

TRUCK-MOUNTED CONCRETE PUMP
专用混凝土泵车



C10 TRUCK-MOUNTED CONCRETE PUMP



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QUALITY CHANGES THE WORLD

ENTERPRISE OVERVIEW

SANY Group is the largest concrete machinery manufacturer in the world. It has built 5 industrial parks respectively in Shanghai, Beijing, Shenyang, Kunshan and Changsha as well as 4 overseas R&D and manufacturing bases in India, the United States, Germany and Brazil. Its business covers 150 countries and its products are all over the world.

R&D

SANY Group has 4 domestic R&D centers, 3 overseas R&D centers, 221 product research institutes, and more than 5,000 authorized patents. SANY Group not only interprets the beauty of science and technology with its strong technical strength, but also leads the future of the world with its extraordinary wisdom.

Manufacturing

SANY Group relies on the largest intelligent manufacturing system in Asia, integrates the cutting-edge technology of China and Germany and the rigorous manufacturing concept, and strives for perfection in every process and every component. SANY Group ensures that every product presented to you has been sticking to international first-class quality.

Services

SANY Group quantifies its commitments, clarifies its service standards and compensation basis, and its value chain system covers the whole life cycle of products. The service engineers of SANY Group around the world give you "Worry Free Life" with 24-hour meticulous care.



Member of **SANY** Group

Putzmeister

The World's Largest Concrete Machinery Manufacturer

The World's First Brand of Concrete Machinery

Leading R&D, manufacturing and service

Create and maintain the Guinness World Records

The world's largest production and sales volume of concrete machinery

Focus on development and manufacture of concrete machinery for 60 years

The absolute authority of the industry technology leader

A German manufacturing enterprise with profound foundation



4 CORE USP TRUCK-MOUNTED CONCRETE PUMP



Highly Reliable

- International authoritative-certificate lighthouse factory & world-class manufacturing capability
- Optimized key parts with ultra-high strength steel
- Open hydraulic system & high configuration
- SANY customized chassis & SANY DEUTZ Engine
- Stable signal & precise control



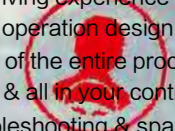
Strong Pumping

- A 10% increase in pumping efficiency
- smoother flow, less blockage and meet long-time pumping need
- Dual-purpose machine: quickly transform into a line pump
- Various boom types & flexible working posture
- Less site limitation, smaller footprint & wider placement range



Extremely Economical

- Advanced fuel combustion & intelligent power matching technology
- The best cost performance choice
- Easy maintenance, cost-saving and time-saving
- The industry-leading longest service life of wear parts



Ultimate User Experience

- High configuration cab & exceptionally comfortable driving experience
- Single-button operation design & optimized flow of the entire process
- MachineLink+ & all in your control
- 24/7 rapid troubleshooting & spare parts supply guaranteed





HIGHLY RELIABLE WORLD-CLASS MANUFACTURING CAPABILITY

International Authoritative-certificate Lighthouse Factory

- 5G+AR+AI, state-of-the-art tech empowers factory manufacturing capability with better human-machine collaboration
- Selected by the World Economic Forum (WEF) in Davos and McKinsey, the world's only lighthouse factory for pump truck, with the highest level of intelligent manufacturing and digitalization in the global manufacturing field.
- The industrial chain is specially built for the pump truck. Meanwhile, the core components are all self-developed and self-made to ensure reliable quality.

Professional Product Test

- 6,000,000 cycles of fatigue tests, the most stringent test (average annual workload of a pump truck is about 62,500 m³ concrete).

Optimized Key Parts

- S61000 is applied to critical structural components such as the boom, outriggers and the pedestal.
- S61000 with excellent performance parameters: ≥ 960 MPa yield strength; 980-1,200 Mpa tensile strength
- >35,000 machines all over the world such as Germany and the USA, assuring the quality



Auto-welding



Auto-spraying



Auto-processing



Auto-assembly



Flexible Assembly



Auto-processing



HIGHLY RELIABLE OPEN HYDRAULIC SYSTEM

Stable Performance & Low Failure Rate

- Lower energy consumption compared with closed hydraulic system; specially adapt to large-load, long-time and continuous working.
- Large flow circulation cooling with strong heat dissipation, the temperature is maintained at 60-70°C .
- Hydraulic system 5-level filtration: on the basis of the industry's general 3-level filtration, strong magnetic bars are installed to strongly adsorb large particles, increasing the precision filtration to remove the most lethal particles under 10 μ to the hydraulic valve.
- Longer service life of hydraulic parts, saving 30% of the annual maintenance cost.

Customized Flow & Low Pressure Loss

- A Casted Energy-saving Valve Group with the optimal 3D streamline-design, achieving smoother oil flow.
- Overcoming key difficulties like hydraulic flow path obstruction and abrupt changes in hydraulic flow direction, avoiding large amounts of energy consumption.
- 25% less in pressure loss compared with the traditional Forging Valve Groups, achieving the lowest level in the industry.

Top-level Configuration in the Industry International First-class Brands

- Well-known brands: Rexroth, HAWE, ect.
- Careful matching of components ensure stable performance of the whole machine
- Detailed pre-delivery inspection of the pump truck



Millions Times of Life Tests on Rubber Hose



Double-layer Seal of Hydraulic Steel Pipe

HIGHLY RELIABLE CUSTOMIZED CHASSIS & SANY DEUTZ ENGINE



Customized & Integrated Design

- Passing the strictest 20,000 km road verification, the failure rate is reduced by 50%.
- Integral design of chassis and X-unit, assuring more reasonable axle load distribution.
- 5 "High" Test: High-temperature, High-frigid, High-altitude, High-dust, High-salt. No fear for the extreme environment.

Powerful, Stable and Reliable



- D12 Engine, rated power reaches 360 kW, 1,900 rpm.
- Large torque with the strongest climbing ability. The maximum torque reaches 2,200 Nm, 1,000-1,400 rpm.
- No fear for the startup in extremely low temperature (-20°C). Only take 2s, faster than the industry average (4s).
- Large flow and high-pressure-ratio supercharger. Good adaptability to high altitude and no power drop at an altitude of 3000 m.

STABLE SIGNAL

PRECISE CONTROL

The control distance is up to **1km**
 The battery lasts **>10h**
 The signal loss rate **<0.1%**
 Compatible with all frequency bans worldwide
 Automatically switch frequencies to ensure a stable signal
 Wired emergency function, support cable communication, convenient and quick to reduce downtime.

Customized for the harsh industrial environment
 Multi-core CPU and the main frequency is up to **16Hz**, doubling in processing power
IP66 grade protection & Ambient temp. **-30 °C to 75 °C**
50+ Extreme environment tests such as EMC test
 Operation with no delay



SANY Remote Control



SYLD/SYSD Industrial Control Display Screen



SYMC/SYAS Motion Controller

STRONG PUMPING **GREATER PUMPING CAPACITY**

10% increase in pumping efficiency. Pump one additional drum* of concrete per hour.

Smoother flow

- S-tube switching is fast with less vibration.
- Optimized Wear-resistance, no worry about manufactured sand or high-strength grade concrete.
- 50% increase in service life and easier changeover.

Less Blockage

- Large swing cylinder: 100 mm
- Powerful mixing motor: 25 kW
- Single-button high/low pressure switch, the industry-first and patented technology.

Long Endurance

- 40% of the hydraulic flow is recycled for heat dissipation and the oil temperature is maintained at the best range (60 °C -70 °C).
- Large 600 L fuel tank (standard) & large spare fuel tank (optional)



8%
Large-streamlined hopper,
Golden 8", 720L
Large delivery cylinder 260mm x 2,100mm

Fast and Powerful mixing,
25 kW motor power,
50% Feeding efficiency improved

Utilization rate of delivery
cylinder reaches 99%

>>> Achieving a high suction rate

*This is calculated as 8 m³ per drum.

POWERFUL, ONE MACHINE FOR TWO PURPOSES

TRANSFORMED INTO A LINE PUMP



Convenient Refit & Common Pipe



One-button High/Low Pressure Switch

The truck-mounted concrete pump can quickly transform into a line pump. Pumping height of 100m is not a problem. dealing with both high-rise and low-rise buildings easily Share the common parts, the pipeline for example

*Some models are not equipped with this function.

STRONG PUMPING **LARGER PLACING RANGE**

One more section boom, providing better flexibility and accessibility
 Various boom types (4-6 section arm) are provided.
 Z-type or RZ-type unfolding for the maximum freedom and a larger concrete distribution area

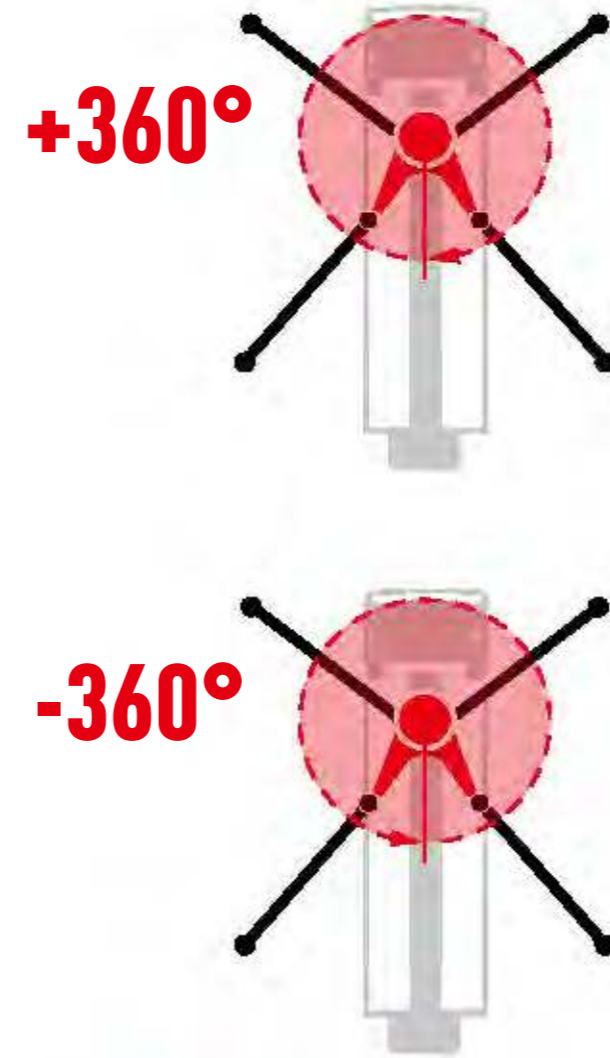


Flexible working posture

- $\pm 360^\circ$ rotation: the boom can rotate 360° both positively and negatively even while horizontal, quite timesaving.
- Good accessibility

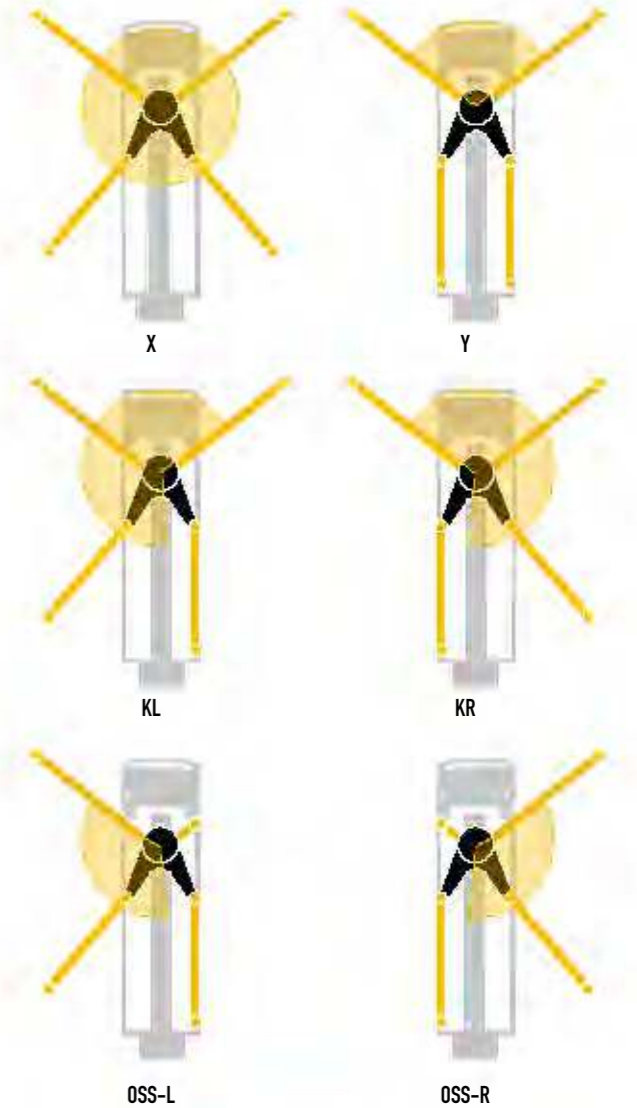
Safe and stable boom

- Equipped with pressure and angle sensors (optional), the boom resonance is eliminated, ensuring the boom is stable when moving.
- The impact to key parts is reduced by over 30%, achieving longer service life.



$\pm 360^\circ$ Rotation

The boom can rotate 360° both positively and negatively even while horizontal, quite timesaving



Flexible Support

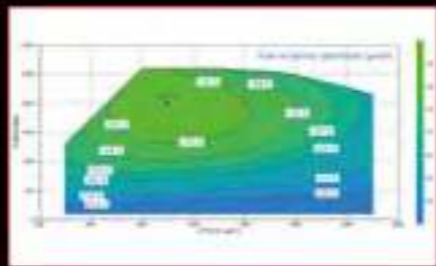
Pumping work can be done in narrow places. Optimized safety design, flexible support provides stability in any position.



EXTREMELY ECONOMICAL

FUEL-SAVING THE BEST COST PERFORMANCE

SANY pump truck with SANY chassis adopts advanced fuel combustion technology, realizing the coexistence of power and fuel saving advantages. The transmission chain from engine to gearbox and oil pump has been optimized for different working conditions such as pumping, driving and idling. Tens of thousands of SANY chassis around the world verify a reliable and fuel-saving choice



Optimized Engine Hardware: With optimized engine hardware and expanded fuel economy, the fuel consumption can be reduced by up to 5%.



Optimized Driving Behaviors: Intelligently switching the engine working area, the driving fuel consumption can be reduced by up to 5%.



Ultra high pressure (2000bar) fuel injection technology



Special combustion chamber for low fuel consumption



Technical combination of high-rail-pressure and interval injection (one injection per 5 cycles)

EXTREMELY ECONOMICAL EASY MAINTENANCE

Single-button double piston return

- Easy-to-replace and time-saving. The pistons on both sides can be pushed out within 2 min. Replacement of the piston takes only 15 min.
- Single-button operation. Piston return or reset can be completed with single button.

Lubrication-free pins

- Lubrication-free axle pins at the boom, outriggers, and other key parts, saving a lot of maintenance cost.

The industry-leading longest service life of wear parts



40,000 - 60,000 m³

Straight pipe
Hinged elbow
Large(small) elbow



110,000 m³

Delivery cylinder



150 h

Fiber rubber piston
High purity natural rubber
Reinforced technology



40,000 m³

Spectacle wear plate
Wear ring (20,000 m³)

*The above data are empirical data; the service life of wear parts is closely related to boom posture, concrete quality and other conditions.



ULTIMATE USER EXPERIENCE COMPARABLE TO PASSENGER CAR EXPERIENCE



4-point Floating Suspension



630mm Wide Spacious Sleeper



Remote Control Storage Box



Leather Interior + Top Storage Box

The C10 pump truck optimizes the work flow for operators, which fits better into the operators' working habits. Furthermore, the pumping work can be started sooner so as to save time and effort.



Single-button Boom Locking



Rapid Unfolding



Large Platform



Multi-language Option (10+)



I-O Fast-troubleshooting

MachineLink



MachineLink Web Version

ULTIMATE USER EXPERIENCE EASY TO OPERATE AND MANAGE WELL

Key Parameters Can Be Adjusted

- The parameters can be adjusted according to the habits of the operator, providing higher operating freedom.
- The working condition and parameter settings are clear at a glance.



SYLD/SYSD Control Display Screen

Check the First-hand Data at Will

- Fuel consumption (driving fuel, pumping fuel consumption, etc.)
- Pumping volume, working time, operating rate in 24h, etc.
- The data you want can be easily obtained at any time, greatly reducing the operation and management costs.

All in Your Control

- Multiple data inspection functions.
- Monthly machine-check report: system performance, condition of business, fuel economy, stability evaluation, etc.
- Big data prediction: initiative data analysis allows for targeted and proactive maintenance of the pump truck.



MachineLink App Version

ULTIMATE USER EXPERIENCE

WHOLE-PROCESS
QUALITY ASSURANCE

Our commitment to the quality

2000 hours whole machine warranty

50,000 km or **1 year** chassis warranty, whichever comes first.

Rapid Troubleshooting & Double Assurance

15min response and **2h** solution provided

2h on-site inspection assured by the SANY factory and front-line dealers around the world (Subject to agreed time)

24/7 technical support for faults such as machine shutdown. Experts online ensure the continuity of construction.

Fault self-diagnosis in the whole process: startup, machine-working and shutdown. Information processing on cloud realizes early-warning.



All in One – SANY customer cloud APP

Machine Info Spare Parts Stock & Order
 Troubleshooting Machine Management
 Feedback Channel ...

Spare Parts Supply Guaranteed

Factory outlets are available around the world.

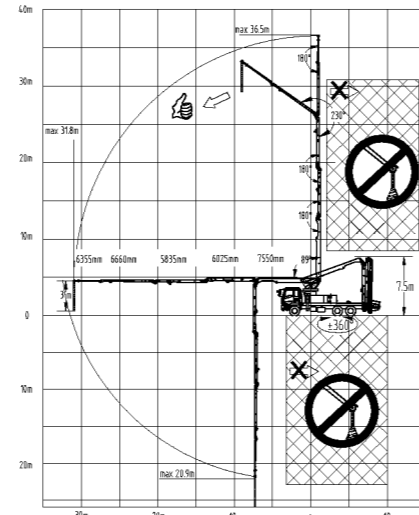
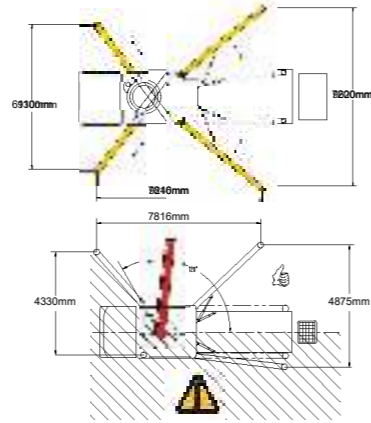
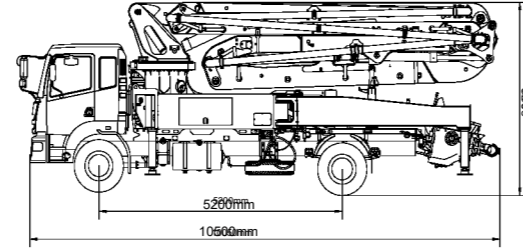
Spare parts can be requested online, offering instant distribution, so that you won't have any post-purchase worries.

At present, SANY products cover more than 150 countries and regions around the world. SANY Group has spare part warehouses all over the world, forming a sufficient and reliable supply guarantee system of headquarters, regional center, provincial level and prefecture level warehouse. More than 80,000 kinds of spare parts are stored worldwide for customers to choose, fully meeting users' urgent demands.



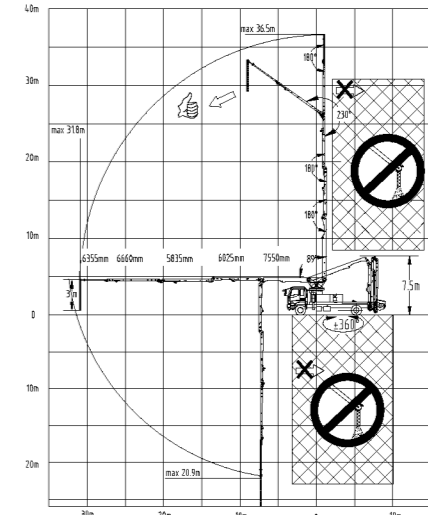
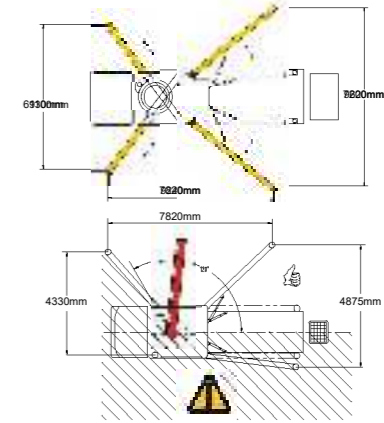
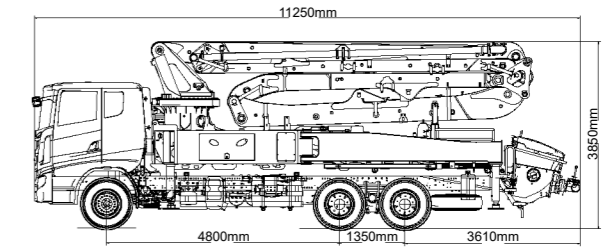
37m Series

Model		Unit	SYG5230THBES 370C-10	
Overall Spe.	Length	mm	10050	
	Width	mm	2530	
	Height	mm	3850	
Boom & Outrigger Specification	Dead weight	kg	23000	
	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	
Output	Low-pressure	m³/h	120	
	High-pressure	m³/h	70	
Pressure	Low-pressure	MPa	7	
	High-pressure	MPa	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		SYM5230THB1E	
	Engine type		J08E-WY	
	Engine maximum net power	kW/rpm		194/2200
	Emission standard			Euro V
	Capacity of fuel tank	L		300
	Displacement	L		7.684
Max. speed	km/h		85	



37m Series

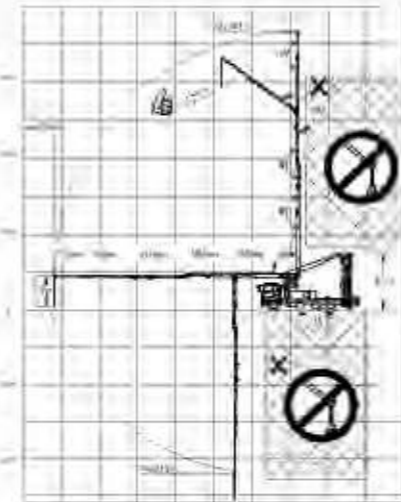
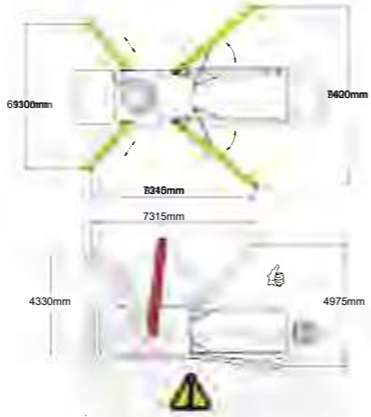
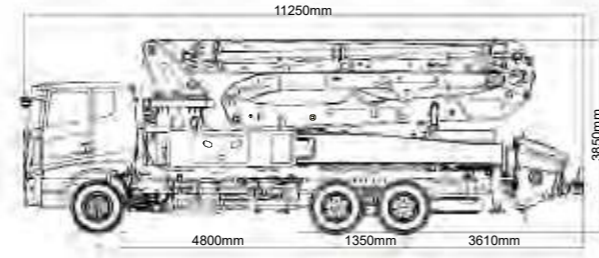
Model		Unit	SYG5260THB 370C-10	
Overall Spe.	Length	mm	11250	
	Width	mm	2550	
	Height	mm	3850	
Boom & Outrigger Specification	Dead weight	kg	26500	
	Vertical reach	m	36.5	
	Horizontal reach	m	31.8	
	Reach depth	m	20.9	
	Unfolded reach	m	7.5	
	1st Section	Length	mm	7550
		Articulation		89°
	2nd Section	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		7200	
Output	Low-pressure	m³/h	160	
	High-pressure	m³/h	96	
Pressure	Low-pressure	MPa	7	
	High-pressure	MPa	12	
Delivery cylinder diameter	mm		230	
Stroke length	mm		1900	
Hydraulic system			Open	
Hydraulic system oil pressure	MPa		32	
Oil tank capacity	L		320	
Water tank capacity	L		350	
Pipeline size	mm		125	
End hose length	m		3	
End hose diameter	mm		125	
Chassis Specification	Chassis brand		SANY	
	Chassis model		SYM5350THB1E-3RS1T1	
	Engine type		P11C-WE	
	Engine maximum net power	kW/rpm		309/1900
	Emission standard			Euro V
	Capacity of fuel tank	L		600
	Displacement	L		10.5
Max. speed	km/h		90	



*R/H and Euro III also available.

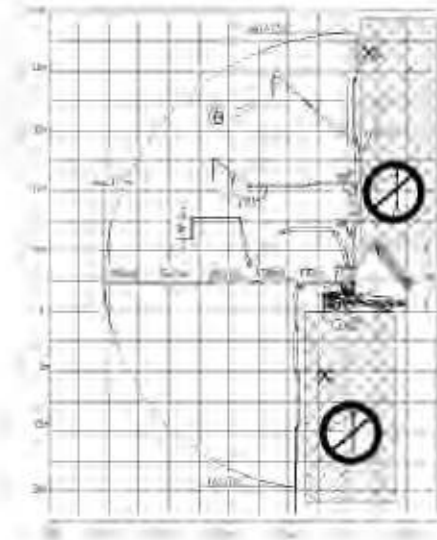
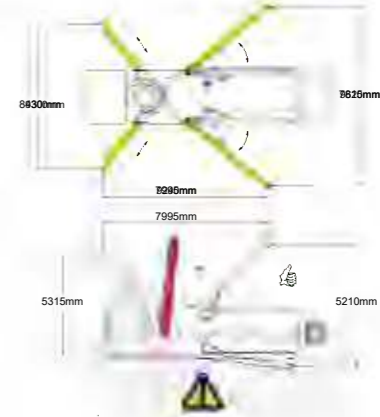
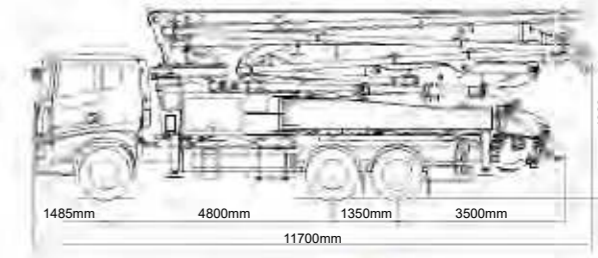
39m Series

Model		Unit	SYG5260THB 390C-10	
Overall Spe.	Length	mm	11250	
	Width	mm	2550	
	Height	mm	3910	
	Dead weight	kg	26800	
Boom & Outrigger Specification	Vertical reach	m	38.1	
	Horizontal reach	m	33.4	
	Reach depth	m	23.5	
	Unfolded reach	m	9.2	
	1st Section	Length	mm	7480
		Articulation		89°
	2nd Section	Length	mm	5865
		Articulation		180°
	3rd Section	Length	mm	5940
		Articulation		180°
	4th Section	Length	mm	7300
		Articulation		230°
	5th Section	Length	mm	7510
		Articulation		180°
Rotation			± 360°	
Front outrigger spread L-R	mm		6110	
Rear outrigger spread L-R	mm		7400	
Pumping System Specification	Output	Low-pressure	m³/h	160
		High-pressure	m³/h	96
	Pressure	Low-pressure	MPa	7
		High-pressure	MPa	12
	Delivery cylinder diameter	mm		230
	Stroke length	mm		1900
	Hydraulic system			Open
	Hydraulic system oil pressure	MPa		32
	Oil tank capacity	L		400
	Water tank capacity	L		600
Pipeline size	mm		125	
End hose length	m		3	
End hose diameter	mm		125	
Chassis Specification	Chassis brand		SANY	
	Chassis model		SYM5350THB1E	
	Engine type		D12C5-490E0	
	Engine maximum net power	kW/rpm		348/1900
	Emission standard			China V
	Capacity of fuel tank	L		600
	Displacement	L		12.12
Max. speed	km/h		90	



43m Series

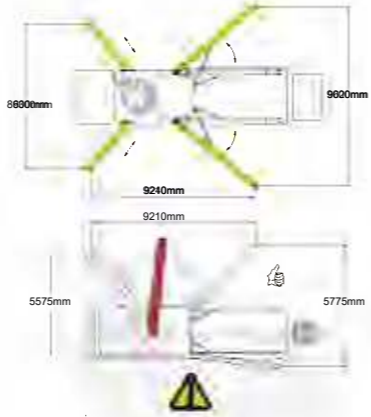
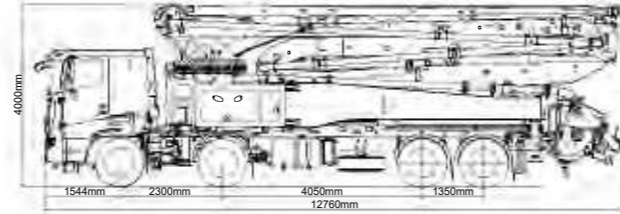
Model		Unit	SYG5310THBES 430C-10	
Overall Spe.	Length	mm	11700	
	Width	mm	2550	
	Height	mm	4000	
	Dead weight	kg	31500	
Boom & Outrigger Specification	Vertical reach	m	42.5	
	Horizontal reach	m	37.7	
	Reach depth	m	27	
	Unfolded reach	m	11	
	1st Section	Length	mm	8112
		Articulation		89°
	2nd Section	Length	mm	6300
		Articulation		180°
	3rd Section	Length	mm	6924
		Articulation		180°
	4th Section	Length	mm	8542
		Articulation		230°
	5th Section	Length	mm	8636
		Articulation		210°
Rotation			± 360°	
Front outrigger spread L-R	mm		8430	
Rear outrigger spread L-R	mm		7815	
Pumping System Specification	Output	Low-pressure	m³/h	160
		High-pressure	m³/h	96
	Pressure	Low-pressure	MPa	7
		High-pressure	MPa	12
	Max. strokes per minute	Low-pressure	times/min	34
		High-pressure	times/min	20
	Delivery cylinder diameter	mm		230
	Stroke length	mm		1900
	Hydraulic system			Open
	Hydraulic system oil pressure	MPa		32
Oil tank capacity	L		450	
Water tank capacity	L		620	
Pipeline size	mm		125	
End hose length	m		3	
End hose diameter	mm		125	
Chassis Specification	Chassis brand		SANY	
	Chassis model		SYM5350THB1E	
	Engine type		D12C5-490E0	
	Engine maximum net power	kW/rpm		348/1900
	Emission standard			China V
	Capacity of fuel tank	L		600
	Displacement	L		12.12
Max. speed	km/h		90	



47m Series

Model		Unit	SYG5372THBES 470C-10	
Overall Spe.	Length	mm	12800	
	Width	mm	2550	
	Height	mm	4000	
	Dead weight	kg	36700	
Boom & Outrigger Specification	Vertical reach	m	47	
	Horizontal reach	m	42	
	Reach depth	m	29.3	
	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	8545
		Articulation		215°
Rotation			± 360°	
Front outrigger spread L-R	mm		8600	
Rear outrigger spread L-R	mm		9000	
Pumping System Specification	Output	Low-pressure	m³/h	200
		High-pressure	m³/h	137
	Pressure	Low-pressure	MPa	8.3
		High-pressure	MPa	12
	Max. strokes per minute	Low-pressure	times/min	33
		High-pressure	times/min	22
	Delivery cylinder diameter	mm		260
	Stroke length	mm		1900
	Hydraulic system			Open
	Hydraulic system oil pressure	MPa		32
Oil tank capacity	L		680	
Water tank capacity	L		620	
Pipeline size	mm		125	
End hose length	m		3	
End hose diameter	mm		125	
Chassis Specification	Chassis brand		SANY	
	Chassis model		SYM5440THB1E	
	Engine type		D12C5-490E0	
	Engine maximum net power	kW/rpm		348/1900
	Emission standard			China V
	Capacity of fuel tank	L		600
	Displacement	L		12.12
Max. speed	km/h		90	

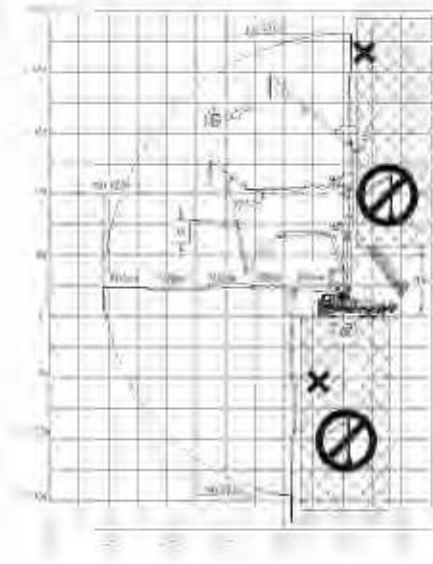
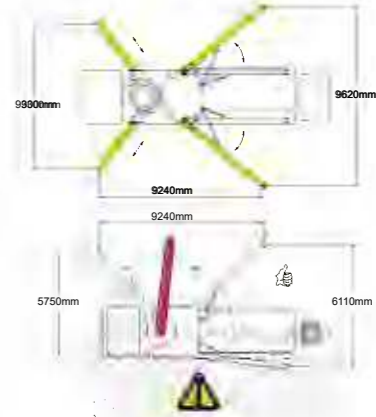
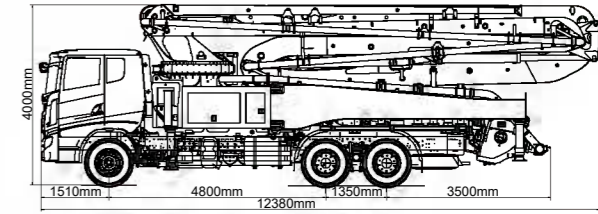
*Euro III also available.



47m Series

Model		Unit	SYG5340THB 470C-10	
Overall Spe.	Length	mm	12380	
	Width	mm	2550	
	Height	mm	4000	
	Dead weight	kg	34000	
Boom & Outrigger Specification	Vertical reach	m	47	
	Horizontal reach	m	42	
	Reach depth	m	29.3	
	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	8545
		Articulation		215°
Rotation			± 360°	
Front outrigger spread L-R	mm		9300	
Rear outrigger spread L-R	mm		9620	
Pumping System Specification	Output	Low-pressure	m³/h	200
		High-pressure	m³/h	137
	Pressure	Low-pressure	MPa	8.3
		High-pressure	MPa	12
	Max. strokes per minute	Low-pressure	times/min	33
		High-pressure	times/min	22
	Delivery cylinder diameter	mm		260
	Stroke length	mm		1900
	Hydraulic system			Open
	Hydraulic system oil pressure	MPa		32
Oil tank capacity	L		680	
Water tank capacity	L		620	
Pipeline size	mm		125	
End hose length	m		3	
End hose diameter	mm		125	
Chassis Specification	Chassis brand		SANY	
	Chassis model		SYM5350THB1E	
	Engine type		D12C5-490E0	
	Engine maximum net power	kW/rpm		348/1900
	Emission standard			China V
	Capacity of fuel tank	L		600
	Displacement	L		12.12
Max. speed	km/h		90	

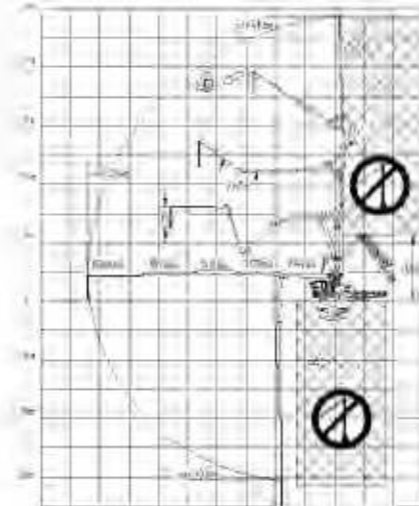
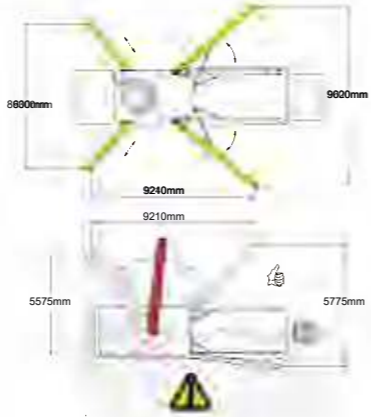
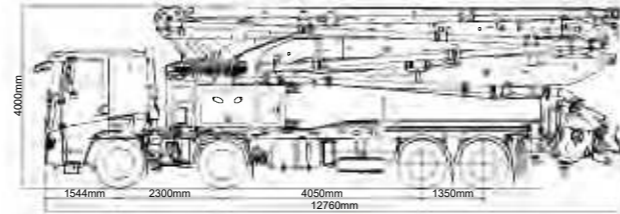
*R/H and Euro III also available.



49m Series

Model		Unit	SYG5372THBES 490C-10	
Overall Spe.	Length	mm	12800	
	Width	mm	2550	
	Height	mm	4000	
	Dead weight	kg	36700	
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°
Front outrigger spread L-R	mm		8600	
Rear outrigger spread L-R	mm		9000	
Pumping System Specification	Output	Low-pressure	m³/h	200
		High-pressure	m³/h	137
	Pressure	Low-pressure	MPa	8.3
		High-pressure	MPa	12
	Max. strokes per minute	Low-pressure	times/min	33
		High-pressure	times/min	22
	Delivery cylinder diameter	mm		260
	Stroke length	mm		1900
	Hydraulic system			Open
	Hydraulic system oil pressure	MPa		32
Oil tank capacity	L		680	
Water tank capacity	L		620	
Pipeline size	mm		125	
End hose length	m		3	
End hose diameter	mm		125	
Chassis Specification	Chassis brand		SANY	
	Chassis model		SYM5440THB1E	
	Engine type		D12C5-490E0	
	Engine maximum net power	kW/rpm		348/1900
	Emission standard			China V
	Capacity of fuel tank	L		600
	Displacement	L		12.12
Max. speed	km/h		90	

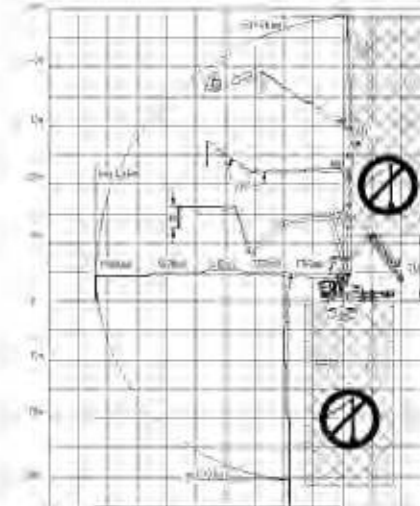
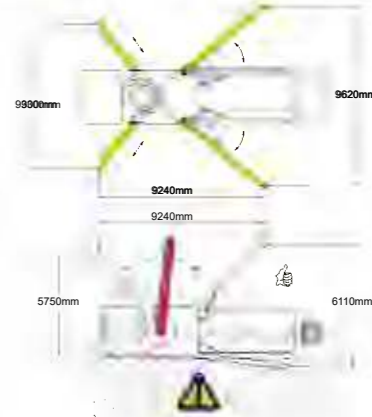
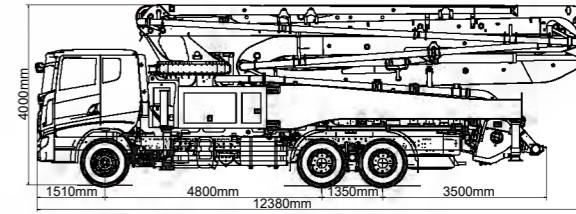
*Euro III also available.



49m Series

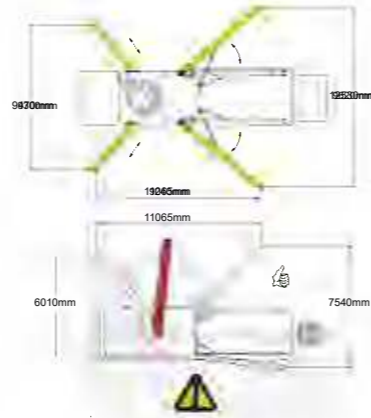
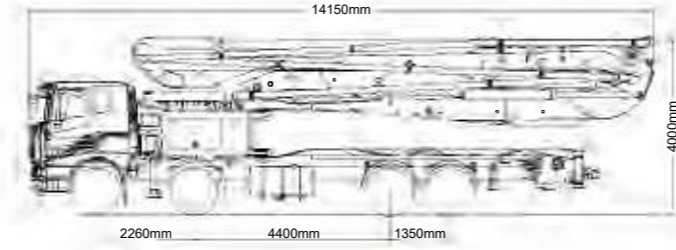
Model		Unit	SYG5340THB 490C-10	
Overall Spe.	Length	mm	12380	
	Width	mm	2550	
	Height	mm	4000	
	Dead weight	kg	34000	
Boom & Outrigger Specification	Vertical reach	m	48.6	
	Horizontal reach	m	43.6	
	Reach depth	m	30.8	
	Unfolded reach	m	13.9	
	1st Section	Length	mm	9760
		Articulation		89°
	2nd Section	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°
Front outrigger spread L-R	mm		9300	
Rear outrigger spread L-R	mm		9620	
Pumping System Specification	Output	Low-pressure	m³/h	200
		High-pressure	m³/h	137
	Pressure	Low-pressure	MPa	8.3
		High-pressure	MPa	12
	Max. strokes per minute	Low-pressure	times/min	33
		High-pressure	times/min	22
	Delivery cylinder diameter	mm		260
	Stroke length	mm		1900
	Hydraulic system			Open
	Hydraulic system oil pressure	MPa		32
Oil tank capacity	L		680	
Water tank capacity	L		620	
Pipeline size	mm		125	
End hose length	m		3	
End hose diameter	mm		125	
Chassis Specification	Chassis brand		SANY	
	Chassis model		SYM5350THB1E	
	Engine type		D12C5-490E0	
	Engine maximum net power	kW/rpm		348/1900
	Emission standard			China V
	Capacity of fuel tank	L		600
	Displacement	L		12.12
Max. speed	km/h		90	

*R/H and Euro III also available.



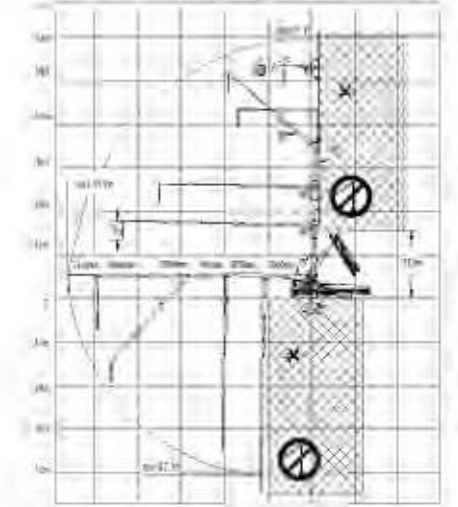
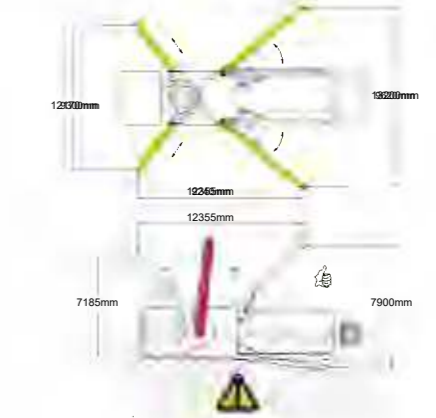
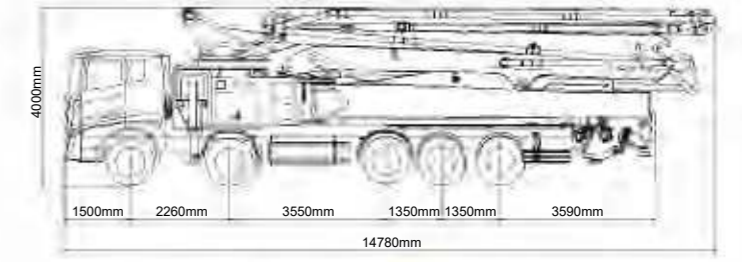
56m Series

Model		Unit	SYG5445THBES 560C-10	
Overall Spe.	Length	mm	14150	
	Width	mm	2550	
	Height	mm	4000	
	Dead weight	kg	43500	
Boom & Outrigger Specification	Vertical reach	m	56	
	Horizontal reach	m	51	
	Reach depth	m	36.6	
	Unfolded reach	m	15.2	
	1st Section	Length	mm	11390
		Articulation		89°
	2nd Section	Length	mm	9230
		Articulation		180°
	3rd Section	Length	mm	8750
		Articulation		180°
	4th Section	Length	mm	11070
		Articulation		240°
	5th Section	Length	mm	8080
		Articulation		210°
6th Section	Length	mm	3350	
	Articulation		110°	
Rotation			±360°	
Front outrigger spread L-R	mm		9470	
Rear outrigger spread L-R	mm		12530	
Pumping System Specification	Output	Low-pressure	m³/h	200
		High-pressure	m³/h	137
	Pressure	Low-pressure	MPa	8.3
		High-pressure	MPa	12
	Max. strokes per minute	Low-pressure	times/min	33
		High-pressure	times/min	22
	Delivery cylinder diameter	mm		260
	Stroke length	mm		2100
	Hydraulic system			Open
	Hydraulic system oil pressure	MPa		32
Oil tank capacity	L		610	
Water tank capacity	L		600	
Pipeline size	mm		125	
End hose length	m		3	
End hose diameter	mm		125	
Chassis Specification	Chassis brand		SANY	
	Chassis model		SYM5440THB1E	
	Engine type		D12C5-490E0	
	Engine maximum net power	kW/rpm		348/1900
	Emission standard			China V
	Capacity of fuel tank	L		600
	Displacement	L		12.12
Max. speed	km/h		90	



62m Series

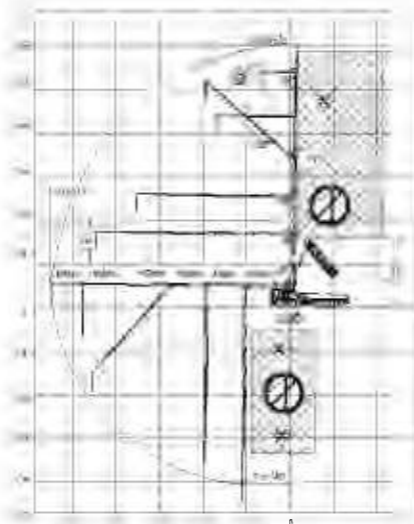
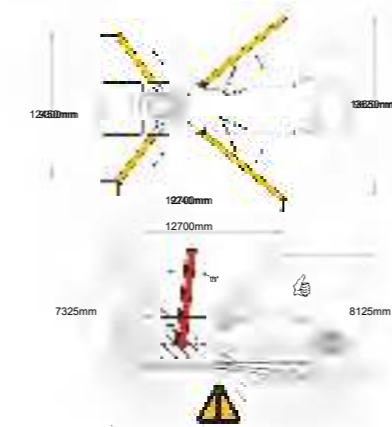
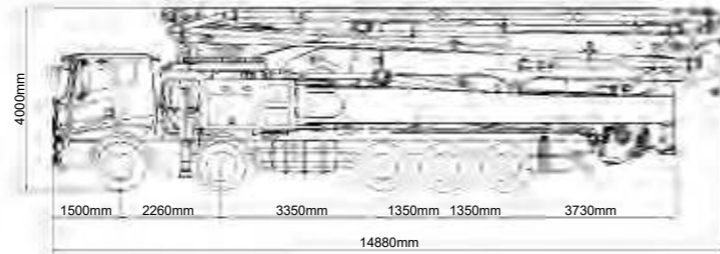
Model		Unit	SYM5502THB 620C-10A	
Overall Spe.	Length	mm	14780	
	Width	mm	2550	
	Height	mm	4000	
	Dead weight	kg	50000	
Boom & Outrigger Specification	Vertical reach	m	61.1	
	Horizontal reach	m	55.9	
	Reach depth	m	42.7	
	Unfolded reach	m	13.6	
	1st Section	Length	mm	11260
		Articulation		89°
	2nd Section	Length	mm	8785
		Articulation		180°
	3rd Section	Length	mm	9050
		Articulation		180°
	4th Section	Length	mm	10000
		Articulation		230°
	5th Section	Length	mm	10600
		Articulation		180°
6th Section	Length	mm	7405	
	Articulation		180°	
Rotation			±360°	
Front outrigger spread L-R	mm		12170	
Rear outrigger spread L-R	mm		13200	
Pumping System Specification	Output	Low-pressure	m³/h	200
		High-pressure	m³/h	137
	Pressure	Low-pressure	MPa	8.3
		High-pressure	MPa	12
	Max. strokes per minute	Low-pressure	times/min	33
		High-pressure	times/min	22
	Delivery cylinder diameter	mm		260
	Stroke length	mm		1900
	Hydraulic system			Open
	Hydraulic system oil pressure	MPa		32
Oil tank capacity	L		800	
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		SYM5530THB1E	
	Engine type		D12C5-490E0	
	Engine maximum net power	kW/rpm		348/1900
	Emission standard			China V
	Capacity of fuel tank	L		600
	Displacement	L		12.12
Max. speed	km/h		90	



*R/H and Euro III also available.






65m Series

Model		Unit	SYM5525THB 650C-10	
Overall Spe.	Length	mm	14880	
	Width	mm	2550	
	Height	mm	4000	
	Dead weight	kg	52000	
	Vertical reach	m	64.1	
	Horizontal reach	m	58.9	
	Reach depth	m	46	
Boom & Outrigger Specification	Unfolded reach	m	15	
	1st Section	Length	mm	11000
		Articulation		89°
	2nd Section	Length	mm	8465
		Articulation		180°
	3rd Section	Length	mm	9050
		Articulation		180°
	4th Section	Length	mm	11520
		Articulation		225°
	5th Section	Length	mm	11970
		Articulation		180°
	6th Section	Length	mm	8055
		Articulation		180°
	Rotation			± 360°
Front outrigger spread L-R	mm		12450	
Rear outrigger spread L-R	mm		13650	
Pumping System Specification	Output	Low-pressure	m³/h	200
		High-pressure	m³/h	137
	Pressure	Low-pressure	MPa	8.3
		High-pressure	MPa	12
	Max. strokes per minute	Low-pressure	times/min	33
		High-pressure	times/min	22
	Delivery cylinder diameter	mm		260
	Stroke length	mm		1900
	Hydraulic system			Open
	Hydraulic system oil pressure	MPa		32
	Oil tank capacity	L		800
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		SYM5530THB1E	
	Engine type		D12C5-490E0	
	Engine maximum net power	kW/rpm		348/1900
	Emission standard			China V
	Capacity of fuel tank	L		600
	Displacement	L		12.12
Max. speed	km/h		90	



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