F-525 Controls

1. **Screed Depth Screws**: The front of the screed is mounted on the Hopper back at two (2) pivot points (1 toward each side). The rear of the screed is connected to the Hopper through two (2) Depth Adjusting Screws. By turning these screws in a clockwise direction, you push down on the trailing edge of the screed. Due to the pivot mounting on the front, this will cause the leading edge to raise, allowing more material to flow under the screed, giving you a thicker mat. Turning depth adjusting screws in a counter-clockwise direction will raise the trailing edge, which will cause the leading edge to lower, letting less material flow under the screed, giving you a thinner mat. Attached to each depth adjusting screw is an indicator gauge (to be used as a reference point only), each line on this gauge is equal to approx. ¼ change in depth.

2. **Screed Crown & Invert**: The side plane of the screed can be adjusted to anywhere between a "crown" of approx. 3" and an "invert" of approx. 3". The "Crown Adjustment Assembly" is located under the step platform at the center of the screed. There are two (2) sprocket driven turnbuckles (1 at the leading edge and 1 at the trailing edge), connected by a roller chain. On the trailing edge sprocket is a reversible ratchet. By lifting up on the ratchet handle, the center of the screed bends up, creating a crown in the screed. Pushing down on the ratchet handle bends the center of the screed down, creating an invert. At the rear of the Crown Adjustment Assembly, on the right hand side, is a "Crown Indicator". This should be used as a reference only. For accuracy, the bottom of the screed should be checked with a straight edge or string line.

3. **Screed Extensions**: The paving width can be adjusted, anywhere form 8ft to 12ft by moving the 2ft. extensions (on each side of the paver) in or out as needed. This also allows you to maintain a straight edge, or match a joint, by compensating for any erratic side movement of the truck. The standard extensions are each controlled by a 4 spoked handle, rising up from the hopper back (1 for each side). Turn the left side handle counterclockwise to move it "in". The OPTIONAL hydraulic power extensions are each controlled by a single, manually operated valve, which is located on top of the hopper back (1 for each side). Move the valve handle toward the outside of the paver to move the extension "out". Move the valve handle toward the center of the paver, to the extension "in".