



## Prestressing Steel Strand Hydraulic Jack

### QYC Series Prestressing Steel Strand Front-end Hydraulic Jack

#### Specification of Jack

1. light weight , easy operation
2. high efficiency
3. Especially used for high altitude or in a small space.

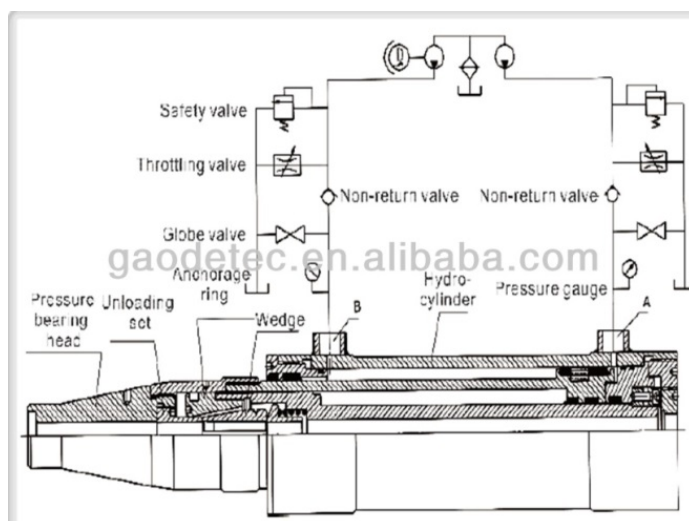
#### Features of jack

prestressed concrete jack for anchors and pc strand are the new designed products in our company, the upgrades of the primary jacks.

1. using the new seals, to synchronous strengthen the seal-ability under great pressure.
2. Using special alloy steel with 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 the operating process, jacks is easily damaged under overpressure because of the jack-based pullback cylinder, so we added the overpressure valve on the jacks to pressure production. Meanwhile we improved the original of commonly used structure by wire disc and flanged disc, to make the bearing capacity for oil pressure strengthen. So it enormously reduces the possibility of mechanical damage due to improper operation.

In a word, the QYC series jacks' performance is improved, and widely used in pre-stressing and post stressing construction.

#### Designation of Jack

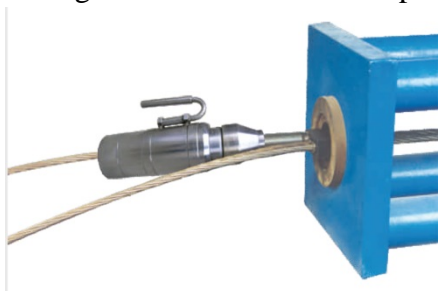


#### Parameter of Jack

Model	Nominal tensioning	Diameter of minimum center hole	Area of stressing cylinder	Stroke of stressing	Rated oil pressure	Overall dimension		Minimum working space(mm)		The reserved length of strand
	KN	mm	mm <sup>2</sup>	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
<b>QYC270</b>	<b>270</b>	<b>18</b>	<b>4415</b>	<b>200</b>	<b>61</b>	<b>105</b>	<b>427</b>	<b>827</b>	<b>89</b>	<b>200</b>
QYC1100	1100		22619	200	49	265	336			
QYC2000	2000		42332	200	48	355	386			
QYC3000	3000		61575	180	49	415	402			

### Application of Jack

QYC270 Series Front-End Hydraulic Floor Jack is applied in hole tension, group of anchors tension one by one, which can be used for troubleshooting, for back-up anchor and tension, especially used for high altitude or in a small space.



The photo of Jack

