



Step 1:

1. lift segments one by one and suspend them on the main girder
2. make an accurate positioning for all segments, then adjust them to the right place step by step

Step 2:

1. make coating one by one, accurate alignment, temporarily stretch-draw the segment
2. tension prestressed beam, and take stress change of suspender into consideration
3. remove suspenders, the complete machine will move longitudinally
4. drive trolley near to rear middle support leg, then lift pier block on ahead pier
5. remove longitudinal constraint of main girder
6. start cylinder to move longitudinally, thus push main girder to move longitudinally to cross piers

Step 3:

1. main girder moves forward longitudinally 13.9m;
2. support front leg on the pier ahead
3. install bracket near to piers with auxiliary gantry crane

Step 4:

1. front leg draws back, the launching girder moves forward longitudinally 0.77m
2. auxiliary rear leg supports on the precast girder, move rear leg forward laterally near to the rear part of front leg which will move forward to cross piers after anchoring rear leg

Step 5:

1. after front leg moves to the right position, draw back auxiliary front leg and auxiliary rear leg
2. the complete machine will cross piers

Step 6:

1. the launching girder moves 15.33m to reach proper place
2. prepare for installing the next span

							HZP450 Launching girder	ZZHZ
								Working steps for standard spans
								HZP450

Proportion
1:300