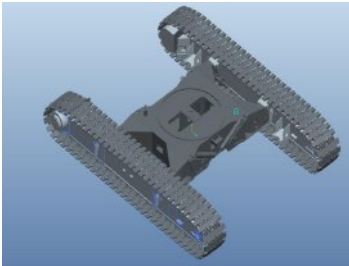
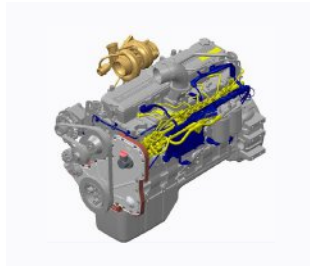


## Full-hydraulic Crawler-type Pile Drivers

### Features



With a large and wide chassis, the stability of the whole machine is greatly improved, and it can be attached with heavier working devices.



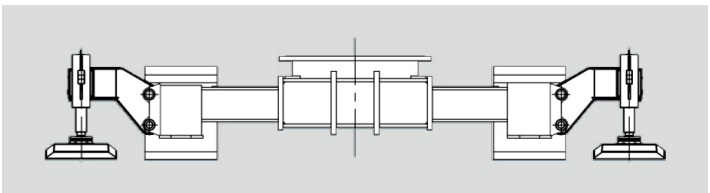
The 242kW Cummins engine meeting the EU Stage IV emission standard is more powerful and cleaner.



The diameters of the column and the support rod are 1,020mm and 610mm respectively, which can significantly improve the strength and reliability of the machine. The maximum mast height can reach 60m (when custom-made).



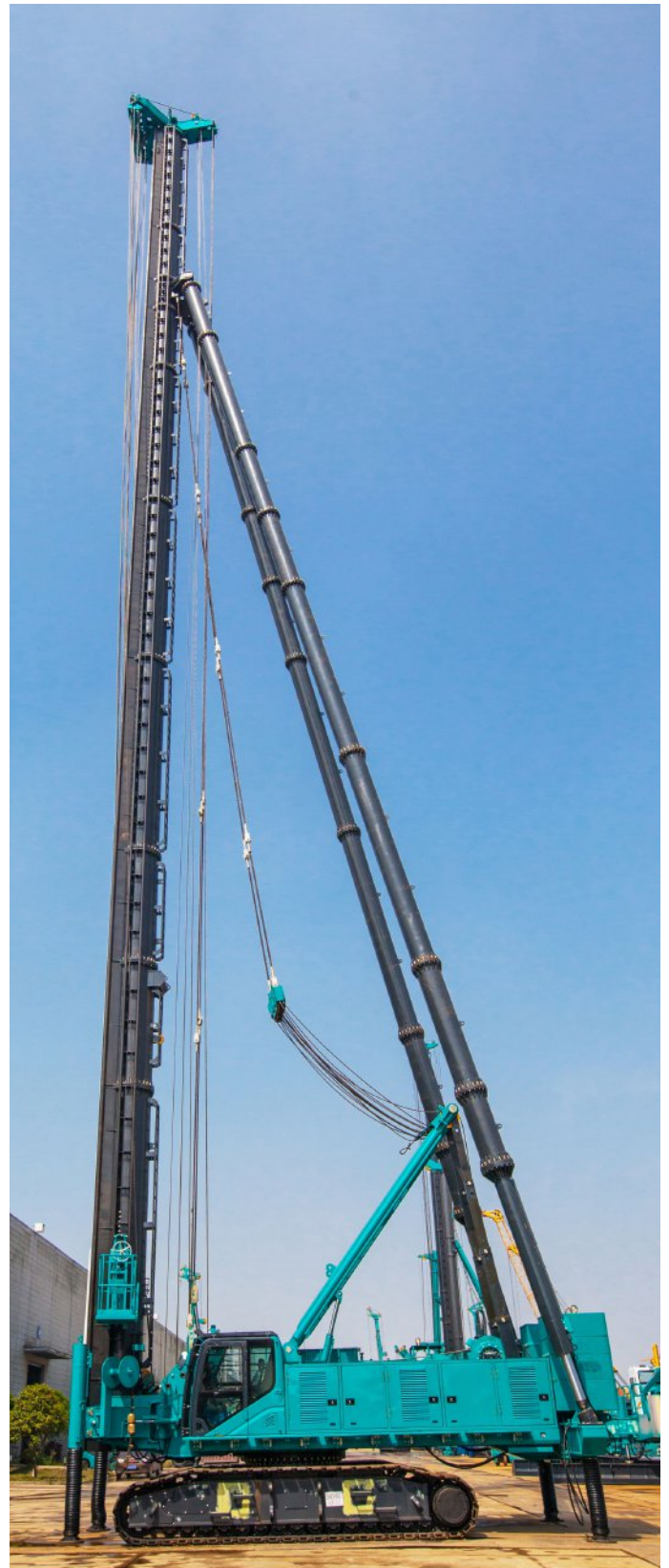
The main, auxiliary and hoisting winches have the free release function, and the whole machine is equipped with 6 winches, making it suitable for various construction methods.



Optional special anti-overturning device - slip shoes



Advanced intelligent electro-hydraulic control system and simple HMI.



# SWCH980-260M

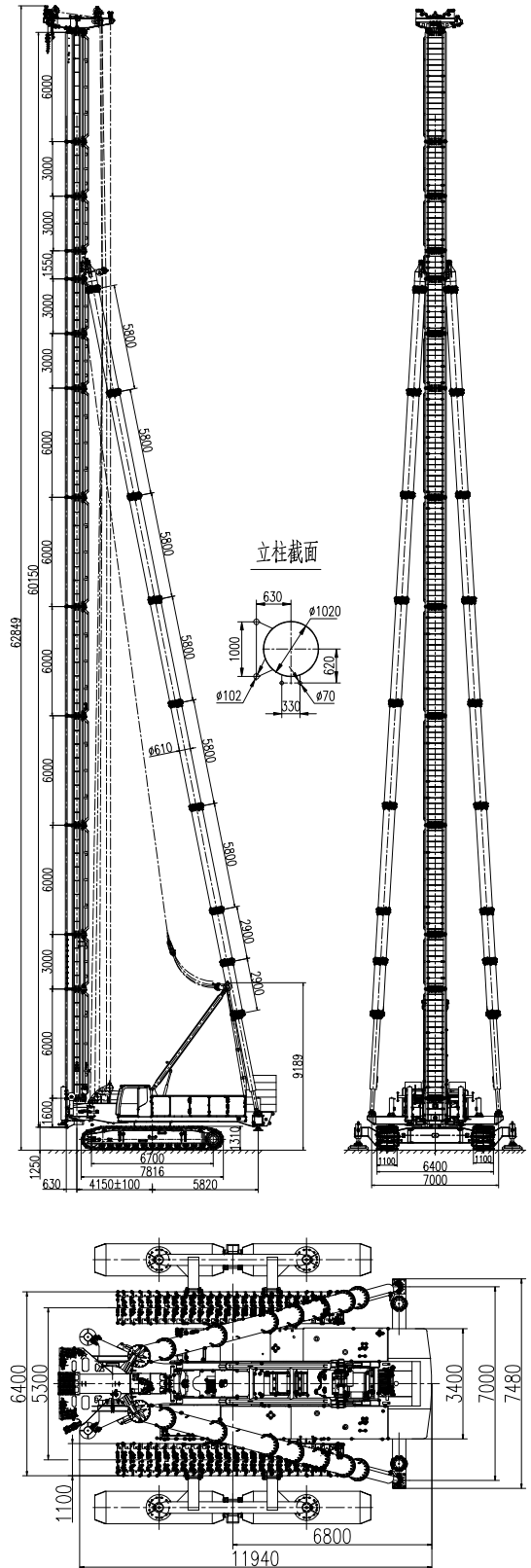
Full-hydraulic Crawler-type  
Pile Drivers

## Main Technical Parameters

Description		Unit	Main technical parameters	Remarks
Engine	Model	—	QSB6.7-C325	Cummins
	Rated power	kW/rpm	242/2100	
	Maximum torque	N-m/rpm	1230/1500	
Pile driving frame column	Column length	m	30, 33, 36, 39, 42, 45, 48, (51), (54), (57), (60)	Non-rotating, custom-made for those in brackets
	Column diameter	mm	Φ 1020	
	Main slide rail size	mm	Φ 102×1000	
	Auxiliary slide rail size	mm	Φ 70×330	At the suspended working platform side
	Lateral inclination	°	±1.5	
	Allowable maximum lifting capacity	kN (t)	882 (90)	See the operation manual for details
Main winch	Speed of hoisting single rope	m/min	96/48	With free hook release function
	Steel rope diameter	mm	22	Micro-speed, floating drilling, etc.
	Rope length	m	600	
Auxiliary winch	Speed of hoisting single rope	m/min	96/48	With free hook release function
	Steel rope diameter	mm	22	Micro-speed, floating drilling, etc.
	Rope length	m	600	
Hoisting winch	Speed of hoisting single rope	m/min	43	With free hook release function
	Steel rope diameter	mm	22	
	Rope length	m	160	
Mast winch	Speed of hoisting single rope	m/min	47	With ratchets
	Steel rope diameter	mm	22/40	
	Rope length	m	240	
Suspended working platform winch	Speed of hoisting single rope	m/min	6.4	With ratchets
	Steel rope diameter	mm	14	
	Rope length	m	110	
Crawler chassis	Maximum unfolded width of track	mm	6400	
	Folded width of track	mm	3400	After the track is disassembled
	Width of track link	mm	1100	
	Track length	mm	7816	
	Center distance between two crawler wheels	mm	6700	
	Travelling speed	km/h	0.6~1.0	
	Upper-structure slewing speed	r/min	0.8~1	Slewing angle: 360°
	Gradeability	°	21.8 (40%)	Only the machine body, with no column and counterweight
Overall dimensions	During working	m	12×7.5×47.8	For 45m column
Counterweight	t		36	
Allowable maximum travelling weight	t		260	If any working device is attached, please see the operation manual for details
Ground contact area	m <sup>2</sup>		14.74	
Ground pressure	MPa		0.173	

\*\*\*As this product is subject to continual improvement and upgrading, the parameters in the above table may be changed without prior notice.

## Overall Dimensions



Please read the operation and maintenance manual carefully first for proper use of the equipment. Sunward will made continual improvement, however, it may not be possible for us to inform you of all improvements to the products. The Manual is only used for reference, and will be finally interpreted by Sunward.  
Internal Use Only

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