

# SERVICE CHECKLIST

This document is to be completed for all site and service visits to provide evidence of tasks completed, identified issues and recommendations to the customer. This document should be made available to the customer on completion with a summary of the recommendations.



## CAUTION

Full services of the machine may only be performed by a Vekta trained and approved technician.

\_\_\_\_\_  
Site

\_\_\_\_\_  
Service Technician

\_\_\_\_\_  
Date

## StakPro

- 1.1** Check state and alignment of the internal boom stages and wear of the internal nylon strips.
- 1.2** Check condition and tension of the upper and lower boom chains. Tension as required.
- 1.3** Check position, security and state of the limit switches and proximity sensors.
- 1.4** Confirm each limit switch is triggering at the correct point in motion along the side of the boom. Confirm the motor or hydraulics is not overrunning and the boom stages or rear carriage are not striking.
- 1.5** Confirm the upwards and lower limit switches are triggering correctly. Extend all booms and measure from the tip of each extended boom to the ground to make sure the distance is the same.

**1.6** Check security of the hydraulic solenoids. Unscrew and re-tighten.

**1.7** Confirm all individual movements controlled through the solenoids/relays.

**1.8** If pneumatic rollers are installed, check their mechanical alignment and that they are going up and down evenly. Adjust the flow valves and booms as necessary.

**1.9** Grease the roller bearings as required.

**1.10** Adjust the torque limiters on all booms to have consistent feel and minimal bounce, then confirm the hydraulic stroke is in time over all booms. Adjust the hydraulic flow as necessary.

**1.11** Check for hydraulic leaks and that the pump is secured in place.

**1.12** Check condition of the hydraulic piston, including clevises and fasteners.

**1.13** Check state of the rear carriage's mechanical stops. If tensioners are present, check they are tight and applying pressure evenly on the carriage bearings.

**1.14** At the highest point, check alignment of the rear carriage and the 4 bearings on it. Look for damage, wear and misalignment on the full range of motion.

**1.15** Check state of the free spinning and motor driven pulleys and their position.

**1.16** If present, check state of the front boom mechanical stop and chassis supports.

**1.17** Check operation of all the remotes in use and their connection to the remote receiver.

**1.18** Check operation of the remote E-stop and all movements' directions. Check operation of all emergency stop conditions.

## Notes and Recommendations

Customer Feedback

Wish List

List below the top three features or improvements you would like to see on your StakPro.

Glitch List

List below the top three issues you recently experienced with your StakPro (if any).

I

II

III