

# Socket Mounted Swing Jib Cranes

SMJ-1203-500 & SMJ-1203-1000

SMJ-1203-500 Max Capacity	508 Kg POS 1
	381 Kg POS 2
	254 Kg POS 3

SMJ-1203-1000 Max Capacity	1000 Kg POS 1
	750 Kg POS 2
	508 Kg POS 3

Socket Mounted Crane is designed for Difficult access or where space is at a Premium, with full 360°Rotation.

Ideal unit for work loading in Machine shops, extra sockets can be fitted, this allows one Swing Jib Crane to be used on several machines.

## ADDITIONAL SOCKETS AVAILABLE AS OPTIONAL EXTRAS

Crane socket is fitted with heavy duty TIMKEN BEARINGS TOP AND BOTTOM FOR SMOOTH ROTATION.

All Cranes are Tested to 25% Overload and are fitted with overload Protection Valve.

The Swivel Hook is fitted with Safety Latch as Standard.

The Socket must be fitted to sound firm Concrete with a minimum depth of 9".

The Socket is fitted to the concrete base with Four Heavy Duty Rawl Bolts or similar with a minimum Bolt Diameter of 20 mm.

The Bolt Manufacturers Torque Settings must be Used when fixing the Socket to the Floor and should be Re-Checked after the Crane has been put into service.

A Test certificate is issued with each crane.

Rawl Bolts are Not Supplied.



**British Made**



## SPECIFICATION SOCKET MOUNTED SWING JIB CRANE

The Crane has a Three Position Jib. The Ram has a Two Position Locating Pin this allows for extra Low Pick Up to Medium Height Lift and Medium Pick Up to Maximum Height Lift.

### SPECIFICATION

Model No.	SMJ-1203-500	SMJ-1203-1000
Capacity Pos 1	508kg	1000kg
Capacity Pos 2	381kg	750kg
Capacity Pos 3	254kg	500kg

### HIGHER RAM LOCATION MAXIMUM HOOK HEIGHT

Pos 1	Pos 2	Pos 3
2285	2410	2540

### MINIMUM HOOK HEIGHT

Pos 1	Pos 2	Pos 3
1000	900	850

### COLUMN HEIGHT FROM FLOOR 1690

WEIGHT APPROX. 150kg

### LOWER RAM LOCATION MAXIMUM HOOK HEIGHT

Pos 1	Pos 2	Pos 3
1930	2060	2210

### MINIMUM HOOK HEIGHT

Pos 1	Pos 2	Pos 3
620	430	340

### CLEARLIFT FROM RAM JIB HORIZONTAL OVERHANG FIXED HOOK

Pos 1	Pos 2	Pos 3
700	915	1090

### CLEARLIFT FROM RAM JIB HORIZONTAL OVERHANG SWIVEL HOOK

Pos 1	Pos 2	Pos 3
660	865	1040

### RAWLBOLT — LOOSE BOLT TYPE

Ref.	Bolt size	Shield length 'A' mm	Fixing thickness mm 'B'		Hole dia. mm	Min. hole depth mm	Application torque for concrete Nm	Box qty.	Cat. No.
			Max.	Min.					
M20 60L	M20	130	60	25	32	140	230	10	44-255
M20 100L			100	60					44-260

### METHOD OF USE

*Use eye protection when drilling.*

1. Drill hole of recommended diameter and depth, and remove spoil.
2. Insert the shield. Position the fixture over the shield.
3. Pass the bolt through the fixture into the shield and tighten to the recommended torque.