

RBMPRO start-up checklist

To insure a powerful impact of a first demonstration, make sure to go through those steps, in this order:

1. Adjusting the drawbar at 16inch above the ground, when hooked to the tractor.
 - a. At the extremity of the drawbar, you will find a laser plate with several holes, which allow you to move up or down the height of the hitch that will be hook to the tractor. The distance between the center of that rectangular plate with holes, and the ground surface shall be 16 inch.
2. The ground clearance between the “outside” grabber arm and the ground shall be 10 inch \pm 1 in.
 - a. When you will engage the “automatic loading” mode, when the arm will be deploying itself to the ground in order to pick round bale seating on their flat end, we should normally have a ground clearance of 10inch between the “outside” grabber arm and the ground level. The “outside” grabber arm is 24 inch wide, which technically mean than when you will be picking 4ft (48in tall) round bale, the top flat face of the bale will be about 14inch above the top of the “outside” grabber arm (10in ground clearance+24 inch grabber width+14 inch above the grabber=48 in). By doing so, you will be hitting the bale at it’s center every time, and that will make it a lot easier for picking bale and keep you away from any risk of damaging the film. Not having the arm center vs the bale height, will create an unbalance weight in the grabber arm, and when the grabber will be releasing the bale above the table, if the bale is off center, it might lean toward the front pusher, and rubbed against it which could cause plastic rupture.



3. Before hooking hydraulic to the tractor, make sure the security valve is engaged in order to protect the main valve against any backpressure that could during the hook-up process.
4. Hook the hydraulic hoses to the tractor
5. Turn on the computer
6. Engage the hydraulic flow to the RBMPRO

7. Engage the “transport mode” in order to raise the loading arm and release the pressure on the safety pin... remove the safety pin that prevent the arm to move down.
8. **To check only once when machine delivered from factory:**
 - a. Stand-by pressure on the hydraulic gage shall be 500 PSI +- 25PSI
 - b. Proceed with the loading arm angling sensor calibration “Setting/lock setting/ password 12474, then click the bottom right corner black arrow up to page 4.
 - c. Validate the loading arm extension pulse sensor is able to read each nuts passing in from of it... otherwise if it miss any, you’re going to end-up with fault later on during the loading process
9. Before picking the first bale
 - a. Measure the bale diameter using a tape measurement
 - b. Adjust the conveyor distance from each other hydraulically
 - c. If you are picking bale that are just an inch bigger than 48inch (1.2m), open up the side rail and the conical roller near the loading arm, which help the bale to squeeze inside the rail.
 - d. Select the bale size on the computer that match with the bale you intend to pick
 - e. Adjust the hydraulic pressure on the screen setting, at a minimum of 2200PSI to start with. Adjust the pressure according to the reaction of the bale
10. Deploy the arm in automatic mode like for picking bale seating on their flat end and make sure the grabber is horizontal. If not adjust some sensor
11. Deploy the arm in automatic mode like for picking bale seating on their curved edge, and make sure the grabber is perfectly vertical when looking in front of it. If not adjust sensor.