

27ton Mono Strand Jack With Manual Pump



Description

1. 27ton mono strand jack with a manual pump.
2. Mono strand jack has an internal re-usable anchor that can automatically clamp and loosen the wedge.
3. Mono jack are mainly used for LYM15 and Lym13-type various single tensioning with bonded and unbonded prestressed cable.

Application

27ton mono strand jack with manual pump is matched with prestressed anchorage widely used in the construction of bridge and buildings, railway and subway, water conservancy and hydropower engineering Installation and removal.

1. Single prestressed tensioning, including compression anchoring or retraction self-anchoring
2. Group anchors tensioning one by one
3. Anchor needs to be unloaded during tensioning
4. Tensioning of finished rolled rebar

Features

1. Mono strand jack using the new seals, to synchronous strengthen the seal-ability under great pressure.
2. Mono strand jack use for 12.7mm pc strand using special alloy steel with the heat treatment process, reducing the cylinder's expansion ratio in the tensioning process So the life of seals and sealing performance can be improved about 20%.
3. In the tensioning and operating process mono strand jacks are easily damaged under overpressure because of the jack-based pullback cylinder, so we added the overpressure valve on the mono strand jacks to pressure production. Meanwhile, we improved the original of



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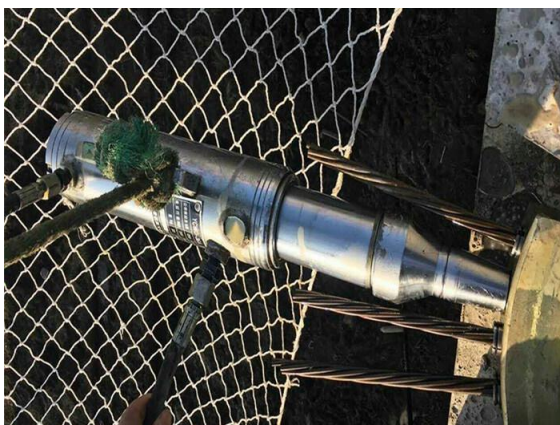
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the commonly used structure by wire disc and flanged disc, to make the bearing capacity for oil pressure strengthen. So enormously reduce the possibility of mechanical damage due to improper operation.

4. Mono strand jack is a kind of front cassette jack, which is mainly used for single-hole tensioning, and can also be used for frequent pre-tensioning, tensioning and troubleshooting. It can be used for high-strength steel wire bundles and steel strands of various specifications.





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Technical data

Parameter table of 27ton Mono Strand Jack With Manual Pump										
Model	Nominal	Diameter of	Area of	Stroke of	Rated oil pressure	Overall dimension		Minimum		The reserved
	tensioning	minimum	stressing	stressing				working	length	
		center hole	cylinder			space(mm)		of strand		
	KN	mm	mm ²	mm	Mpa	out diameter(mm)	length(mm)	L	E	mm
QYC70	74	10	1437	150	50	63	296	616	54	120
QYC240	240	18	4009	200	60	102	425	825	86.7	200
QYC270	270	18	4415	200	61	105	427	827	89	200
QYC1100	1100		22619	200	49	265	336			
QYC2000	2000		42332	200	48	355	386			

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