SCANWOOD SOLUTIONS (pty) Ltd

TIMBER PROCESSING • AGRICULTURE • BIO-ENERGY

Troubleshooting for TP150; TP200; TP250

Problem / Possible Cause	Solution
The chip quality is not satisfactory	
1. The blades are blunt 2. The anvil is worn 3. The blades have been blunted & sharpened too many times (less than 106mm) 4. Distance between blades & anvil too wide 5. Sliver breaker not mounted or worn	1. Sharpen blades 2. Rotate / replace anvil 3. Replace blades 4. Adjust distance between blades & anvil 5. Mount or replace sliver breakers
Poor ejection of chips from spout	
1. Too little drive 2. Wipers are worn 3. Ejector wings are worn 4. Facing plate in the top part blocking flow of chips 5. Insufficient rpm on the machine	1. Insufficient power on the PTO shaft or engine 2. Rotate / replace the wipers 3. Replace ejector wings 4. Remove facing plate in top part 5. Increase speed to maximum revs 1000rpm
Rollers are not spinning satisfactorily	
1. Insufficient hydraulic fluid in the system 2. Flow valve unscrewed too far 3. Rollers are blocked 4. Bypass valve is dirty 5. Revolution guard not allowing rollers to turn 6. Operation bow is in the 0 position	1. Refill with hydraulic fluid 2. Screw the flow valve in 3. Clean around the roller (under & behind) 4. Clean / replace the bypass valve 5. Increase rpm on motor 1000rpm 6. Put operation bow in A position
Rollers are not pulling satisfactorily	
1. Insufficient hydraulic fluid flow 2. V-belts too slack 3. Hydraulic fluid becomes too hot 4. Poor viscosity of hydraulic oil 5. Hydraulic fluid filter is clogged 6. Hydraulic fluid pump is worn or damaged 7. Hydraulic fluid pump defective 8. Pressure control valve in the control valve is dirty	1. Unscrew the flow valve further 2. Tighten the v-belts 3. Allow machine to cool down whilst inspecting it to determine the reason for it over-heating 4. Replace hydraulic fluid 5. Replace hydraulic filter element 6. Replace hydraulic fluid pump 7. Replace hydraulic fluid pump 8. Clean / replace the pressure control valve