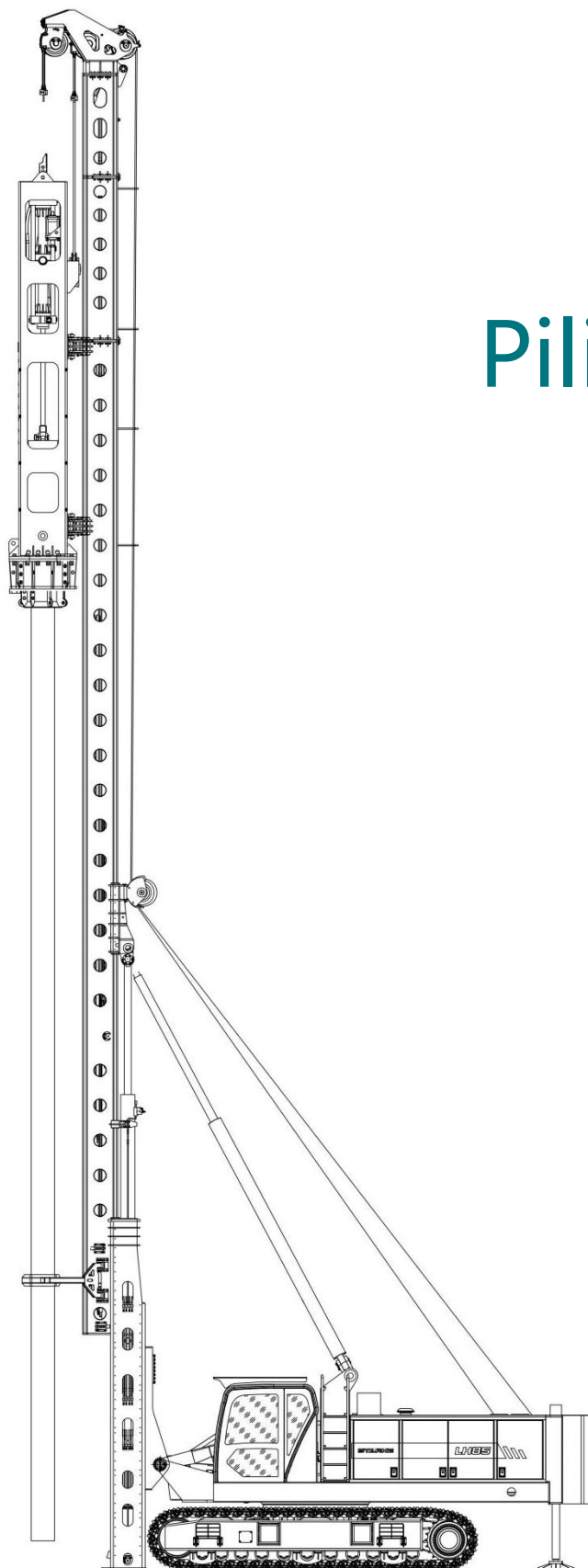


LH85 Piling Rig

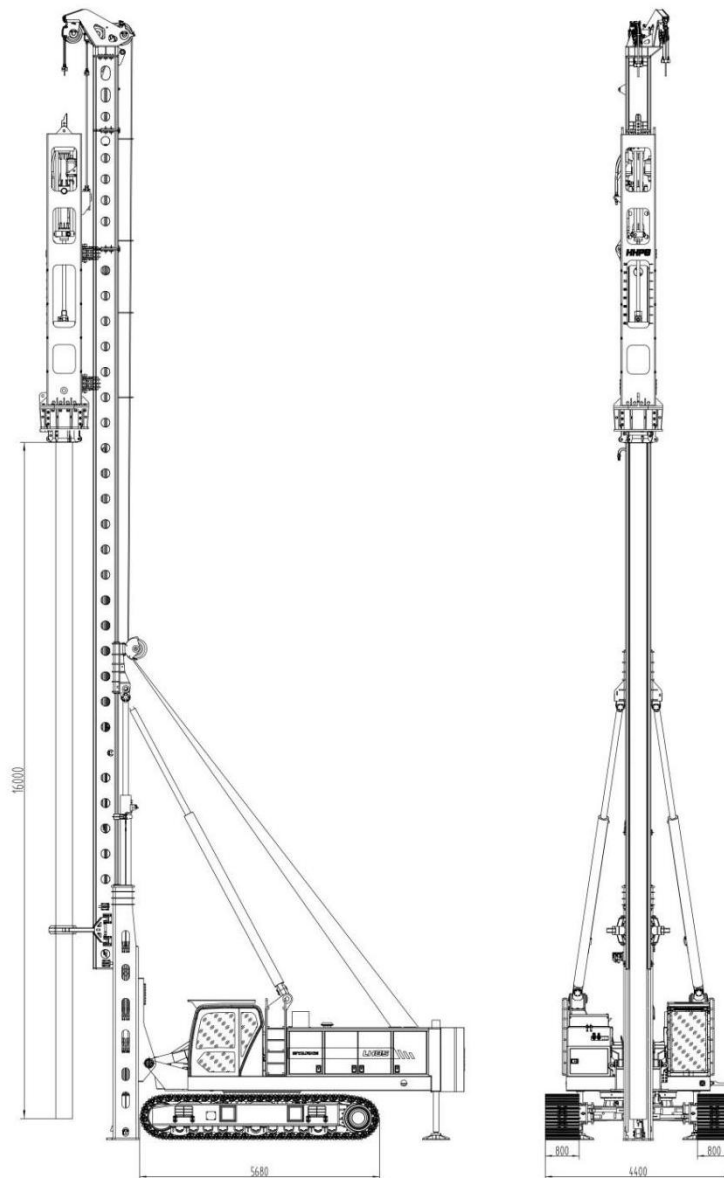


General Information

The STARKE LH85 is a versatile and efficient piling rig designed for driving piles with precision and reliability. It supports hammer ram weights ranging from 5000 to 8000 kg and can handle pile lengths of up to maximum 16 meters with HHP8 hydraulic hammer configuration (extended pile length possible).

Key features like the telescopic leader enable quick and effortless pile handling, while the high-performance STARKE hydraulic hammers deliver top-tier pile driving capabilities. The rig's expandable tracks and low center of gravity provide exceptional stability across various terrains. The horizontal leader movement enhances precision, enabling fast and accurate pile positioning.

With its compact size and lightweight design, the STARKE LH85 is easy to transport between sites, saving time and resources.



***LH85 with standard available leader configuration (Hydraulic Impact Hammer HHP8)**

Technical Data

Basic features

Nominal operational weight	Without Pile	≈90500 kg
Leader capacity		22000 kg
Winch capacity	Pile:(Single rope)	11 t
	Hammer:(Double rope)	11 t
Recommended hammer type		HHP8
*Maximum pile length (HHP8)		16 m

Upper-carriage

Engine	Type:	Cummins QSL8.9-C325 China Stage III
	Power:	242kW / 325hp
	Fuel tank:	450 L
Hydraulic system	Max flow:	580L/min
	Max pressure:	320 bar
	Oil tank:	1000 L
Counterweight		8500 kg

Leader

Movements	Telescope(up/down):	2# Leader: +1130/-370 mm 3# Leader: 4000 mm
	Horizontal:	1000 mm
*Inclinations (HHP8)		±3°

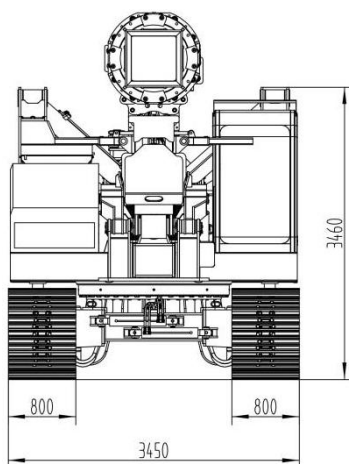
Under-carriage

Crawler length		5680 mm
Width (800 shoes)	Min:	3450 mm
	Max:	4400 mm

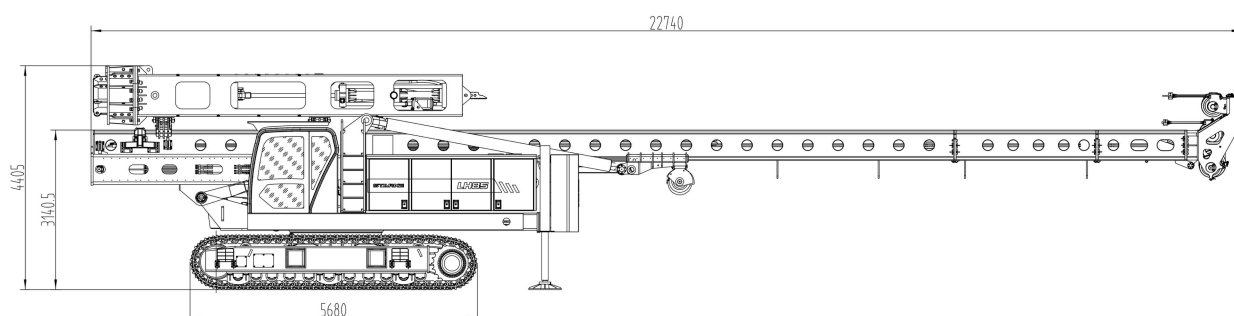
Options

Arctic Kit
Extend Counterweight

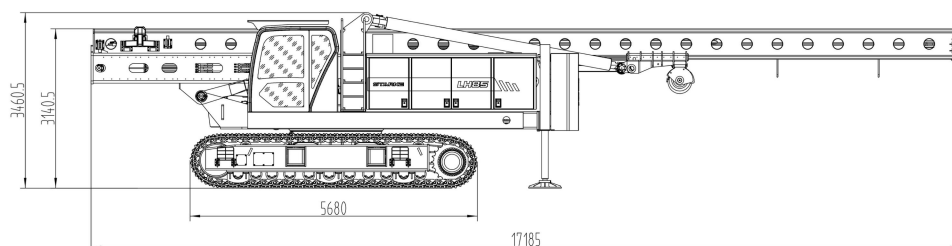
Transport Dimension



Minimum track width.



**LH85 transport dimensions with standard leader configuration
(Hydraulic Impact Hammer HHP8).**



**LH85 transport dimensions with folded leader configuration
(Without Hydraulic Impact Hammer HHP8).**

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Guangdong Liyuan Hydraulic Machinery Co., Ltd. reserves the right to amend the specification without prior notice