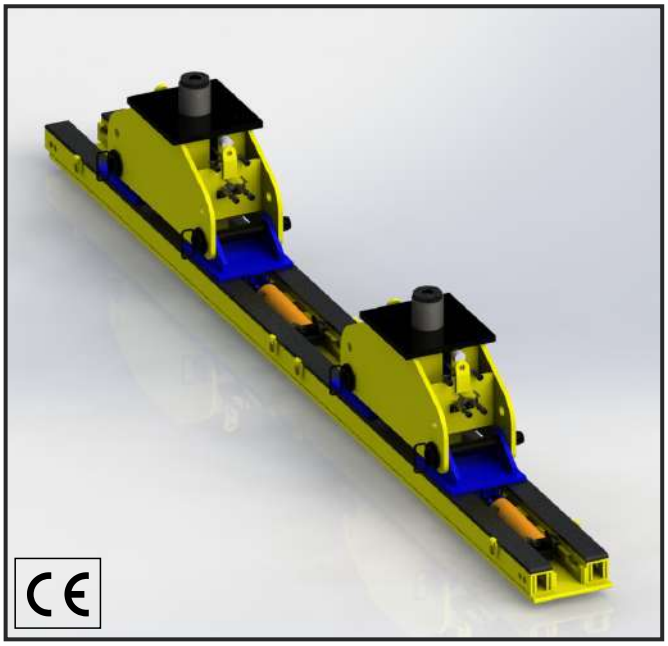
JLS250
JACKING LOAD SHOES

HYDRA-SLIDE



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.

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JLS250 Specifications		
Base Skidding System	**HT300**	**HT500**
System Capacity (4 Shoes)	**600 ton** *544 tonne*	**1000 ton** *907 tonne*
System Capacity (6 Shoes)	**900 ton** *816 tonne*	**1500 ton** *1361 tonne*
System Capacity (8 Shoes)	**1200 ton** *1089 tonne*	**2000 ton** *1814 tonne*
System Height (Retracted)	**31.75"** *805 mm*	**32.5"** *825 mm*
Lift Cylinder Capacity	**250 ton** *227 tonne*	**250 ton** *227 tonne*
Lift Cylinder Stroke	**10"** *255 mm*	**10"** *255 mm*
Tilting Load Cap	**+/- 5%**	**+/- 5%**
Push Cylinder Capacity	**30 ton** *27 tonne*	**55 ton** *50 tonne*
Push Cylinder Stroke	**14.25"** *362 mm*	**13"** *330 mm*
Skidding Speed*	**90 ft/hr** *27 m/hr*	**55 ft/hr** *17 m/hr*
System Coefficient of Friction	**15-20%**	
Slide Surface Material	Graphite	
Maximum Slope	**+/- 2%**	
Track Alignment Tolerance	**+/- 0.25"** *+/- 6 mm*	
Maximum Operating Pressure	**10,000 psi** *700 bar*	
Hydraulic Groupings	3-Point or 4-Point	

*Speed determined using Hydra-Pac 20-2-4D HPU

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)	**2100 lbs** *953 kg*
Length	**58"** *1470 mm*
Width	**24"** *610 mm*
Height - Fully Retracted (HT300)	**31.75"** *805 mm*
Height - Fully Extended (HT300)	**41.75"** *1060 mm*
Height - Fully Retracted (HT500)	**32.5"** *825 mm*
Height - Fully Extended (HT500)	**42.5"** *1080 mm*