



**samoco**

**SCJ-50**



## DISCOVER OUR SCJ-50

50 metric ton, self-locking  
cube jack

Easy-to-use, compact and portable jacking system that utilizes base lifting frames and self-aligning, lightweight steel cribbing blocks.

Due to its small footprint, it is useable in confined spaces, providing heavy lift contractors with a stable lift up to 2 meters. This results in a safer, more efficient alternative to the jack and-pack method with wooden cribbing.

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## WORKING PRINCIPLE

The SCJ-50 includes a Cube Jack Basic Unit, an End Block with Swivel Saddle, 11 Cribbing Blocks, and a Transportation Frame.

System is automatically mechanically locked after the lifting or lowering stroke.

Self-aligning steel cribbing blocks save time, improve side load, and eliminate the need for wooden cribbing materials.

Jobs are completed more efficiently due to simplified operation sequence with 50% less cycles than climbing jacks.

End block with adjustable swivel saddle allows fine adjustment during set-up: 50 mm screw extension.

Low starting height of 494 mm; max jacking height up to 2067mm.

Lloyds witness tested to 125% of maximum working load.



## SPECIFICATIONS

Maximum Side load (m) 1,5% @ 2m

Lifting Capacity per Base Unit (kN) 500

Lifting Capacity per Base Unit (metric ton) 50

Lifting Stroke (mm) 156

Adjustable Stroke Swivel Saddle (mm) 50

Maximum Allowed Oil Flow (l/min) 0,90

Minimum Pump Useable Oil Capacity (l) 10

Oil Capacity per Base Unit, Advance (cm<sup>3</sup>) 1225

Oil Capacity per Base Unit, Retract (cm<sup>3</sup>) 624

Base Unit Weight (kg) 360

End Block Weight (kg) 40

Cribbing Block Weight (kg) 16

**Solve it with skill.**  
**Tackle it with passion.**

