

3-4. Placing OPN3015 (1/6)

■ Procedure



[Placing OPN3015]

Install the machine in the specified position.



[Temporarily Placing Manual Pallet Slider or 2PC]

For easier machine leveling work, temporarily place it at a certain distance away from OPN3015.



[Uninstalling Shipping Jigs]



[Leveling the Main Body]

3-4. Placing OPN3015 (2/6)

■ Placing OPN3015

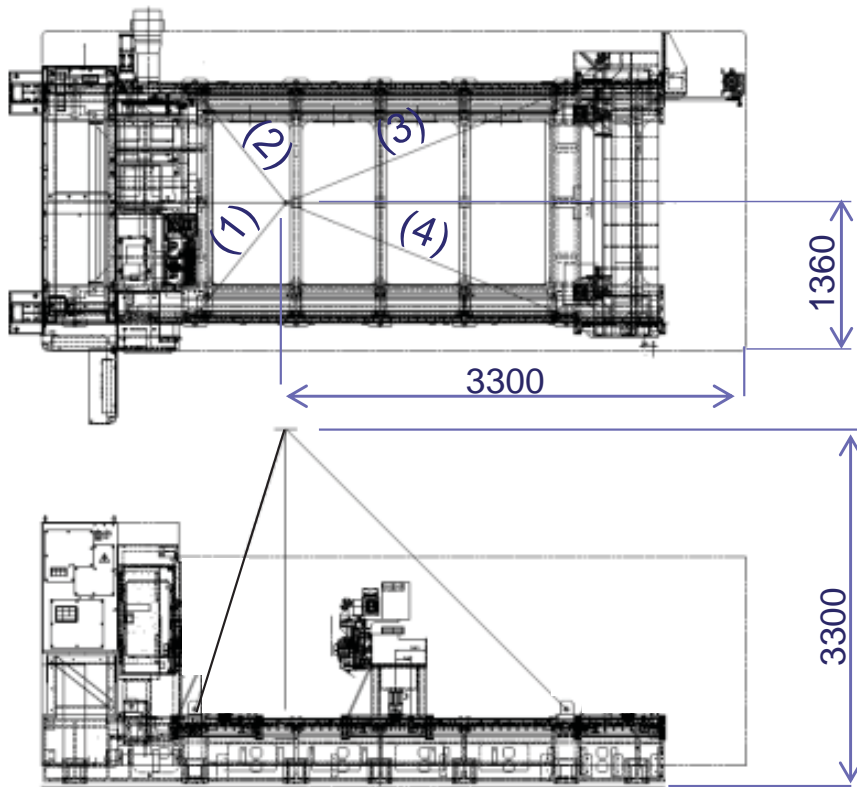
[Lifting Main Body]



Weight main 10,000 kg

[220,462.26 lb]

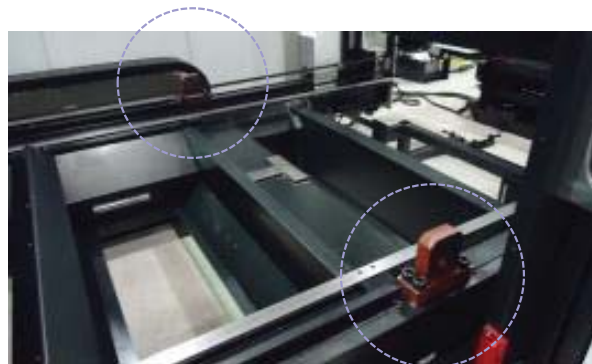
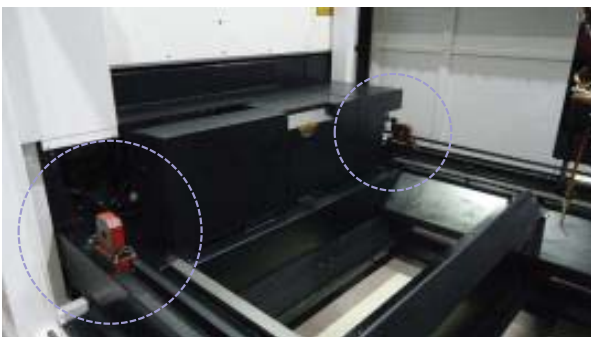
[Lifting point]



Wire Length (About)

	Length
Wire (1)	2.9 m [114.17"]
Wire (2)	2.9 m [114.17"]
Wire (3)	3.8 m [149.61"]
Wire (4)	3.8 m [149.61"]

[Hook it]

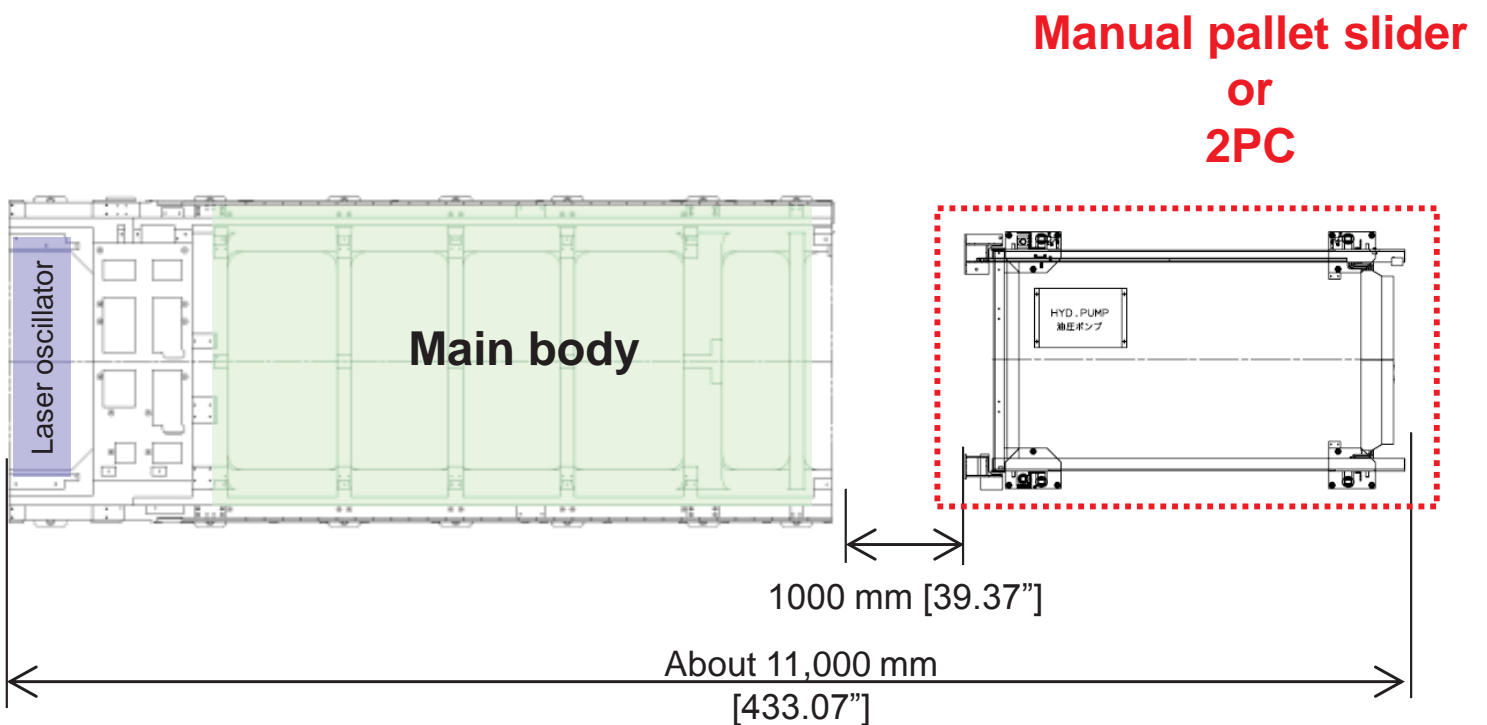


3-4. Placing OPN3015 (3/6)

■ Temporarily Placing Manual Pallet Slider or 2PC

Place the manual pallet slider or 2PC at least 1 m [39.37"] away from the main body of OPN3015, because it may interrupt installation operations.

[Temporary Setting]



3-4. Placing OPN3015 (4/6)

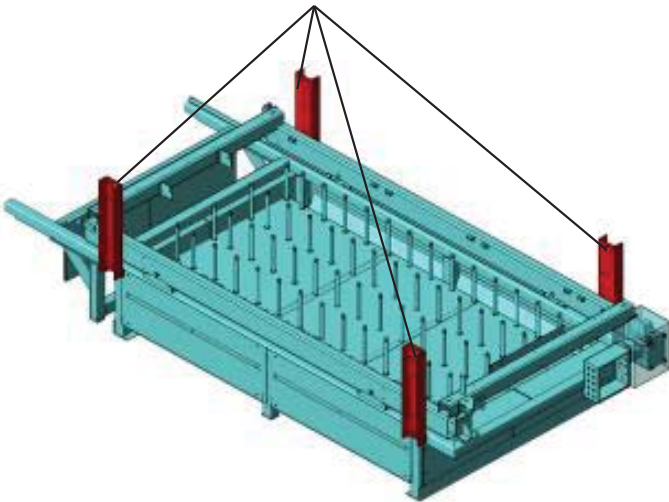
Temporary place each units by the crane.

[Lifting]

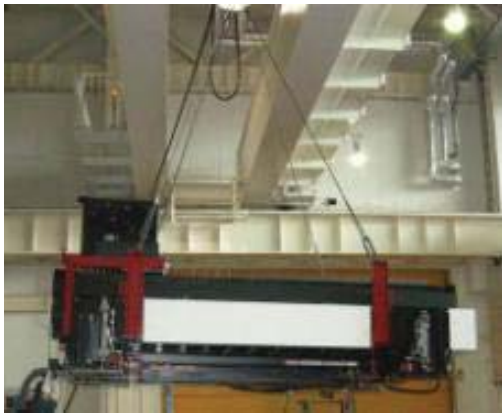
For manual pallet slider

MPS weight	800 kg [1763.70 lb]
(OP) Work lifter	+ 740 kg [1631.42 lb]

Hook the lifting tool by the hole on the shipping jig.



For 2PC (optional)



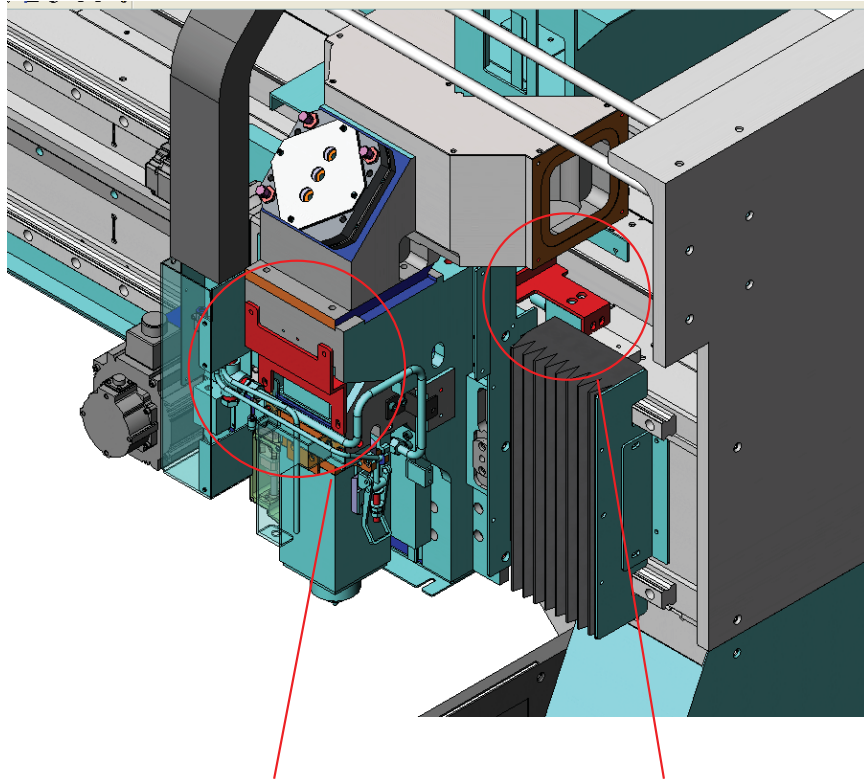
2PC weight	2,470 kg [1763.70 lb]
(OP) Work lifter	+ 740 kg [1631.42 lb]

Hook the lifting tool by the hole on the shipping jig.

3-4. Placing OPN3015 (5/6)

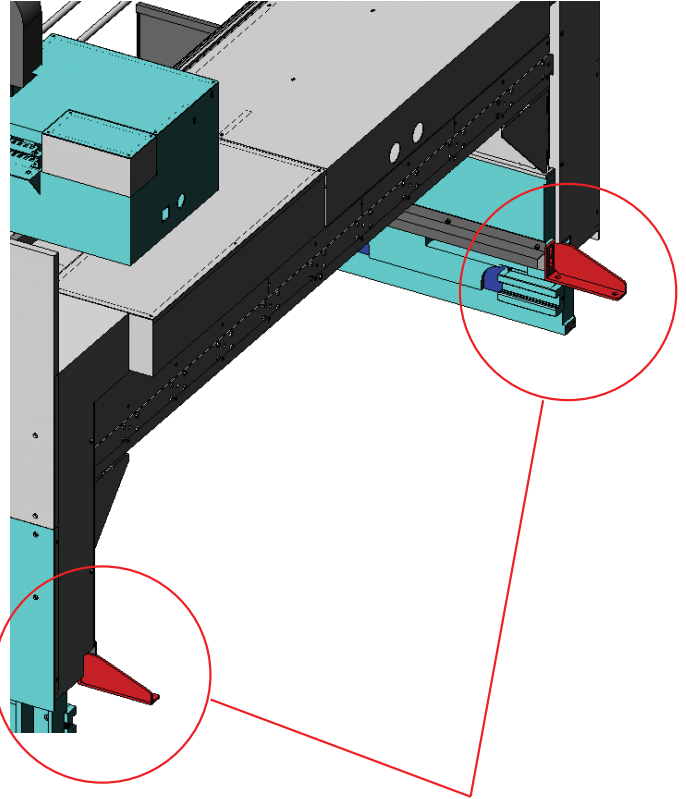
■ Uninstalling Shipping Jigs

● Each axis



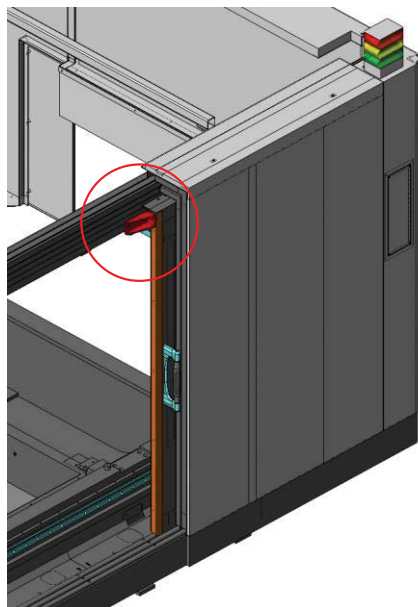
Shipping jig for Z-axis Shipping jig for Y-axis

Back side of column



Shipping jigs for X-axis

● Front door (3 points)



Back side of door



3-5. Leveling Main Body (1/4)

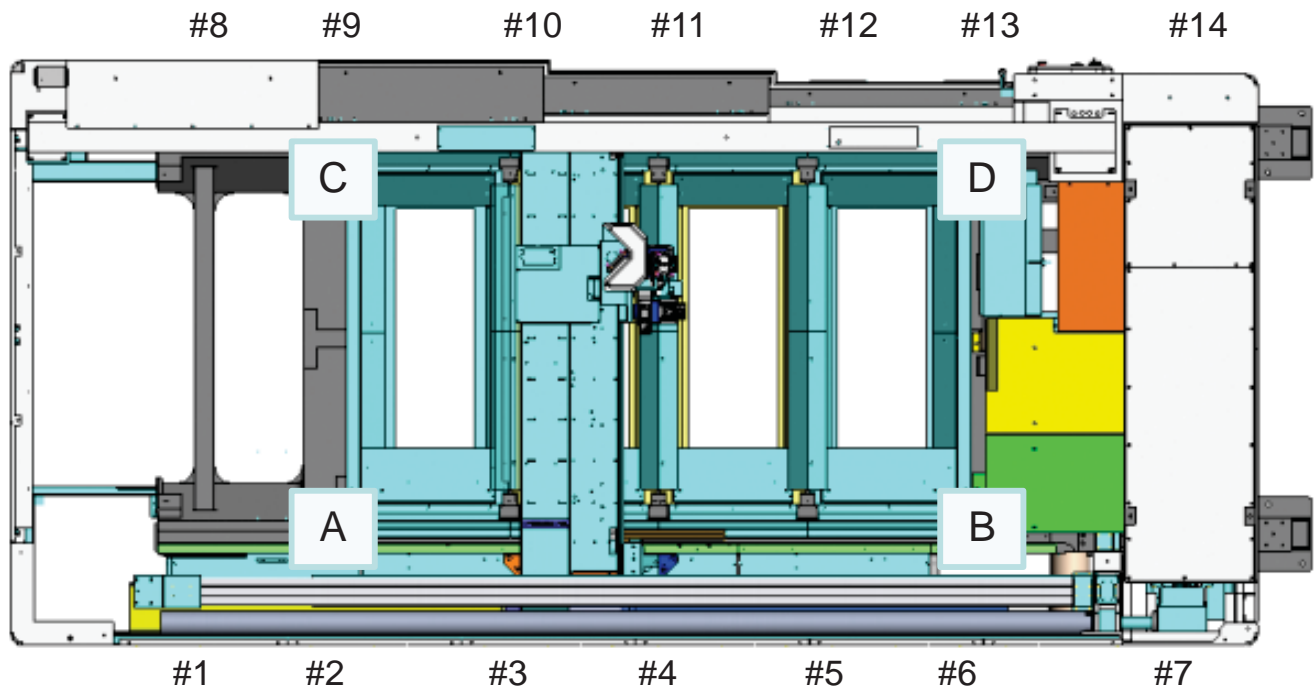
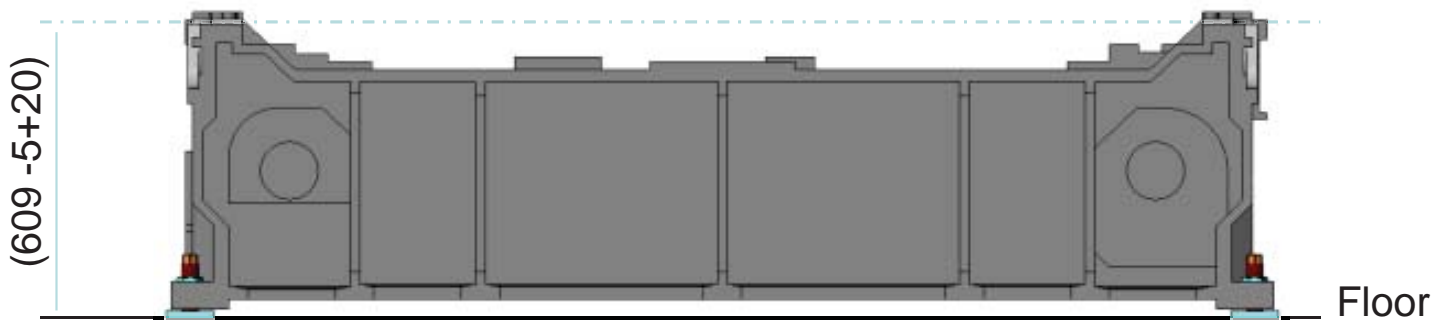
■ Temporary Leveling

01. Temporary leveling

1. Using the leveling jacks #1, #7 #8 and #14, temporarily level.
2. Make sure that the hoist block mounting surface is 609 - 5/+ 20 mm above the floor.
(At the points A, B, C and D)
3. No variance must exceed 1 mm (use of a laser level facilitate this work).

Note)

1. Make sure that the leveling jacks #2, #3, #4, #5, #6, #9, #10, #11, #12 and #13 are above the floor.
Within 1 mm



3-5. Leveling Main Body (2/4)

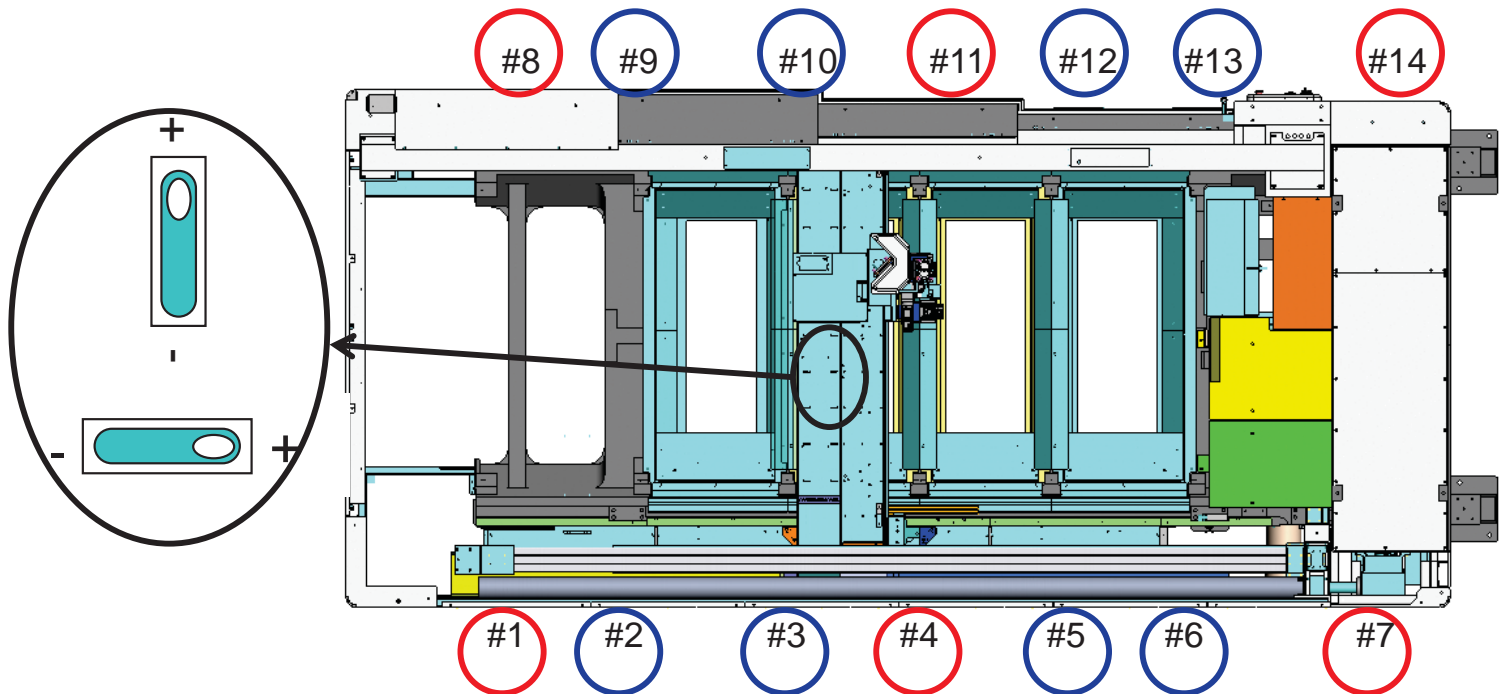
■ Final Leveling

02. Final leveling

1. Turn the power on.
2. Place a level on the column in the X and Y directions and use some clay or paper until the level reads 0 (relative level).
3. Using the jacks #1, #4, #7, #8, #11 and #14, adjust the levelness.
4. For fine adjustment use the jacks #2, #3, #5, #6, #9, #10, #12 and #13.

Note

1. Do not tighten the nuts yet.
2. Make sure that amperage is within +/- 1 A on the X stroke.
3. **Make sure that twisting does not exceed 20 um. Check as per EM697LF022M**.**
4. **Make sure that pitching does not exceed 40 um. Check as per EM697LF022M**.**



Fine tuning is O(blue)