

# Port Container Lifting Spreader

## Product Introduction

The simple container lifting device is directly suspended on the hook of a universal gantry crane for container loading and unloading operations. It has no power source, and the lifting and hanging between the lifting device and the container need to be achieved through the lifting and lowering of the hook, which is driven by a ratchet mechanism to rotate the rotary lock. This type of lifting device has the advantages of convenient replacement, simple structure, light weight, low cost, and is suitable for comprehensive freight yards where containers and cargo are operated together.

## Product Features

1. Framework: Adopting steel welding, it is characterized by dedicated integral welding tire welding, good integrity, high forming accuracy, good frame stiffness, and high bending strength.
2. Rotary lock mechanism: The rotary lock adopts surface quenching treatment of 40Cr material, and the other components are quenched and tempered with 45 # steel.
3. Chain and transmission mechanism: Adopting gear transmission mechanism. The principle of using intermittent and crank slider mechanisms.
4. Backboard device: There are two forms: fixed and movable.
5. Steel wire rope: There are two types of tension joints at both ends: steel clamp joints and compression joints.



## Basic Parameter

Loading(t)	Adjustable range (m)	Effective length L1 (m)	Size (mm)					Weight (kg)
			A	B	C	L	H	
2	2-3	3	80	150	570	3184	180	145
3.2	3-5	5	100	220	830	5200	300	400
5	3-5	5	100	220	935	5300	300	520
8	4-6	6	160	360	1140	6312	340	980
10	4-6	6	160	360	1140	6312	340	1140
12.5	4-6	6	180	400	1320	6320	370	1385
16	6-8	8	180	430	1370	8320	450	2325
20	6-8	8	180	430	1485	8360	450	2635
25	6-8	8	200	500	1755	8500	530	3110
32	8-10	10	220	600	2135	10640	650	5435
40	8-10	10	220	600	2165	10640	650	5880