

The premium industrial quality, aluminium modular access tower system

BoSS Inspection Guidance

Please ensure that you follow this inspection guidance carefully when using the BoSS Aluminium Modular Access Tower System.*

PLATFORMS

		<p>Plywood</p> <ul style="list-style-type: none"> • In place • Secure • No cracks, cuts or holes • Laminations intact • Non-slip coating facing upwards, undamaged and no excessive paint, plaster, oils and other contaminants
		<p>Platform Rivets</p> <ul style="list-style-type: none"> • Rivet heads in place • Secure • Undamaged
		<p>Trapdoor Hinges, Stay Arm and Catch</p> <ul style="list-style-type: none"> • In place • Secure • No excessive wear or corrosion • Hinges and stay arm free to move • Open trapdoor fully and release - it must close completely and latch
		<p>Platform Framework</p> <ul style="list-style-type: none"> • No damage, cracks, holes or excessive corrosion, especially around the welds and hooks • No more than one dent in a 300mm length • Check all rivets and fixings are secure • Diagonal dimensions are equal within 5mm • Check platform is flat within 15mm • Wind locks operate correctly and easily • Label showing maximum permissible platform load is in place, secure and legible
		<p>Please note: The hinges and stay arm joints of trapdoors will benefit from the application of a penetrating lubricant</p>

FRAMES

		<p>Tubes and Corner Gussets</p> <ul style="list-style-type: none"> • Maximum deflection 5mm in 1000mm length • No excessive denting or creasing • No more than one dent in a 300mm length • No cracks, cuts, holes or excessive corrosion • Tubes sufficiently clean and free from paint, plaster and other contaminants, that would prevent safe handling or assembly
		<p>Joints</p> <ul style="list-style-type: none"> • No cracks or excessive corrosion in welds or surrounding metal • No cracks or excessive corrosion in castings • Joints at right-angle
		<p>Spigots</p> <ul style="list-style-type: none"> • In place and straight • No cuts, dents or excessive corrosion • Securely retained but floating on pin • No damage or excessive wear to 12mm location hole • Plastic end cap in place
		<p>Built-in Ladders</p> <ul style="list-style-type: none"> • Sides and rungs straight with no cracks, cuts or excessive corrosion • No cracks or excessive corrosion in welds or surrounding metal • Rungs in place and secure • No excessive paint, plaster, oils and other contaminants
		<p>Spring Interlock Clip</p> <ul style="list-style-type: none"> • Clips in place and operate correctly • No distortion or excessive corrosion • Pin secure and not worn
		<p>Folding Base Frames</p> <ul style="list-style-type: none"> • Frames open and close • Retaining pin in place, undamaged and engages correctly • All fixings secure
		<p>Labels</p> <ul style="list-style-type: none"> • Labels securely attached and legible

BRACES

		<p>Tubes</p> <ul style="list-style-type: none"> • Maximum deflection 5mm in 1000mm length • No excessive denting or creasing • No more than one dent in a 300mm length • No cracks, cuts, holes or excessive corrosion • Tubes sufficiently clean and free from paint, plaster and other contaminants, that would prevent safe handling or assembly
		<p>Hooks</p> <ul style="list-style-type: none"> • No damage, excessive corrosion or deformation, and hook works correctly • Prime hook and latch onto a piece of frame tube. Using a moderate to heavy force, ensure hook cannot become detached <p>Please note: The locking mechanism of brace hooks will benefit from the application of a penetrating lubricant</p>

STABILISERS

		<p>Tubes:</p> <ul style="list-style-type: none"> • Maximum deflection 5mm in 1000mm length • No excessive denting or creasing • No more than one dent in a 300mm length • No cracks, cuts, holes or excessive corrosion, or excessive paint, plaster etc. • Telescopic tubes move freely • Retaining clip in place, undamaged and operates
		<p>Clamps:</p> <ul style="list-style-type: none"> • Clamps, bolt and handle in place and undamaged • No cracks in clamp casting • No excessive wear in bolt and handle threads • Pivots rotate freely • Clamp tightens securely on frame tube
		<p>Foot:</p> <ul style="list-style-type: none"> • Pivoting versions rotate freely • No cracks, excessive wear or other damage • Check security of the rivets fixing the plastic pad/foot <p>Please note: The threads of the bolt and handles of the locking clamp assemblies and the pivot pins in the pivot castings will benefit from the application of a penetrating lubricant.</p>

ADJUSTABLE LEG

		<p>All parts:</p> <ul style="list-style-type: none"> • Operates correctly and stem is straight, free from dents with a maximum deflection of 5mm over the entire length • No cracks, cuts or holes or excessive corrosion • Check retaining spring in place • Leg fits into frame tube and is retained by the spring • Castor fits into adjustable leg <p>Please note: The thread of the adjustable leg and nut will benefit from the application of a penetrating lubricant</p>
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CASTORS

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		<p>Base plates:</p> <ul style="list-style-type: none"> • No excessive buckling or corrosion • Plate secure on stem • Fit base plate into adjustable leg and check it is retained in position <p>Please note: The thread of the adjustable leg and nut will benefit from the application of a penetrating lubricant</p>

TOE BOARDS & TOE BOARD CLIPS

		<p>Boards:</p> <ul style="list-style-type: none"> • No splits or cracks • No excessive warping <p>Clips:</p> <ul style="list-style-type: none"> • Fit clip to tower tube to check operates correctly
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THE KNOWLEDGE The Knowledge is a training programme developed by the HSE, Safety and Access Ltd and Youngman specifically for the access equipment stockist and end user. Visit: youngmangroup.com for more information.
* All work equipment inspections should be documented and carried out by a competent person