



New schematic diagram:

(1) the JIB tip end should be locked to Building Top by our designed device to ensure its safety. The car can make horizontal movement by trolley mechanism, say 20-Passenger in the car, on rails from JIB tip End to Tower Crane Mast. The trolley mechanism should be redesign by our engineer to separately control the horizontal movement on the two jibs.

(2) then, Lock open, JIB takes needed rotation (say) 180 Degrees, then lock to other 'Building Top' on other side area, and then the car makes horizontal movement again from Tower Crane Mast to JIB Tip end and slides on rails to Building Top. And the passengers can get down the car.

(3) I need to point out if we don't modify the shape of tower crane jib, (the shape of usual crane shape is like \triangle), it's better that the tower crane is higher than the building, just like the above picture shows. We use the hook to connect the jib and the car.