



# Vertical Reach: 36.5m



# SYG5231THBCS 370C-10 TRUCK-MOUNTED CONCRETE PUMP

## Energy-saving

Pump efficiency is increased up to 25% while fuel consumption is decreased by up to 10%.

## Safety

Our C10 series truck mounted concrete pump exemplifies Sany's precise, rigorous manufacturing philosophy and uncompromising focus on safety.

## Highly Wear Resistant Parts

The highly wear resistant parts improve efficiency and reduce down time.

## Self-diagnosis Technology

Continually monitors more than 200 aspects of the system during operation. Faults are displayed on the monitor. Review of the detected faults can reduce troubleshooting time by 70%.

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# TECHNICAL SPECIFICATION

Model		SYG5231THBCS 370C-10		
Overall Specification	Length(mm)	10050		
	Width(mm)	2530		
	Height(mm)	3850		
	Dead weight(kg)	23600		
Boom & Outrigger Specification	Vertical reach(m)	36.5		
	Horizontal reach(m)	31.8		
	Reach depth(m)	20.9		
	Unfolded reach(m)	7.5		
	1st Section	Length(mm)	7550	
		Articulation(°)	89	
	2nd Section	Length(mm)	6025	
		Articulation(°)	180	
	3rd Section	Length(mm)	5835	
		Articulation(°)	180	
	4th Section	Length(mm)	6660	
		Articulation(°)	230	
	5th Section	Length(mm)	6355	
		Articulation(°)	180	
Rotation(°)		±360		
Front outrigger spread L-R(mm)		6110		
Rear outrigger spread L-R(mm)		8500		
Pumping System Specification	Output (m <sup>3</sup> /h)	Low-Pressure	120	
		High-Pressure	70	
	Pressure (MPa)	Low-Pressure	7	
		High-Pressure	12	
	Delivery cylinder diameter(mm)		230	
	Stroke length(mm)		1600	
	Hydraulic system		Open	
	Hydraulic system oil pressure(MPa)		32	
	Oil tank capacity(L)		320	
	Water tank capacity(L)		700	
	Pipeline size(mm)		125	
	End hose length(m)		3	
End hose diameter(mm)		125		
Chassis Specification	Chassis brand		SANY	
	Chassis model		SYM5230THB1C	
	Engine type		HINO J08E	
	Engine maximum net power(kW/rpm)		221/2500	
	Emission standard		Euro III	
	Capacity of fuel tank (L)		300	
	Displacement(L)		7.684	
	Max. speed(km/h)		85	

