

Balaman Inspection Items

User	
Machine	BMG

Serial No.: \_\_\_\_\_

Date of Inspection: \_\_\_\_\_ Date: \_\_\_\_\_

Location of installation: \_\_\_\_\_

Person inspecting: \_\_\_\_\_

No.	Check sheet	Method of inspection:	Date of inspection:	Condition	Description of work done:	Remarks:
Main body and mounting	1	Check air set drain level	Drain piping	A	Good · Not good	
	2	Clean air set element	Disassemble and clean	B	Good · Not good	
	3	Replace air set element	Disassemble and replace	C	Good · Not good	
	4	Check air piping hoses, joints, etc, for damage and leaks	Visually inspect and feel	A	Good · Not good	
	5	Check to make sure nuts and bolts are tight. Tighten if necessary. (1) Mounting (2) Main body, arm (3) End effector and end effector mounts (4) Other	Visually inspect and tighten		Good · Not good	
				B	Good · Not good	
				B	Good · Not good	
				A	Good · Not good	
	6	Check for abnormalities such as missing or damaged bearings, snap rings, split pins, etc.	Visually inspect	A	Good · Not good	
	7	Check for unusual noise and vibration during operation	Confirm operation	A	Good · Not good	
	8	Confirm switches, limit switches, etc. operate normally	Confirm operation	B	Good · Not good	
	9	Check for tightness of lock nut on support arm	Visually inspect and tighten	B	Good · Not good	
	10	Check and adjust brake on swivel fitting section	Operate and adjust	B	Good · Not good	
	11	Check for abnormal wear or damage on guide rail sections, etc.	Visually inspect	C	Good · Not good	
12	Check for abnormalities and cracks in welds, etc.	Visually inspect	C	Good · Not good		
13	Inspect or replace hooks on the chain and mounting bolts	Disassemble and visually inspect	C	Good · Not good		
15	Check the jump prevention unit (1) Check operation (confirm that the arm moves up and down, and the jump locks in place.) (2) Check oil leaks (3) Check for loose screws (4) Check for deformation and damage of the shaft	Confirm operation Visually inspect and tighten		Good · Not good		
			A	Good · Not good		
				Good · Not good		
			A	Good · Not good		
			A	Good · Not good		
End Effector	16	Check for wear and damage on vacuum pad (for vacuum type ATT)	Visually inspect, feel and replace	B	Good · Not good	
	17	Check for wear and damage on claws, etc. (for ATT/fork ATT clamps)	Visually inspect	B	Good · Not good	
	18	Check air cylinder for air leaks and proper operation	Confirm operation	C	Good · Not good	
	19	Other		C	Good · Not good	

Inspection interval...A: Daily; B: One-month (all items including daily inspection); C: Six-month (all items including daily and one-month inspections)

Action [V: Inspect; C: Clean; OV: Disassemble; Δ: Repair; ▲: Replace; A: Adjust; O: Tighten; □: Lubricate]