



## Counterbalanced Beam Pre Use Inspection Check List



Customer		Date	
Location		Model (Delete as Required)	350/500/850
Serial No			

Name of operator carrying out check (Block Capitals)	
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Feature	Description	Date	OK or NA
1	6 monthly Report of Thorough Examination due		

### Pre-Start Checks

2	Check for any physical damage to vacuum lifter and overhang beam particularly in weld areas	
3	Check for physical damage to counterweight trolley, mechanism and worm screw	
4	Ensure trolleying mechanism functions correctly in forward and reverse and microswitches stop travel in either direction	
5	Check vacuum pads for rips, tears, quality and cleanliness	
6	Check vacuum pipes and connections are secure, ensure all individual pad shut-off valves are open	
7	Check electrical connections are secure and all switches and microswitches are undamaged	
8	Check batteries have sufficient charge and battery charger is functional	
9	Check test plate for safe working load (SWL) of lifter	
10	Is SWL of vacuum lifter suitable for load?	
11	Can neutral balance be achieved?	
12	Are rotational and (where applicable) tilting movements functional?	
13	Energise vacuum lifter on Perspex or glass before lifting commences	
14	Are lights or buzzer on during vacuum application?	
15	Does vacuum reach sufficient level before pump switches off?	
16	Does yellow Pump light stay on when vacuum pump turns off, if not change 10A fuse.	
17	Does vacuum drop 5% in ten minute period? – if so, do not use, investigate and rectify if possible	
18	Does remote pendant application and release function correctly?	

I confirm I have examined the Counterbalanced Beam before use in accordance with this checklist and consider it safe to operate	Signature of operator
I confirm I have examined the Counterbalanced Beam before use in accordance with this checklist and consider it unsafe to operate for the reasons shown opposite (or attached). These faults have been reported to my line management for further action	Signature of operator