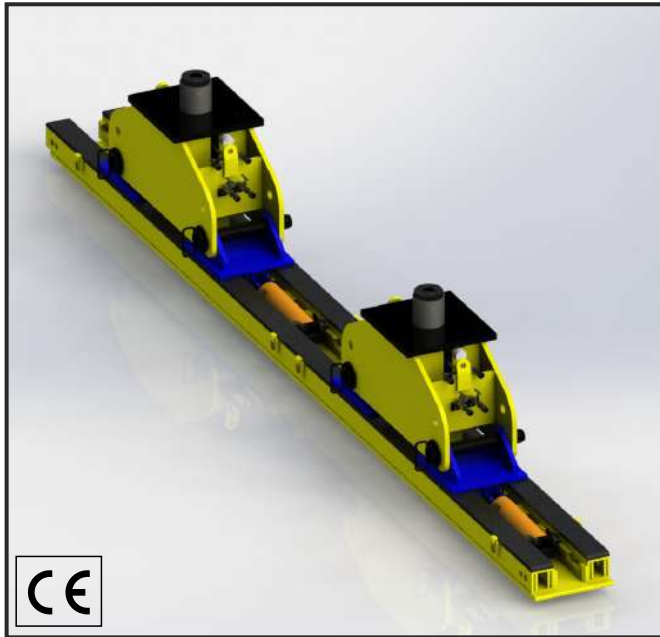


# JLS250

## JACKING LOAD SHOES



Our JLS250 jacking load shoes are load-compensating skid shoes designed to work with both our HT300 & HT500 skidding systems.

- Each shoe includes a 250-ton (227-tonne) double-acting lift cylinder
- Two pressure and two return ports allow parallel connection
- Universal shoe is compatible with both HT300 and HT500 systems
- Can be configured in 3- or 4-point suspension groupings for stability and load distribution



*JLS250 shoes can be hydraulically connected with any number of other shoes to increase the total system capacity while maintaining equal load support and weight distribution.*

# JLS250

## JACKING LOAD SHOES



### JLS250 Specifications

Base Skidding System	HT300	HT500
System Capacity (4 Shoes)	<b>600 ton</b> 544 tonne	<b>1000 ton</b> 907 tonne
System Capacity (6 Shoes)	<b>900 ton</b> 816 tonne	<b>1500 ton</b> 1361 tonne
System Capacity (8 Shoes)	<b>1200 ton</b> 1089 tonne	<b>2000 ton</b> 1814 tonne
System Height (Retracted)	<b>31.75"</b> 805 mm	<b>32.5"</b> 825 mm
Lift Cylinder Capacity	<b>250 ton</b> 227 tonne	<b>250 ton</b> 227 tonne
Lift Cylinder Stroke	<b>10"</b> 255 mm	<b>10"</b> 255 mm
Tilting Load Cap	<b>+/- 5%</b>	<b>+/- 5%</b>
Push Cylinder Capacity	<b>30 ton</b> 27 tonne	<b>55 ton</b> 50 tonne
Push Cylinder Stroke	<b>14.25"</b> 362 mm	<b>13"</b> 330 mm
Skidding Speed*	<b>90 ft/hr</b> 27 m/hr	<b>55 ft/hr</b> 17 m/hr
System Coefficient of Friction	<b>15-20%</b>	
Slide Surface Material	Graphite	
Maximum Slope	<b>+/- 2%</b>	
Track Alignment Tolerance	<b>+/- 0.25"</b> +/- 6 mm	
Maximum Operating Pressure	<b>10,000 psi</b> 700 bar	
Hydraulic Groupings	3-Point or 4-Point	

\*Speed determined using Hydra-Pac SPU-4D

### Did you know?



When multiple hydraulic cylinders are used to support a load, it may be advantageous to connect the cylinders into 3 separate hydraulic groups, referred to as a *3-point suspension*.

The cylinders within each group are connected in parallel, but each of the 3 groups is independent from each other.

To understand the concept, consider that a 3-legged stool will not wobble; each leg remains in contact with the floor. The legs form a *stability triangle*.

### JLS250 Dimensions

Weight (per shoe)	<b>2100 lbs</b> 953 kg
Length	<b>58"</b> 1470 mm
Width	<b>24"</b> 610 mm
Height - Fully Retracted (HT300)	<b>31.75"</b> 805 mm
Height - Fully Extended (HT300)	<b>41.75"</b> 1060 mm
Height - Fully Retracted (HT500)	<b>32.5"</b> 825 mm
Height - Fully Extended (HT500)	<b>42.5"</b> 1080 mm