# CUBISCAN S9 SETUP

## QUICK REFERENCE GUIDE

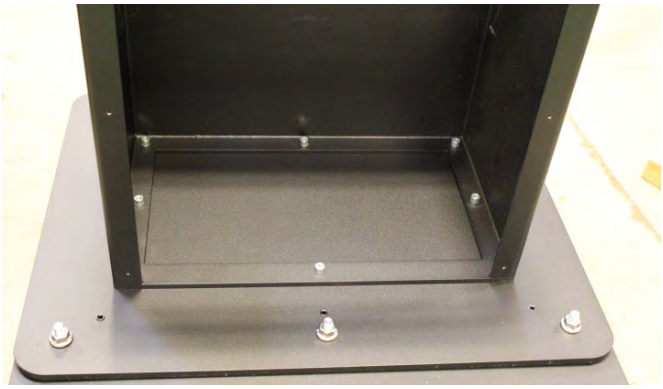
This quick reference guide provides instructions for assembling and setting up the Cubiscan S9 for dimensioning with a stretch wrap turn table. For more detailed instructions, see the *Cubiscan S9 Operations and Technical Manual.*

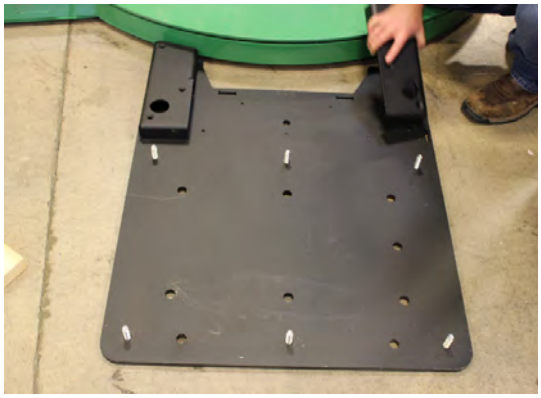
## ASSEMBLING TOWERS

1. Uncrate the Cubiscan S9. The Cubiscan comes with three towers that will stack on the base plate.

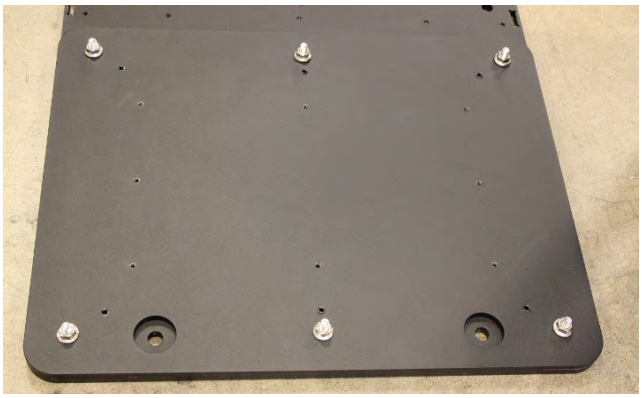
2. Place base plate on floor next to the stretch wrap turn table. For ease of use, ensure the CS S9 is on the same side as the stretch wrap machine controls.

4. Place the upper plate on the base plate, aligning the bolts with the machined holes in the plate. The upper plate should be positioned so the holes for bolting the S9 to the flower are facing the outside as shown in the figure.





3. Use the foot cover plates to help determine the distance between the S9 and the turn table. Do not attach the cover plates at this time. The S9 should be within a half inch of the turn table, but not touching.



5. Loosely secure the nuts to each of the 6 bolts. Do not tighten the bolts until the platform is properly leveled.

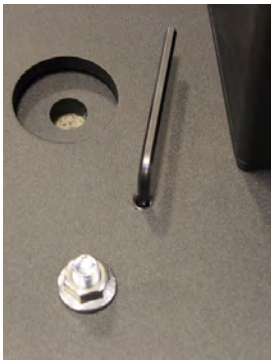
6. Place the bottom tower onto the base. Secure with the m8 hex screws.

# SETUP CONTINUED

7. After securing the lower tower, use a leveler to ensure the tower is level on all sides.

8. If needed, adjust the angle of the base by using an allen wrench to tighten or loosen the leveling screws found in the small holes adjacent to the six bolts in the base.

9. Once level, tighten all six bolts.



10. With the help of another, lift the middle tower housing the controller onto the lower tower. Ensure none of the cables from the controller are pinched between the two towers.

11. Once properly positioned, secure the middle and lower towers with the m8 hex screws.

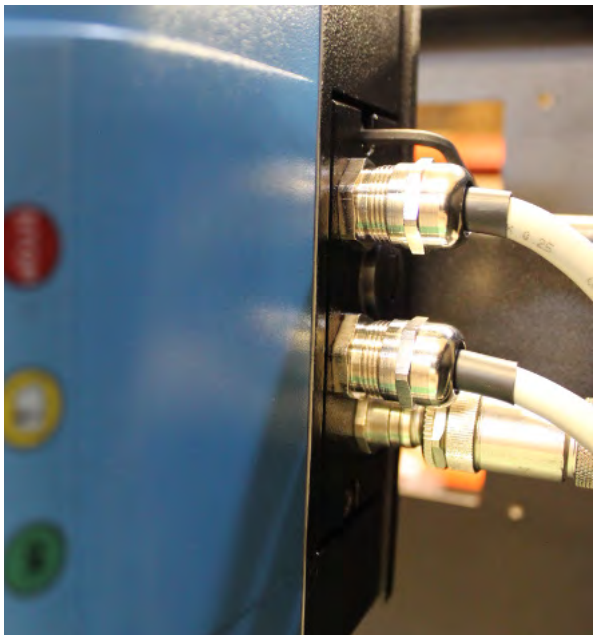
12. With the help of another, lift the upper tower onto the middle tower. It may be helpful to have a third person standing on a step ladder to help stabilize the upper tower as it is set in place.

13. Once positioned, tighten the m8 screws to secure it to the middle tower.

## CONNECTING THE SOCKET

1. Connect the network and control cables to the socket. Plug the socket into the side of the sensor.

2. Secure the socket by tightening the screws on either side with a 3mm allen wrench.





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# SETUP CONTINUED

## STACK LIGHTS

1. The stack lights may be mounted on the side of the S9 that is most convenient to you. The side plate with three pre-machined holes houses the stack lights. The side plate without holes will cover the side not housing the stack light.

2. Secure the side panels with the six screws using a Phillips screw-driver.

3. Remove the two wires at the back of each the stack light and position in the holes of the side bracket with the red stack light at the top, yellow in the middle, and green at the bottom.

4. Use the grey plastic fastener to secure the stack lights to the bracket.

5. Reattach the wires in the same order that they were removed.

6. Secure the solid plate on the other side of the S9.

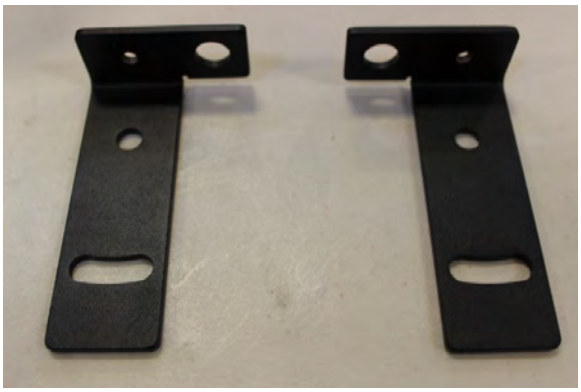
7. With the help of another, lift the front plate of the upper tower into place and secure it with screws. Be careful not to bend the metal sheet.

# SETUP CONTINUED

## PROXIMITY SENSORS

1. Two brackets are provided to secure the proximity sensor to the feet of the platform. Fasten the brackets to the base plate using a #6 allen wrench.

2. Adjust nuts on the sensor to fine tune the distance of the sensor from the turn table.



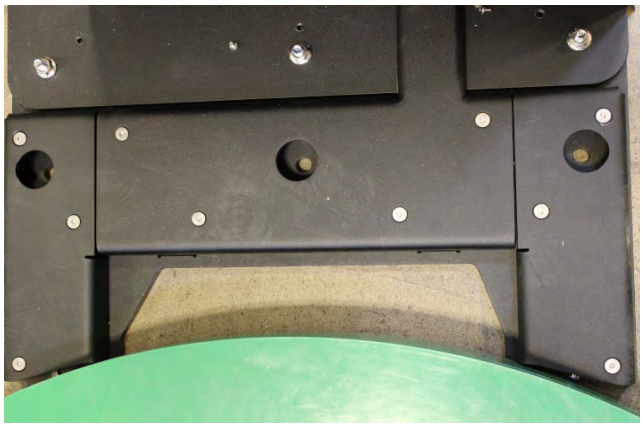
3. When the sensor is within the proper proximity to the turn table the light will activate. Make sure the sensor is not touching the turntable as this will interfere with operation of the turntable.

4. Repeat steps to install the proximity sensor on the other side of the bottom plate.

5. Place the base covers over the sensor and cables and secure with screws.

6. Set the bottom tower front cover and secure with screws. Ensure all cables are safely tucked inside and none are pinched or exposed.

7. Finally, check leveling and adjust as needed.



# SETUP CONTINUED

## BOLTING TO THE FLOOR

Once the S9 is properly positioned and leveled, the unit may be bolted into the floor through the machined holes provided in the base. This will prevent the S9 from shifting during use and provide greater accuracy and consistency of data.