



MODULAR JACK-UP SYSTEM

**THE WORLD... OUR PASSION
SINCE 1955**

TECHNICAL BROCHURE

OVERVIEW



JS 500 INCREMENTAL LIFTING SYSTEM – SYNCHRONOUSLY LIFT AND MECHANICALLY HOLD

500 ton capacity
(for each unit)

Set up of 2,000 ton extendable to 4,000 ton

Lifting Height up to 15 m

Fagioli Jack-Up System is a custom developed multi-point lifting system. A typical system setup includes four jack-up units positioned under each corner of a load. The lifting frame of a jack-up unit contains four hydraulic lifting cylinders, one in each corner, which lift the load using the stacked steel boxes. A load is lifted in increments as boxes are slid into the system, lifted, and stacked; forming "lifting towers". A Jack-Up System is operated and controlled by a computer control unit. Each unit's lifting and lowering operations occur simultaneously; the computer control unit's synchronous technology maintains the balance of the load. Self-contained hydraulics in each jack-up unit for uncluttered work area. Synchronously lift loads with multiple jack-up units. The most common system set-up includes four jack-up units but can be expanded to include more. Lifting barrels are stacked together to mechanically hold the load up to 5% side load capacity depending on capacity and lift height. Computer controls for operating the Jack-Up System with automatic and manual lifting settings.



COMPUTER CONTROLS

Fagioli Jack-Up Systems provide precision control suitable for many demanding lifting and lowering applications

The comprehensive self-contained design feature simple to use software

Computer control for operating the Jack-Up system with automatic and manual lifting settings

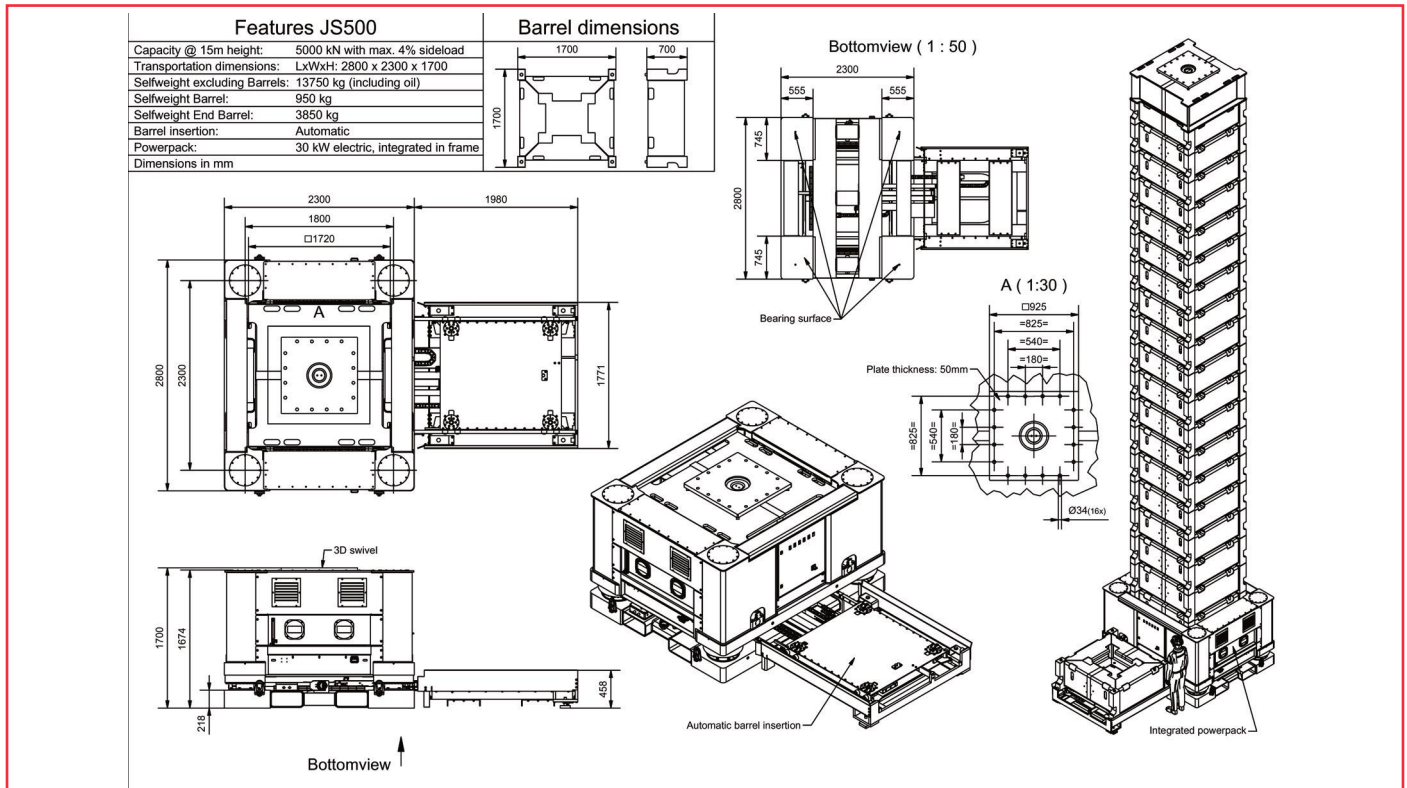
Automatic synchronization of multiple networked lift points

Center of Gravity calculation

Overload and stroke alarms

Emergency stop switch at Jack-up units and controls

SUMMARY



Capacity per Tower	Max. Sideload	Weight per Unit	Base Frame Dimensions (mm)				Barrel Dimensions (mm)		
			A	B	C	B+E	Length	Width	Height
500	3% at 6m	13	2800	2300	1700	4500	1700	1700	700

