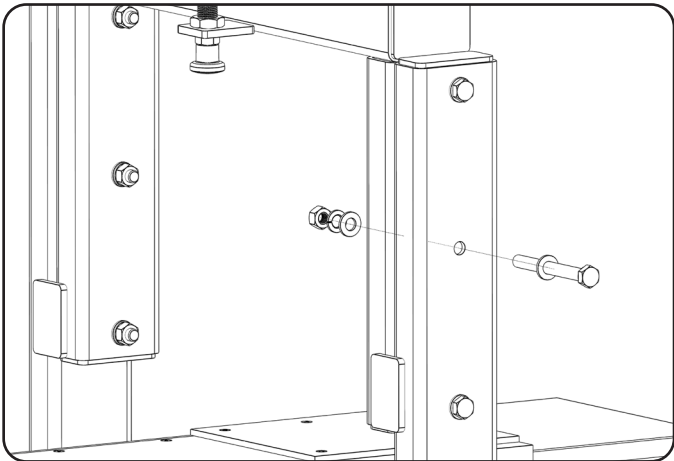
- Spanner 17
- Spanner or ratchet 13mm
- Power drill with drill bit $\varnothing 8\text{mm}$

Needed parts:

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

5

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



Needed tools:

- Spanner or ratchet 17mm

Needed parts:

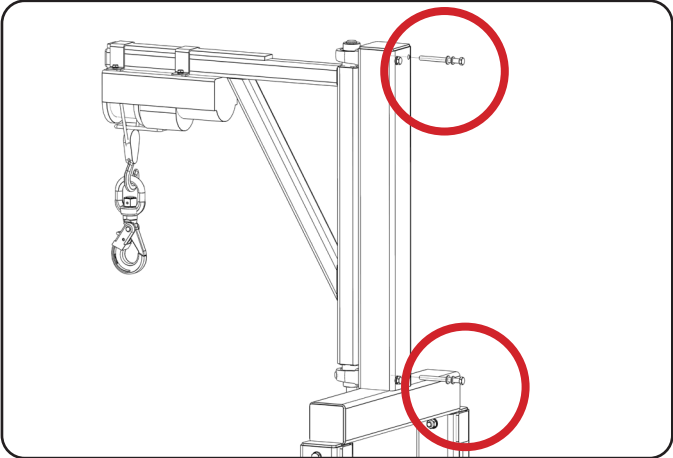
- 6x Hex bolt M10x100
- 12x Washer M10
- 6x Spring washer M10
- 6x Nut M10

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Now fit the swing frame to the top frame with 4 hex bolts M8x90, washer M8 and spring washer M8.



Needed tools:

- Spanner or ratchet 13mm

Needed parts:

- 4x Hex bolt M8x90
- 4x Washer M8
- 4x Spring washer M8

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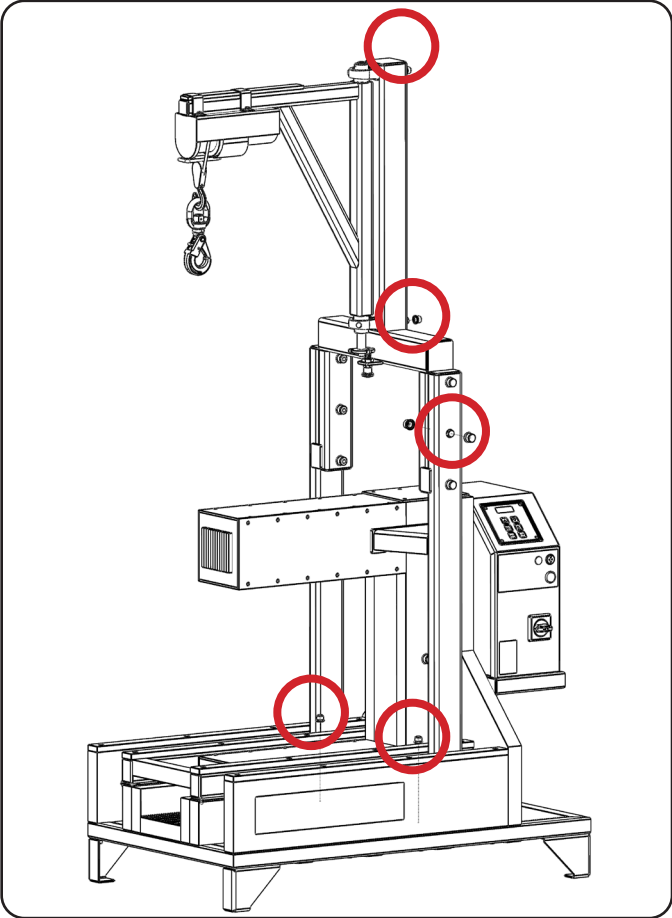
Check that the frame is positioned squarely on top of the machine. Adjust if necessary. When everything is in a straight position, tighten the 6 M10 bolts (44 Nm). Tighten the bearings (22 Nm). Fit nut caps to all bolt heads and nuts. These can be fitted with a plastic hammer:

Needed tools:

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

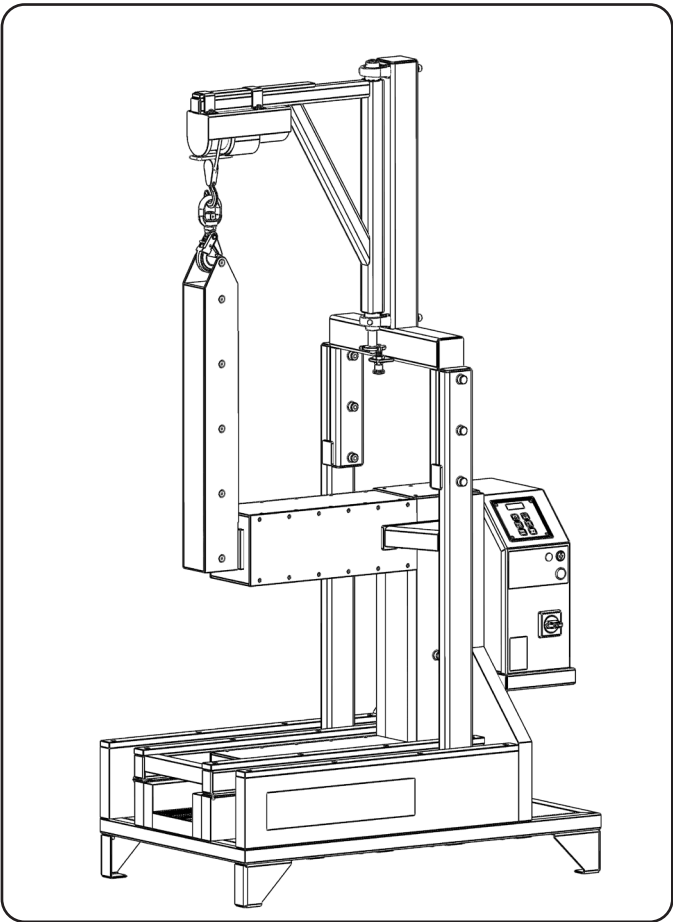
Needed parts:

- 8x Nut cap M8
- 12x Nut cap M10



8

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!