

SCM Series Hydraulic Pusher

Model Number	Clamping Plier						Pusher						Dimensions					
	Working pressure	Rated clamping force	Clamping Travel	Reservoir Oil capacity	Usable oil volume	weight	Working pressure	Rated pushing force	Pushing stroke	Reservoir Oil capacity	Usable oil volume	weight	L0	L1	L2	H0	H1	D
	bar	KN	mm	L	L	Kg	bar	KN	mm	L	L	Kg	(mm)					
SCM16-600	504	775	35	0.27	0.54	67	504	157	600	0.92	1.87	50	1143	132.5	887	382	152	180
SCM30-600	624	1960	35	0.52	1.1	137	585	294	600	1.34	3.02	69	1193	157.5	905	417	152	250

Capacity: 16-30tons

Pushing Stroke: 600mm

Maximum Operating Pressure: 504-624bar

Pushing Capacity in Ideal Condition:

SCM16-600 158ton

SCM30-600 400ton

1. It includes two parts: clamping pliers and pushing cylinder
2. It is widely used in various large parts transportation industries.
3. Users shall prepare heavy rail (38kg/m, 43kg/m, 50kg/m) and main and passive slipper by themselves.
4. In order to make the moving weight run smoothly, two

Ordering Example

Model: SCM16-600 16 ton Hydraulic Pusher

Clamping plier:

·SCM16-600-1,2pcs

Pusher:

· SCM16-600-2,2pcs

Electric hydraulic pump:

· PE10,2pcs

High pressure hoses:

·SZAX-3 - M22X1. 5, 4pcs

·SZAX-6 - NPT3/8, 4pcs

Active and passive boots:

·User backup

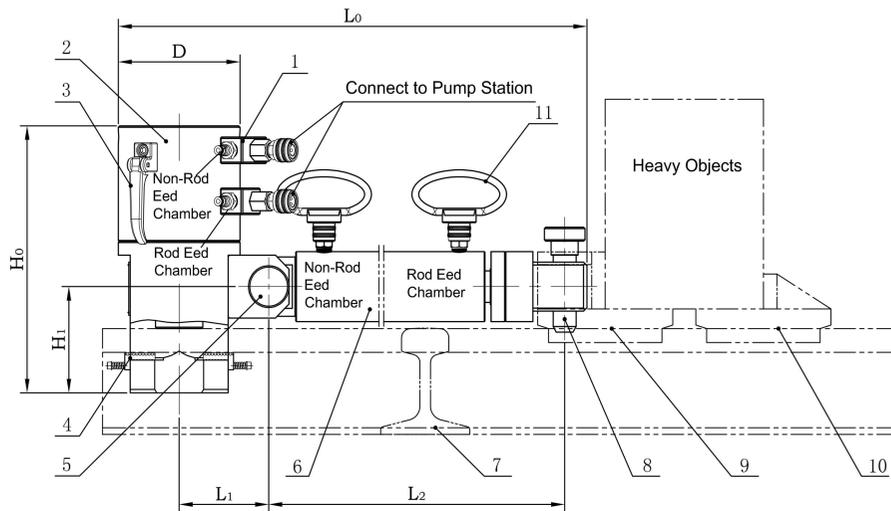
4. In order to make the moving weight run smoothly, two sets of machine must be used simultaneously.

5. Apply lubricating grease to the contact surface of the slipper and rail to reduce the friction system.

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Several role. However, avoid the grease on the contact surface of the clamp iron and heavy rail to prevent friction.

The friction coefficient decreases and the clamping force is weakened



(Figure 1)