

TECHNICAL SPECIFICATIONS

49m Concrete Pump Series

		Model	SYG5360THB 49	
Overall Specification	Length (mm)		12500	
	Width (mm)		2500	
	Height (mm)		4000	
	Empty Weight (kg)		36450	
Boom & Outrigger Specification	Vertical Reach (m)		48.6	
	Horizontal Reach (m)		43.6	
	Reach Depth (m)		30.8	
	Unfolded Reach (m)		13.9	
	1st Section	Length (mm)	9760	
		Articulation	89°	
	2nd Section	Length (mm)	7670	
		Articulation	180°	
	3rd Section	Length (mm)	7410	
		Articulation	180°	
	4th Section	Length (mm)	9670	
		Articulation	235°	
	5th Section	Length (mm)	10060	
		Articulation	215°	
Rotation			±360°	
Outrigger Spread L-R---Front (mm)		9300		
Outrigger Spread L-R---Rear (mm)		9620		
Pumping System Specification	Output	Low-pressure (m³/h)	170	
		High-pressure (m³/h)	120	
	Pressure	Low-pressure (Mpa)	8.3	
		High-pressure (Mpa)	12	
	Max. Strokes per Minute	Low-pressure (times/min)	29	
		High-pressure (times/min)	19	
	Delivery Cylinder Diameter (mm)		260	
	Stroke Length (mm)		1900	
	Hydraulic System		Open	
	Hydraulic System Oil Pressure (Mpa)		32	
	Hydraulic Tank Capacity (L)		680	
	Water Tank Capacity (L)		620	
	Pipe Size (mm)		125	
	End Hose Length (m)		3	
	End Hose Diameter (mm)		125	
Chassis Specification	Chassis Model		BENZ Actros 4141	
	Engine Model		OM501LA. IV /3	
	Engine Power (kW/rpm)		300/1800	
	Emissions		Tier IV / Tier III	
	Fuel Tank Capacity (L)		400	
	Displacement (L)		11.946	
	Max. Speed (km/h)		80	
Brake Distance (m/km/h)		≤10/30		

