

TRUCK-MOUNTED
CONCRETE PUMP



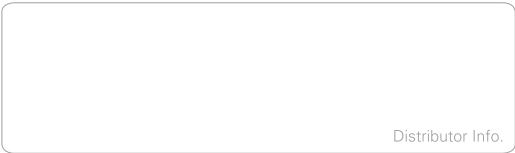
SANY TRUCK-MOUNTED CONCRETE PUMP



SANY HEAVY INDUSTRY CO., LTD.

SANY Industry Town, Changsha Economic and Technological
Development Zone, Hunan Province, China
Service Line: +86 4006 098 318
E-mail: crd@sany.com.cn

www.sanygroup.com



Due to our process of continuous innovation, materials and specifications are subject to change without notice.

© Printed in China File No.: 59010962 Date: Aug. 2019

www.sanygroup.com

C8

TRUCK-MOUNTED CONCRETE PUMP

KING OF THE PUMP WORLD

QUALITY CHANGES
THE WORLD



8 KEY TECHNOLOGIES

04 Anti Overswing
Technology

05 Highly Wear
Resistant Parts

03 Energy-saving
Technology

06 Self-diagnosis
Technology

02 Boom Technology

07 Smart Boom System

01 One-button
Technology

08 Safety



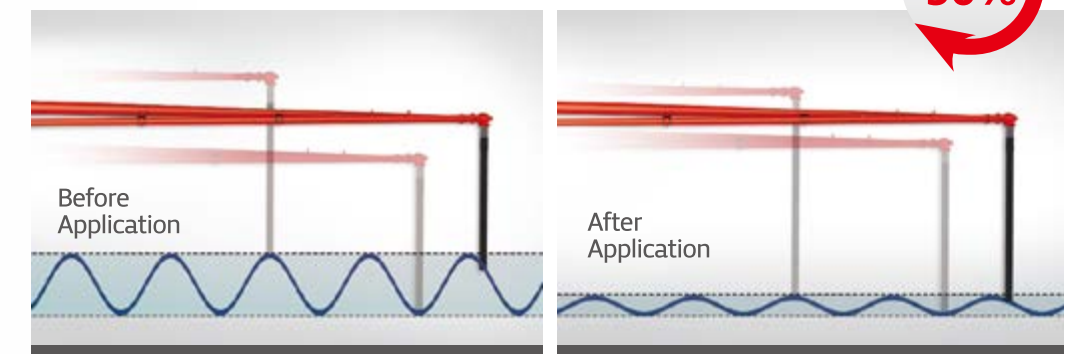
One-button Technology 01

The one button stabilization technology quickly dampens any boom movement resulting from repositioning the boom. This allows precise positioning of the end hose.



02 Boom Technology

The boom anti vibration technology reduces vibration during pumping by 50% allowing less movement and greater control of the end hose.



04 Anti Overswing Technology

By adopting our new swing brake technology, the boom's overswing amplitude is reduced by 60%

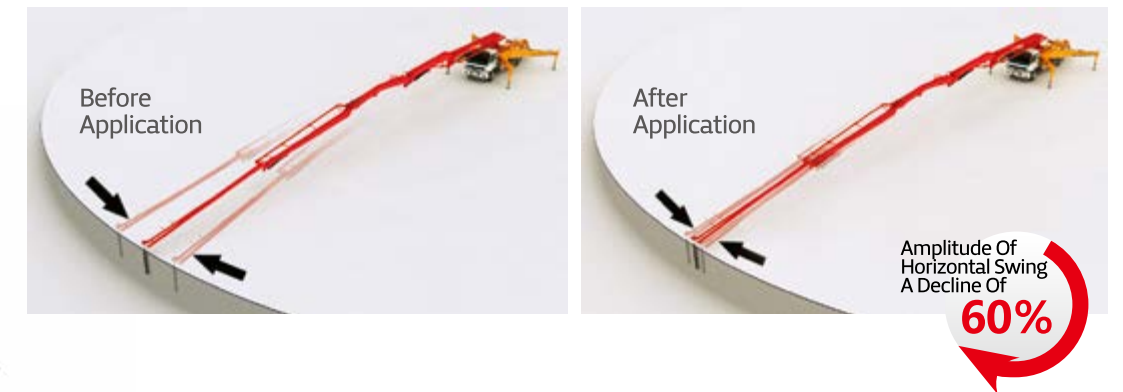
Efficiency, an Increase Of
25%



Energy Consumption
A Decline Of
10%

03 Energy-saving Technology

With cycle times of up to 29 per minute (at 12MPa), pump efficiency is increased up to 25% while fuel consumption is decreased by up to 10%.



05 Highly Wear Resistant Parts

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

Delivery pipe

Straight tube, hinged elbow, and, large elbow, and small elbow all adopt the double-layer compound structure. Inner layer is extremely wear resistant, with service life hitting 50,000 m³.

Discharge port / transition bushing

The discharge port and transition bushing are made with a double layer structure. The inner layer is made of a special steel that has a wear resistance 15 times greater than ordinary steel, giving it a service life of 60,000 to 80,000 cubic meters of concrete.

Concrete piston

The German rubber piston technology has excellent abrasion performance and resistance to heavy stress and high temperatures. It has a long service life, allowing the piston to pump 25,000 to 30,000 cubic meters concrete without replacement.

Wear plate/cutting ring

The world's first continuous gas shielded brazing technology, firmly adheres alloy to the substrate. Our patented dual ring split type alloy structure prevents the alloy from crumbling and leaking. The long service life of the wear plates enables them to pump 50,000 to 60,000 cubic meters concrete. The cutting ring can be used to pump 20,000 to 30,000 cubic meters concrete before replacement.

Delivery cylinder

The inner layer is plated with chrome with thickness of above 0.3mm, and so its hardness exceeds HV900, with service life hitting 100,000 to 140,000 m³.



Delivery Pipe



Discharge Port /Transition Bushing



Concrete Piston



Wear Plate /Cutting Ring



Delivery Cylinder

06 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%.



07 Smart Boom System

Operator friendly technology simplifies operation of the Sany boom system.

One Button Boom Extend/Retract

Press upward on the boom extend/retract button to extend the boom or press downward to retract the boom automatically.

Operator Programmable Height Limit

A height limit can be programmed to prevent boom contact with an obstruction or overhead hazard.

Coordinated Section Operation

The boom can be rapidly and accurately repositioned by coordinating the movement the first and second sections.



One Button Boom Extend/Retract



Operator Programmable Height Limit



Coordinated Section OperationLimit

08 Safety

Our C8 series truck mounted concrete pump exemplifies Sany's precise, rigorous manufacturing philosophy and uncompromising focus on safety.

Boom overload protection technology

Relief valves are mounted on the boom cylinder counterbalance valves. These valves will release pressure in the event of excessive boom load to prevent damage to the boom.

Hopper screen interlock technology

As an operator protection measure, the pump will automatically stop when the hopper screen is opened.

Hydraulic oil level monitoring

The oil level in the hydraulic reservoir is continually monitored. If the level drops below a preset level, an alarm will sound and the pump will be stopped to prevent damage to the hydraulic system.



C8 IS PRODUCED BY THE OUR MOST ADVANCED SUPER FACTORY

THE SANY SUPER FACTORY REDEFINES THE CONCEPT OF LEAN PRODUCTION

The automated production line boosts high quality assembly utilizing MES production management. A fully automated distribution and warehousing system enhances precision and efficiency. Robotic welding systems produce precise, uniform welds.

Every step in the manufacturing process has been refined and tuned in a bid to produce the highest quality products in the world.



Automated
Production Line

Mes Production
Management System

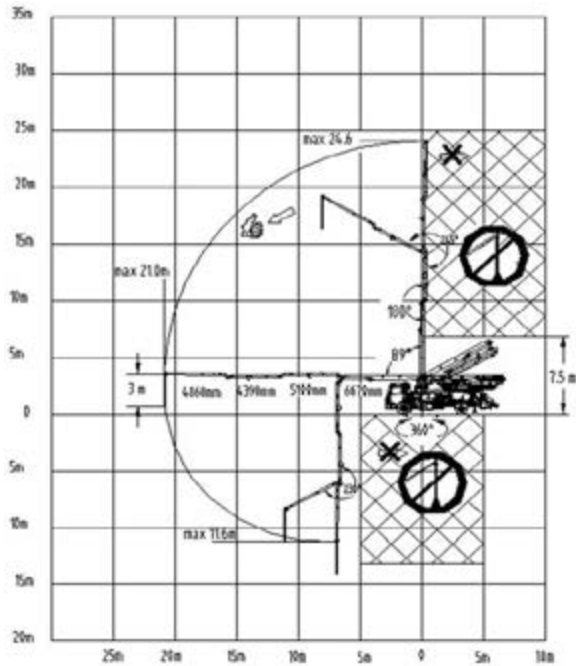
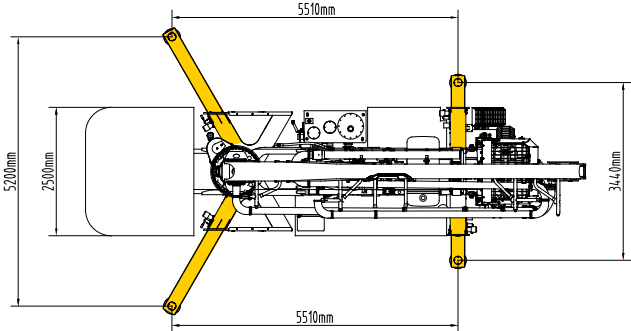
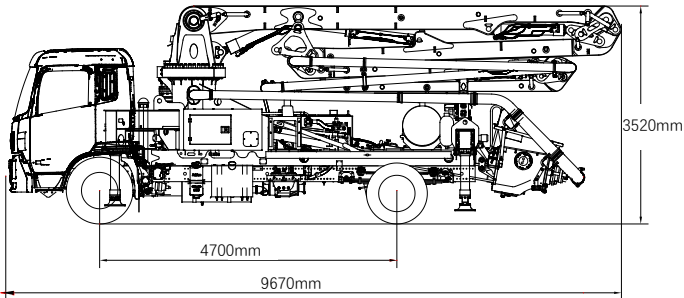
Fully automated
Distribution And
Warehousing System

Robotic

TECHNICAL SPECIFICATIONS

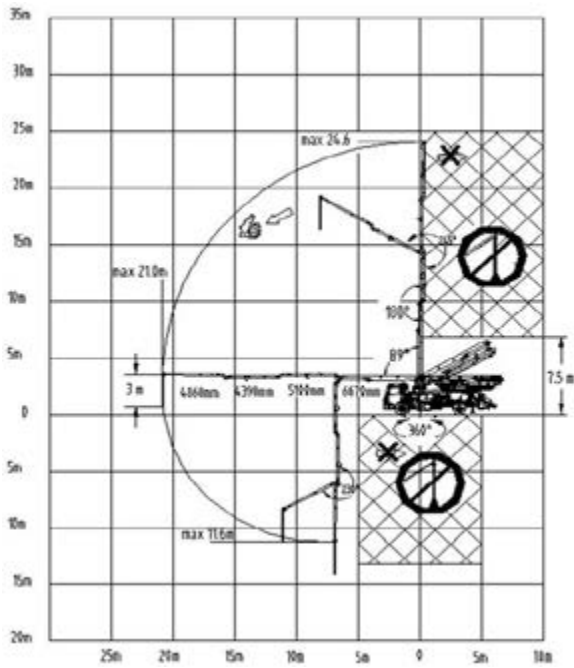
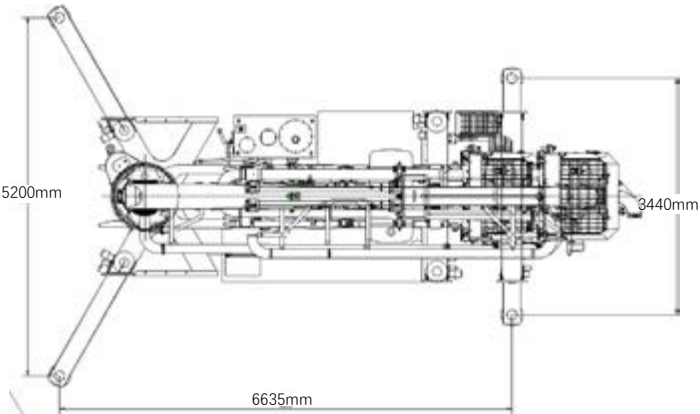
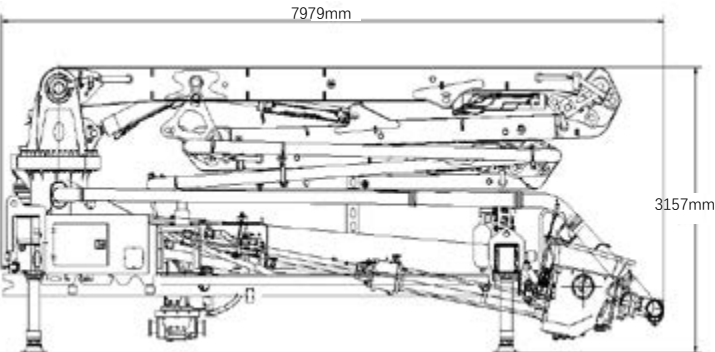
25m Concrete Pump Series

Model			SYM5165THBDD 25C-8
Overall Specification	Length		9670 mm
	Width		2500 mm
	Height		3520 mm
	Empty Weight		16000 kg
Boom & Outrigger Specification	Vertical Reach		24.6 m
	Horizontal Reach		21 m
	Reach Depth		11.6 m
	Min. Unfolded Reach		7.5 m
	1st Section	Length	6670 mm
		Articulation	89°
	2nd Section	Length	5100 mm
		Articulation	180°
	3rd Section	Length	4390 mm
		Articulation	245°
	4th Section	Length	4860 mm
		Articulation	230°
	Rotation		360°
	Front Outrigger Spread L-R		5200 mm
	Rear Outrigger Spread L-R		3440 mm
Pumping System Specification	Output		70 m³/h
	Pressure		6.4 MPa
	Max. Strokes Per Minute		28 times/min
	Delivery Cylinder Diameter		200 mm
	Stroke Length		1300 mm
	Hydraulic System		Open
	Hydraulic System Oil Pressure		32 MPa
	Oil Tank Capacity		480 L
	Water Tank Capacity		350 L
	Pipe Diameter		125 mm
	End Hose Length		3 m
	End Hose Diameter		125 mm
Chassis Specification	Chassis Brand		Dongfeng
	Chassis Model		DFL1160BX5
	Engine type		ISDe210 40
	Engine maximum net power		149.2 kW / 2500 rpm
	Emission standard		China stage IV
	Capacity of fuel tank		280 L
	Displacement		6.7 L
	Max. Speed		90 km/h



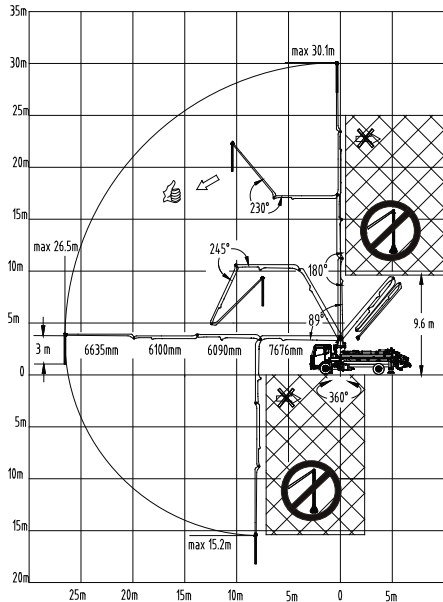
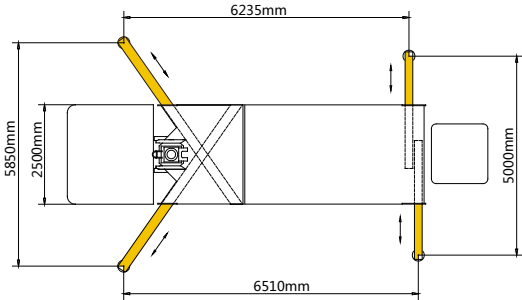
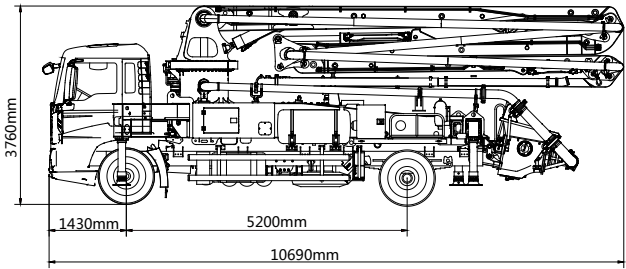
25m Concrete Pump Series

Model			SYM5195THB 25C-8(SZ)
Overall Specification	Length		7979 mm
	Width		2500 mm
	Height		3157 mm
	Empty Weight		11700 kg
Boom & Outrigger Specification	Vertical Reach		24.6 m
	Horizontal Reach		21 m
	Reach Depth		11.6 m
	Min. Unfolded Reach		7.5 m
	1st Section	Length	6670 mm
		Articulation	89°
	2nd Section	Length	5100 mm
		Articulation	180°
	3rd Section	Length	4390 mm
		Articulation	245°
	4th Section	Length	4860 mm
		Articulation	230°
	Rotation		360°
	Front Outrigger Spread L-R		5200 mm
	Rear Outrigger Spread L-R		3440 mm
Pumping System Specification	Output		120 m³/h
	Pressure		6 MPa
	Max. Strokes Per Minute		30 times/min
	Delivery Cylinder Diameter		230 mm
	Stroke Length		1600 mm
	Hydraulic System		Open
	Hydraulic System Oil Pressure		32 MPa
	Oil Tank Capacity		320 L
	Water Tank Capacity		350 L
	Pipe Diameter		125 mm
	End Hose Length		3 m
	End Hose Diameter		125 mm
Chassis Specification	Chassis Brand		/
	Chassis Model		/
	Engine type		/
	Engine maximum net power		/
	Emission standard		/
	Capacity of fuel tank		/
	Displacement		/
	Max. Speed		/



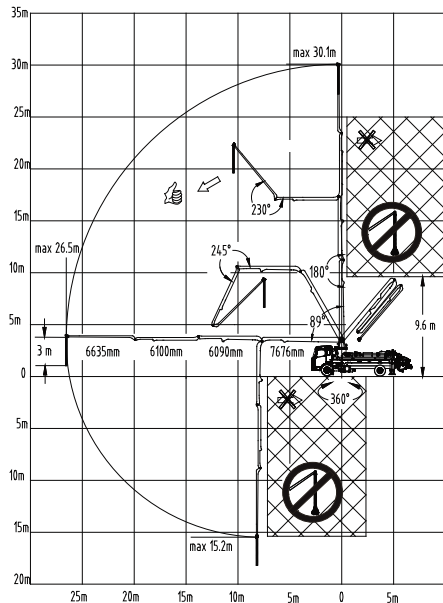
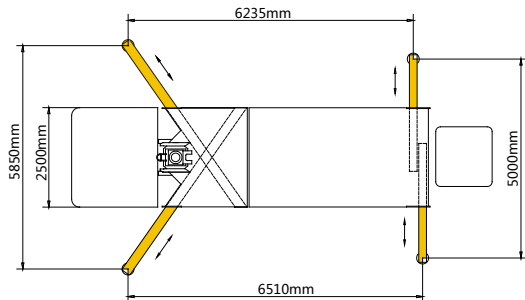
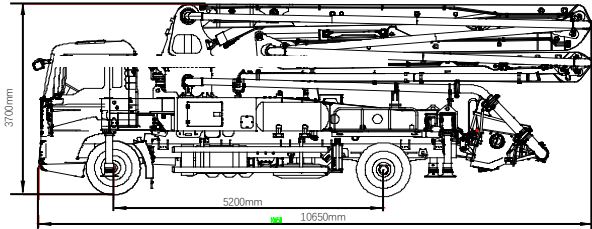
30m Concrete Pump Series

Model		SYM5180THBES 30C-8	
Overall Specification	Length		10690 mm
	Width		2500 mm
	Height		3760 mm
	Empty Weight		18000 kg
Boom & Outrigger Specification	Vertical Reach		30.1 m
	Horizontal Reach		26.5 m
	Reach Depth		15.2 m
	Min. Unfolded Reach		9.6 m
	1st Section	Length	7676 mm
		Articulation	89°
	2nd Section	Length	6090 mm
		Articulation	180°
	3rd Section	Length	6100 mm
		Articulation	245°
	4th Section	Length	6635 mm
		Articulation	230°
	Rotation		360°
	Front Outrigger Spread L-R		5850 mm
Rear Outrigger Spread L-R		5000 mm	
Pumping System Specification	Output		108 m³/h
	Pressure		6.6 MPa
	Max. Strokes Per Minute		25 times/min
	Delivery Cylinder Diameter		230 mm
	Stroke Length		1600 mm
	Hydraulic System		Open
	Hydraulic System Oil Pressure		32 MPa
	Hydraulic Tank Capacity		320 L
	Water Tank Capacity		300 L
	Pipe Diameter		125 mm
	End Hose Length		3 m
	End Hose Diameter		125 mm
Chassis Specification	Chassis Brand		SANY
	Chassis Model		SYM1180T1E
	Engine type		J08E-WY
	Engine maximum net power		194 kW / 2200 rpm
	Emission standard		China stage V
	Capacity of fuel tank		300 L
	Displacement		7.684 L
	Max. Speed		90 km/h



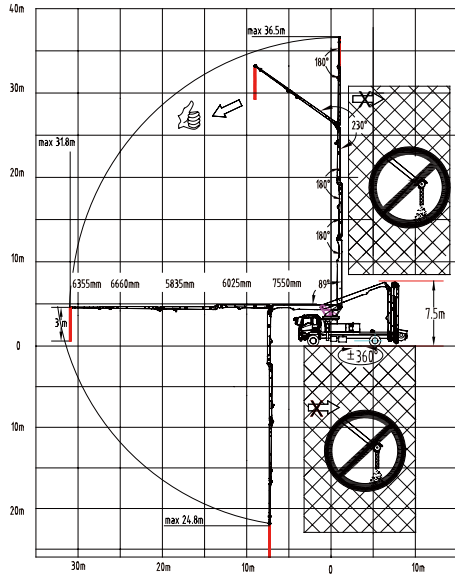
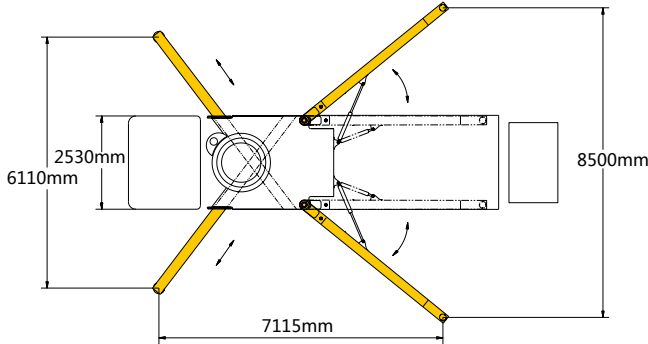
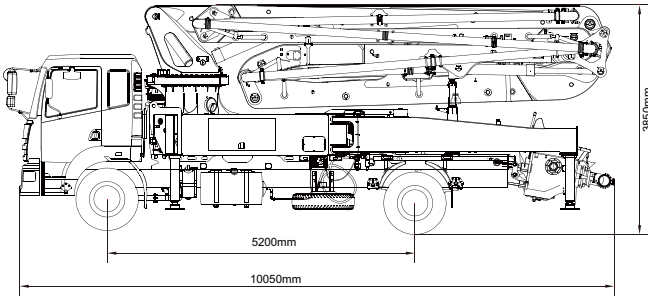
30m Concrete Pump Series

Model		SYG5191THBCZ 30C-8	SYG5191THBCZ 30C-8 (R)
Overall Specification	Length	10650 mm	10650 mm
	Width	2500 mm	2500 mm
	Height	3700 mm	3700 mm
	Empty Weight	19000 kg	19000 kg
Boom & Outrigger Specification	Vertical Reach		30.1 m
	Horizontal Reach		26.5 m
	Reach Depth		15.2 m
	Min. Unfolded Reach		9.6 m
	1st Section	Length	7676 mm
		Articulation	89°
	2nd Section	Length	6090 mm
		Articulation	180°
	3rd Section	Length	6100 mm
		Articulation	245°
	4th Section	Length	6635 mm
		Articulation	230°
	Rotation		360°
	Front Outrigger Spread L-R		5850 mm
	Rear Outrigger Spread L-R		5000 mm
Pumping System Specification	Output		108 m³/h
	Pressure		6.6 MPa
	Max. Strokes Per Minute		25 times/min
	Delivery Cylinder Diameter		230 mm
	Stroke Length		1600 mm
	Hydraulic System		Open
	Hydraulic System Oil Pressure		32 MPa
	Hydraulic Tank Capacity		320 L
	Water Tank Capacity		300 L
	Pipe Diameter		125 mm
	End Hose Length		3 m
	End Hose Diameter		125 mm
Chassis Specification	Chassis Brand		SINOTRUK
	Chassis Model		ZZ5207M521GC1
	Engine type		MC07.24-30
	Engine maximum net power		173 kW / 2300 rpm
	Emission standard		China stage III
	Capacity of fuel tank		300 L
	Displacement		6.87L
	Max. Speed		90 km/h



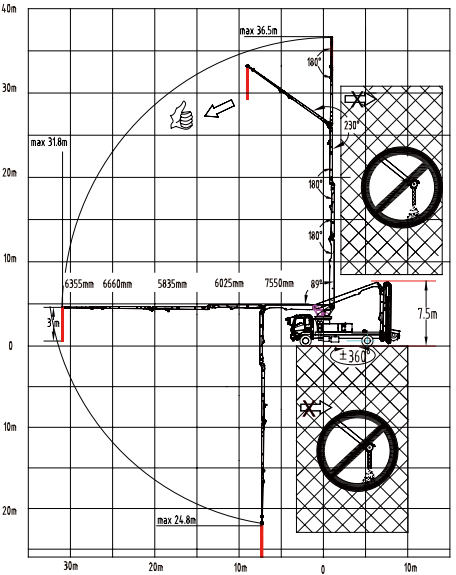
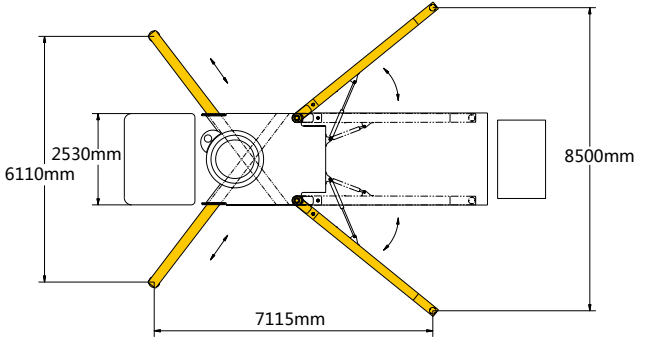
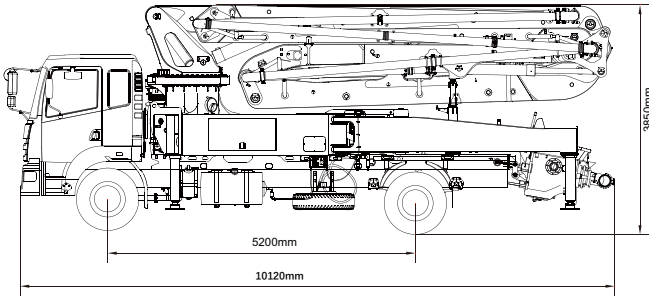
37m Concrete Pump Series

Model			SYM5230THB 370C-8
Overall Specification	Length		10050 mm
	Width		2530 mm
	Height		3850 mm
	Empty Weight		23000 kg
Boom & Outrigger Specification	Vertical Reach		36.5 m
	Horizontal Reach		31.8 m
	Reach Depth		24.8 m
	Min. Unfolded Reach		7.5 m
	1st Section	Length	7550 mm
		Articulation	89°
	2nd Section	Length	6025 mm
		Articulation	180°
	3rd Section	Length	5835 mm
		Articulation	180°
	4th Section	Length	6660 mm
		Articulation	230°
	5th Section	Length	6355 mm
		Articulation	180°
	Rotation		360°
	Front Outrigger Spread L-R		6110 mm
	Rear Outrigger Spread L-R		8500 mm
Pumping System Specification	Output	Low-Pressure	120 m³/h
		High-Pressure	70 m³/h
	Pressure	Low-Pressure	8 MPa
		High-Pressure	13 MPa
	Delivery Cylinder Diameter		230 mm
	Stroke Length		1600 mm
	Hydraulic System		Open
	Hydraulic System Pressure		32 MPa
	Hydraulic Tank Capacity		320 L
	Water Tank Capacity		700 L
	Pipe Diameter		125 mm
	End Hose Length		3 m
	End Hose Diameter		125 mm
Chassis Specification	Chassis Brand		SANY
	Chassis Model		SYM5230THB1E
	Engine Model		J08E-WY
	Engine Power		194 kW / 2200 rpm
	Emissions		China stage V
	Fuel Tank Capacity		300 L
	Displacement		7.684 L
	Max. Speed		85 km/h



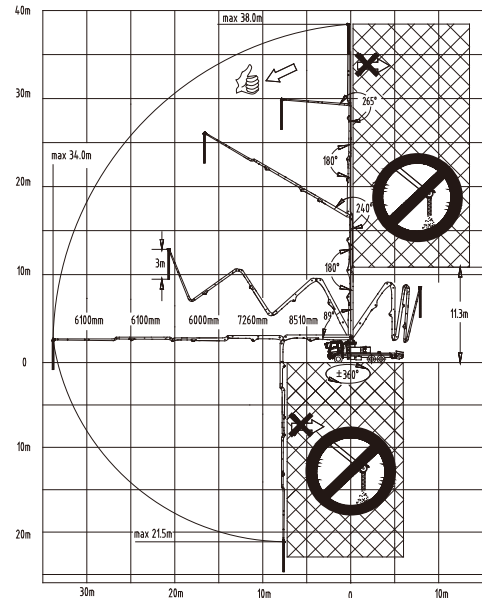
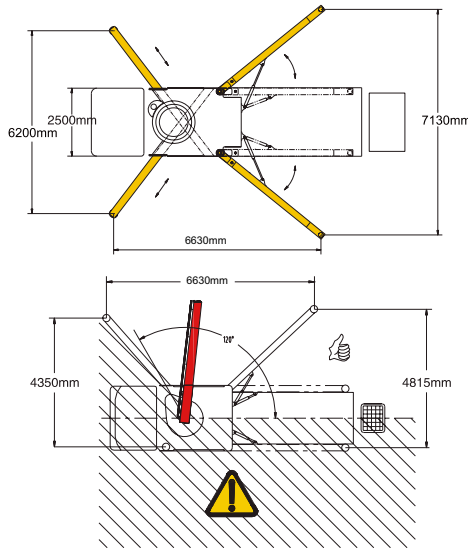
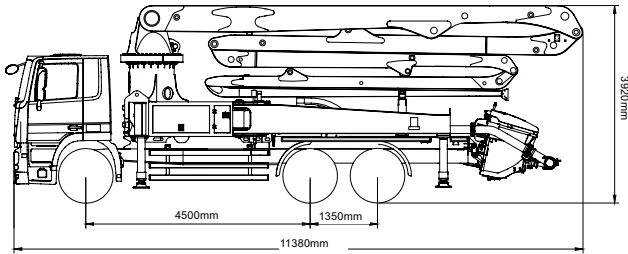
37m Concrete Pump Series

Model		SYG5231THBCZ 370C-8	SYG5231THBCZ 370C-8(R)
Overall Specification	Length	10120 mm	10120 mm
	Width	2530 mm	2530 mm
	Height	3850 mm	3850 mm
	Empty Weight	23000 kg	23000 kg
Boom & Outrigger Specification	Vertical Reach		36.5 m
	Horizontal Reach		31.8 m
	Reach Depth		24.8 m
	Min. Unfolded Reach		7.5 m
	1st Section	Length	7550 mm
		Articulation	89°
	2nd Section	Length	6025 mm
		Articulation	180°
	3rd Section	Length	5835 mm
		Articulation	180°
	4th Section	Length	6660 mm
		Articulation	230°
	5th Section	Length	6355 mm
		Articulation	180°
	Rotation		360°
	Front Outrigger Spread L-R		6110 mm
	Rear Outrigger Spread L-R		8500 mm
Pumping System Specification	Output	Low-Pressure	120 m³/h
		High-Pressure	70 m³/h
	Pressure	Low-Pressure	8 MPa
		High-Pressure	13 MPa
	Delivery Cylinder Diameter		230 mm
	Stroke Length		1600 mm
	Hydraulic System		Open
	Hydraulic System Pressure		32 MPa
	Hydraulic Tank Capacity		320 L
	Water Tank Capacity		700 L
Chassis Specification	Pipe Diameter		125 mm
	End Hose Length		3 m
	End Hose Diameter		125 mm
	Chassis Brand		SINOTRUK
	Chassis Model		ZZ5235N5213C1
	Engine Model		MC07.31-30
	Engine Power		225 kW/2300 rpm
	Emissions		China stage III
	Fuel Tank Capacity		300 L
	Displacement		6.87 L
	Max. Speed		90 km/h



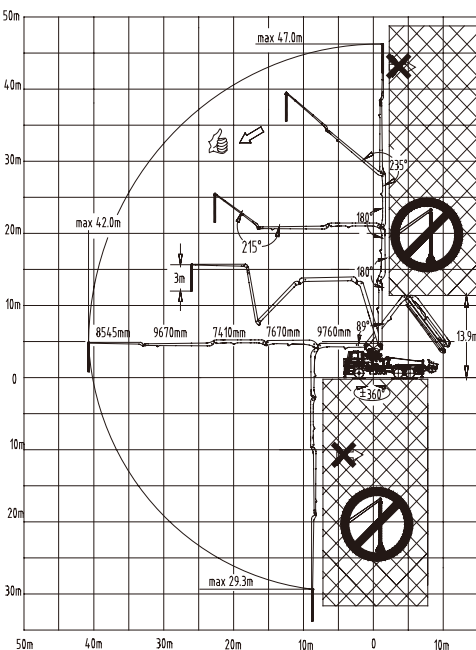
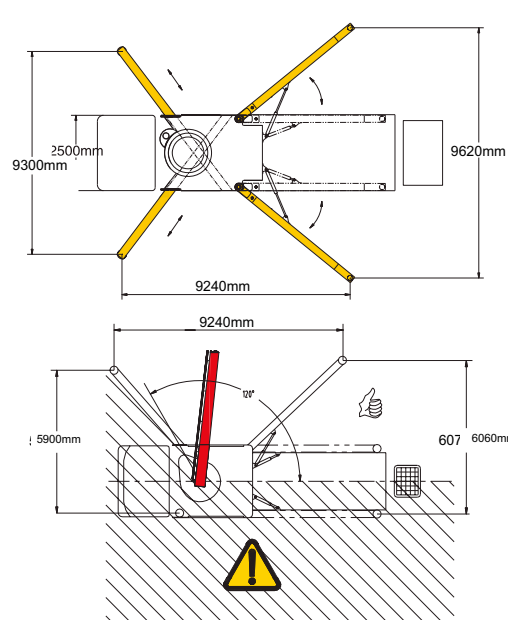
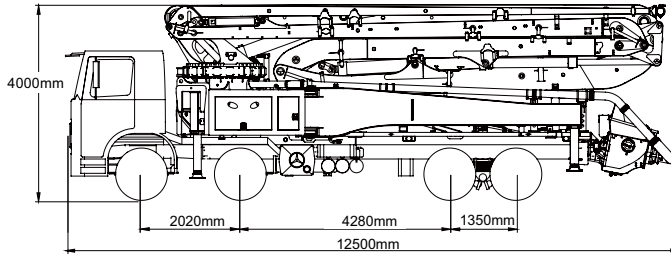
38m Concrete Pump Series

Model		SY5282THB 380C-8	SYG5283THB 380C-8	SYG5283THB 380C-8(R)
Overall Specification	Length	11380 mm	11510 mm	11510 mm
	Width	2500 mm	2500 mm	2500 mm
	Height	3920 mm	4000 mm	4000 mm
	Empty Weight	28800 kg	27800 kg	27800 kg
Boom & Outrigger Specification	Vertical Reach		38 m	38 m
	Horizontal Reach		34 m	34 m
	Reach Depth		21.5 m	21.5 m
	Min. Unfolded Reach		11.3 m	11.3 m
	1st Section	Length	8510 mm	8510 mm
		Articulation	89°	89°
	2nd Section	Length	7260 mm	7260 mm
		Articulation	180°	180°
	3rd Section	Length	6000 mm	6000 mm
		Articulation	240°	240°
	4th Section	Length	6100 mm	6100 mm
		Articulation	180°	180°
	5th Section	Length	6100 mm	6100 mm
		Articulation	265°	265°
	Rotation		360°	360°
	Front Outrigger Spread L-R		6200 mm	6200
	Rear Outrigger Spread L-R		7130 mm	7130 mm
Pumping System Specification	Output	Low-Pressure	170 m³/h	170 m³/h
		High-Pressure	120 m³/h	120 m³/h
	Pressure	Low-Pressure	8.3 MPa	8.3 MPa
		High-Pressure	12 MPa	12 MPa
	Max. Strokes per Minute	Low-Pressure	29 times/min	29 times/min
		High-Pressure	19 times/min	19 times/min
	Delivery Cylinder Diameter		260 mm	260 mm
	Stroke Length		1900 mm	1900 mm
	Hydraulic System		Open	Open
	Hydraulic System Pressure		32 MPa	32 MPa
	Hydraulic Tank Capacity		640 L	640 L
	Water Tank Capacity		600 L	600 L
Chassis Specification	Chassis Brand		BENZ	SINOTRUCK
	Chassis Model		Actros 3341	ZZ5356V464MC2
	Engine type		OM501LA. III /17	MC11.39-30
	Engine maximum net power		300 kW / 1800 rpm	287 kW / 1900 rpm
	Emission standard		Euro III	China stage III
	Capacity of fuel tank		400 L	400 L
	Displacement		11.946 L	10.518 L
	Max. Speed		80 km/h	80 km/h



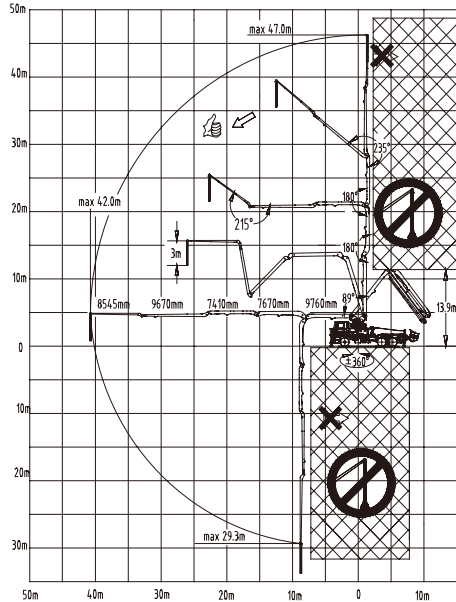
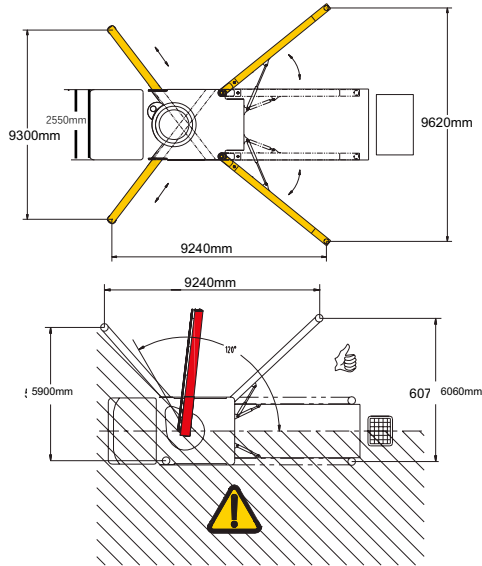
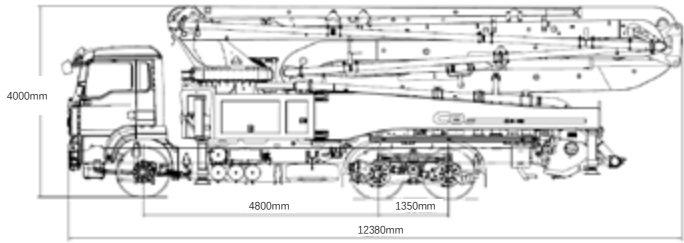
47m Concrete Pump Series

Model			SYG5360THB 470C-8D
Overall Specification	Length		12500 mm
	Width		2500 mm
	Height		4000 mm
	Empty Weight		36450 kg
Boom & Outrigger Specification	Vertical Reach		47 m
	Horizontal Reach		42 m
	Reach Depth		29.3 m
	Min. Unfolded Reach		13.9 m
	1st Section	Length	9760 mm
		Articulation	89°
	2nd Section	Length	7670 mm
		Articulation	180°
	3rd Section	Length	7410 mm
		Articulation	180°
	4th Section	Length	9670 mm
		Articulation	235°
	5th Section	Length	8545 mm
		Articulation	215°
	Rotation		360°
	Front Outrigger Spread L-R		9300 mm
	Rear Outrigger Spread L-R		9620 mm
Pumping System Specification	Output	Low-Pressure	170 m³/h
		High-Pressure	120 m³/h
	Pressure	Low-Pressure	8.3 MPa
		High-Pressure	12 MPa
	Max. Strokes per Minute	Low-Pressure	29 times/min
		High-Pressure	19 times/min
	Delivery Cylinder Diameter		260 mm
	Stroke Length		1900 mm
	Hydraulic System		Open
	Hydraulic System Oil Pressure		32 MPa
	Hydraulic Tank Capacity		680 L
	Water Tank Capacity		620 L
	Pipe Diameter		125 mm
	End Hose Length		3m
End Hose Diameter		125 mm	
Chassis Specification	Chassis Brand		BENZ
	Chassis Model		Actros 4141
	Engine type		OM501LA. III /17
	Engine maximum net power		300kW / 1800rpm
	Emission standard		Euro III
	Capacity of fuel tank		400 L
	Displacement		11.946 L
	Max. Speed		80 km/h



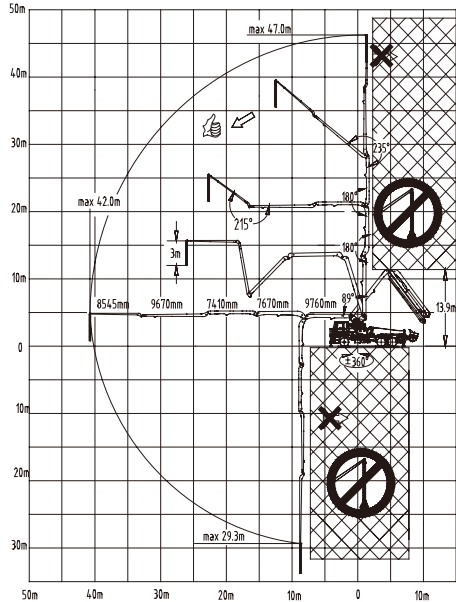
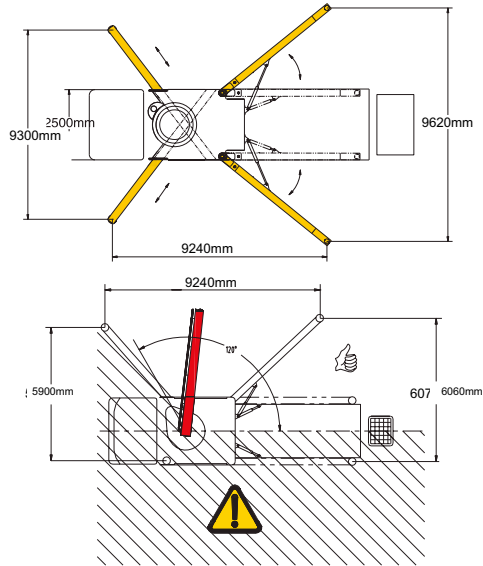
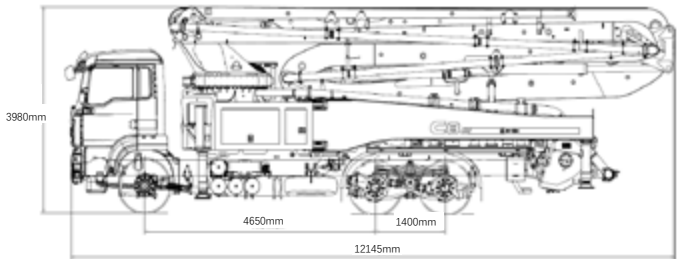
47m Concrete Pump Series

Model		SYM5340THB 470C-8
Overall Specification	Length	12380 mm
	Width	2550 mm
	Height	4000 mm
	Empty Weight	34000 kg
Boom & Outrigger Specification	Vertical Reach	47 m
	Horizontal Reach	42 m
	Reach Depth	29.3 m
	Min. Unfolded Reach	13.9 m
	1st Section	Length 9760 mm
		Articulation 89°
	2nd Section	Length 7670 mm
		Articulation 180°
	3rd Section	Length 7410 mm
		Articulation 180°
	4th Section	Length 9670 mm
		Articulation 235°
	5th Section	Length 8545 mm
		Articulation 215°
	Rotation	±360 °
	Front Outrigger Spread L-R	9300 mm
	Rear Outrigger Spread L-R	9620 mm
Pumping System Specification	Output	Low-Pressure 170 m³/h
		High-Pressure 120 m³/h
	Pressure	Low-Pressure 8.3 MPa
		High-Pressure 12 MPa
	Max. Strokes per Minute	Low-Pressure 29 times/min
		High-Pressure 19 times/min
	Delivery Cylinder Diameter	260 mm
	Stroke Length	1900 mm
	Hydraulic System	Open
	Hydraulic System Oil Pressure	32 MPa
Chassis Specification	Chassis Brand SANY	
	Chassis Model SYM5350THB1E	
	Engine type D12C5-490E0	
	Engine maximum net power 348 kW/1900 rpm	
	Emission standard China stage V	
	Capacity of fuel tank 400 L	
	Displacement 12.12 L	
	Max. Speed 90 km/h	



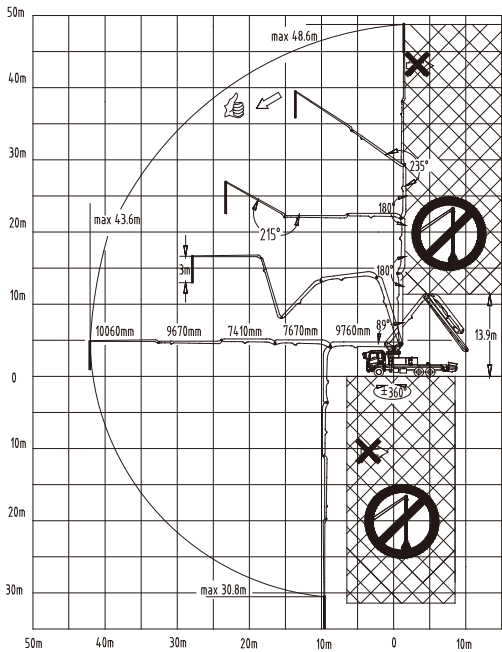
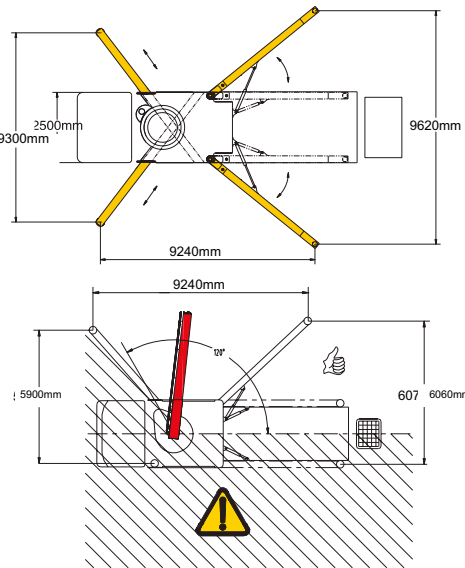
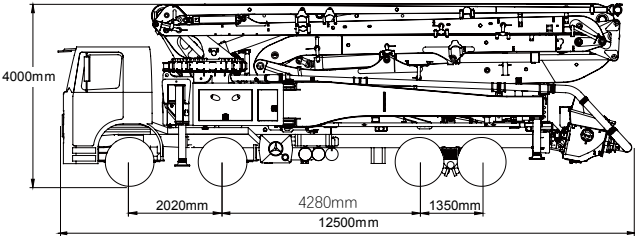
47m Concrete Pump Series

Model		SYG5330THBCZ 470C-8
Overall Specification	Length	12145 mm
	Width	2500 mm
	Height	3980 mm
	Empty Weight	33000 mm
Boom & Outrigger Specification	Vertical Reach	47 m
	Horizontal Reach	42 m
	Reach Depth	29.3 m
	Min. Unfolded Reach	13.9 m
	1st Section	Length 9760 mm
		Articulation 89°
	2nd Section	Length 7670 mm
		Articulation 180°
	3rd Section	Length 7410 mm
		Articulation 180°
	4th Section	Length 9670 mm
		Articulation 235°
	5th Section	Length 8545 mm
		Articulation 215°
	Rotation	±360°
	Front Outrigger Spread L-R	9300 mm
	Rear Outrigger Spread L-R	9620 mm
Pumping System Specification	Output	Low-Pressure 170 m³/h
		High-Pressure 120 m³/h
	Pressure	Low-Pressure 8.3 MPa
		High-Pressure 12 MPa
	Max. Strokes per Minute	Low-Pressure 29 times/min
		High-Pressure 19 times/min
	Delivery Cylinder Diameter	260 mm
	Stroke Length	1900 mm
	Hydraulic System	Open
	Hydraulic System Oil Pressure	32 MPa
Chassis Specification	Chassis Brand SINOTRUK	
	Chassis Model ZZ5356V464MC2	
	Engine type MC11.39-30	
	Engine maximum net power 287 kW/1900rpm	
	Emission standard China stage III	
	Capacity of fuel tank 400 L	
	Displacement 10.518 L	
	Max. Speed 90 km/h	



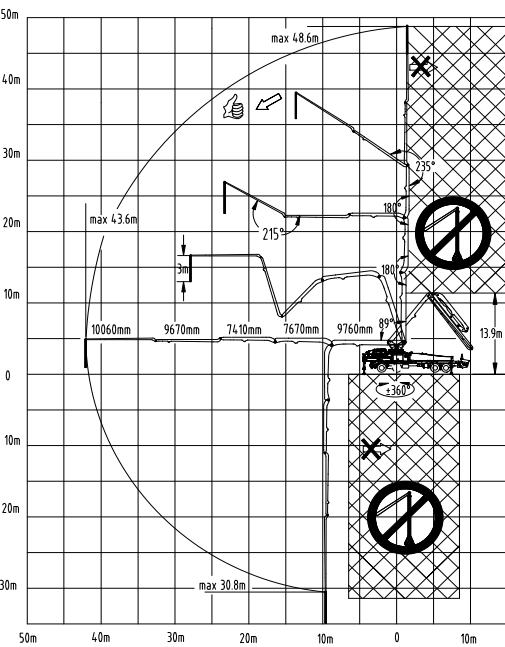
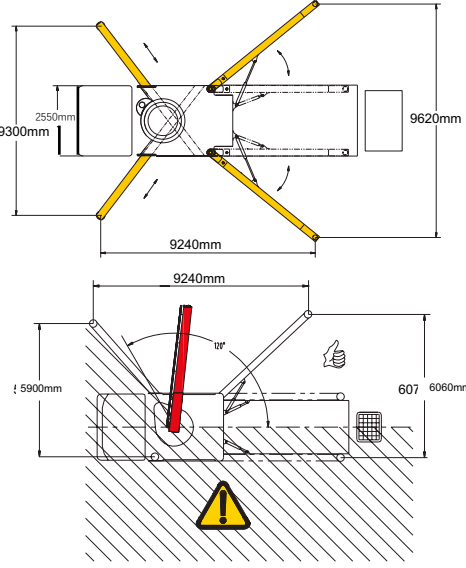
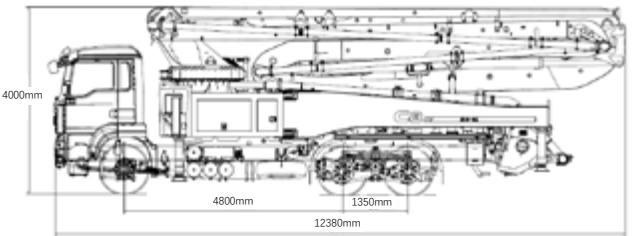
49m Concrete Pump Series

Model			SYG5360THB 490C-8D
Overall Specification	Length		12500 mm
	Width		2500 mm
	Height		4000 mm
	Empty Weight		36450 mm
Boom & Outrigger Specification	Vertical Reach		48.6 m
	Horizontal Reach		43.6 m
	Reach Depth		30.8 m
	Min. Unfolded Reach		13.9 m
	1st Section	Length	9760 mm
		Articulation	89°
	2nd Section	Length	7670 mm
		Articulation	180°
	3rd Section	Length	7410 mm
		Articulation	180°
	4th Section	Length	9670 mm
		Articulation	235°
	5th Section	Length	10060 mm
		Articulation	215°
	Rotation		±360°
	Front Outrigger Spread L-R		9300 mm
	Rear Outrigger Spread L-R		9620 mm
Pumping System Specification	Output	Low-Pressure	170 m³/h
		High-Pressure	120 m³/h
	Pressure	Low-Pressure	8.3 MPa
		High-Pressure	12 MPa
	Max. Strokes per Minute	Low-Pressure	29 times/min
		High-Pressure	19 times/min
	Delivery Cylinder Diameter		260 mm
	Stroke Length		1900 mm
	Hydraulic System		Open
	Hydraulic System Oil Pressure		32 MPa
	Hydraulic Tank Capacity		680 L
	Water Tank Capacity		620 L
	Pipe Diameter		125 mm
	End Hose Length		3 m
	End Hose Diameter		125 mm
Chassis Specification	Chassis Brand		BENZ
	Chassis Model		Actros 4141
	Engine type		OM501LA.III/17
	Engine maximum net power		300 kW/1800 rpm
	Emission standard		Euro III
	Capacity of fuel tank		400 L
	Displacement		11.946 L
	Max. Speed		80 km/h



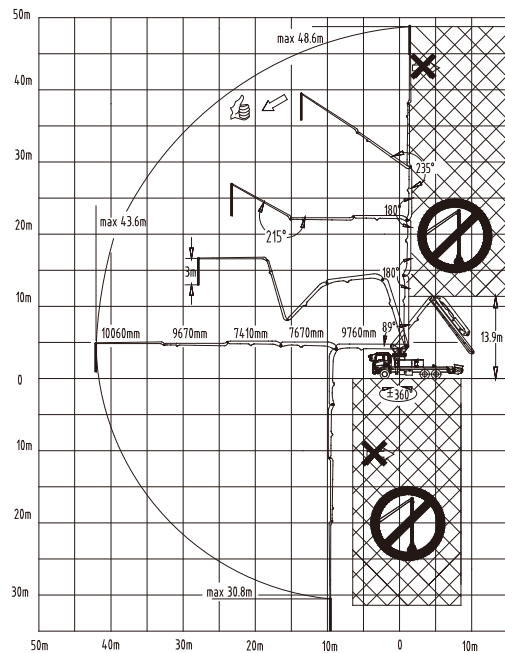
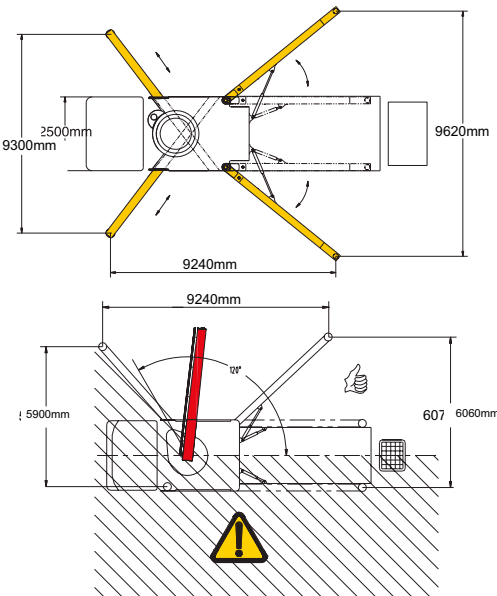
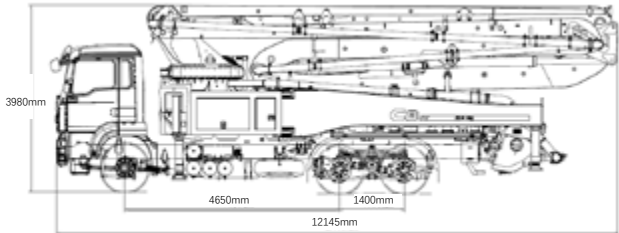
49m Concrete Pump Series

Model			SYM5340THB 490C-8	
Overall Specification	Length		12380 mm	
	Width		2550 mm	
	Height		4000 mm	
	Empty Weight		34000 kg	
Boom & Outrigger Specification	Vertical Reach		48.6 m	
	Horizontal Reach		43.6 m	
	Reach Depth		30.8 m	
	Min. Unfolded Reach		13.9 m	
	1st Section	Length	9760 mm	
		Articulation	89°	
	2nd Section	Length	7670 mm	
		Articulation	180°	
	3rd Section	Length	7410 mm	
		Articulation	180°	
	4th Section	Length	9670 mm	
		Articulation	235°	
	5th Section	Length	10060 mm	
		Articulation	215°	
	Rotation		360°	
	Front Outrigger Spread L-R		9300 mm	
	Rear Outrigger Spread L-R		9620 mm	
Pumping System Specification	Output	Low-Pressure	170 m³/h	
		High-Pressure	120 m³/h	
	Pressure	Low-Pressure	8.3 MPa	
		High-Pressure	12 MPa	
	Max. Strokes per Minute	Low-Pressure	29 times/min	
		High-Pressure	19 times/min	
	Delivery Cylinder Diameter		260 mm	
	Stroke Length		1900 mm	
	Hydraulic System		Open	
	Hydraulic System Oil Pressure		32 MPa	
	Hydraulic Tank Capacity		680 L	
	Water Tank Capacity		620 L	
	Pipe Diameter		125 mm	
	End Hose Length		3 m	
	End Hose Diameter		125 mm	
	Chassis Specification	Chassis Brand		SANY
		Chassis Model		SYM5350THB1E
Engine type		D12C5-490E0		
Engine Power		348kW / 1900rpm		
Emissions		China stage V		
Fuel Tank Capacity		400 L		
Displacement		12.12 L		
Max. Speed		90 km/h		



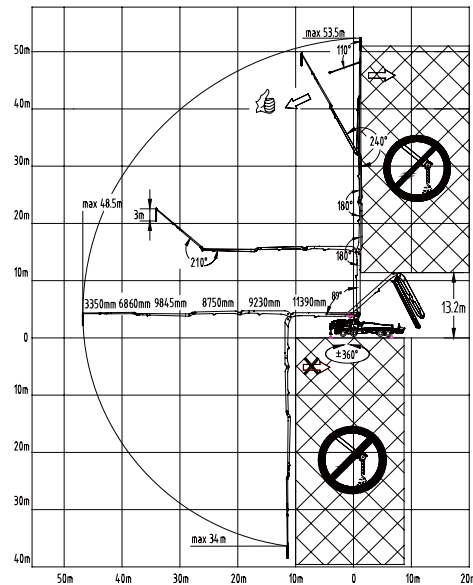
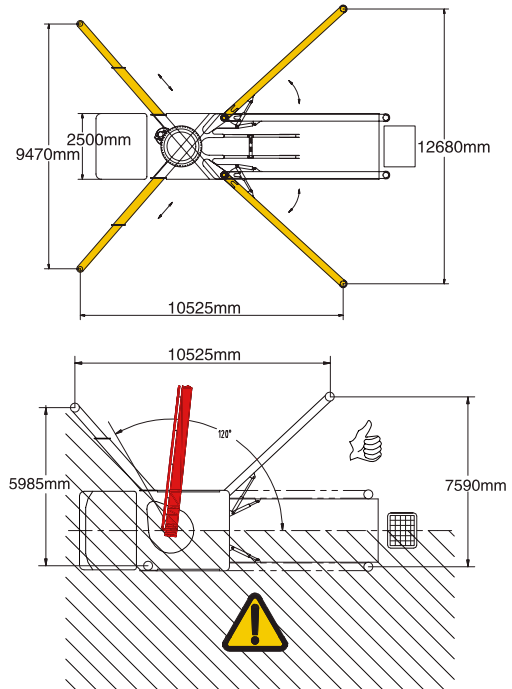
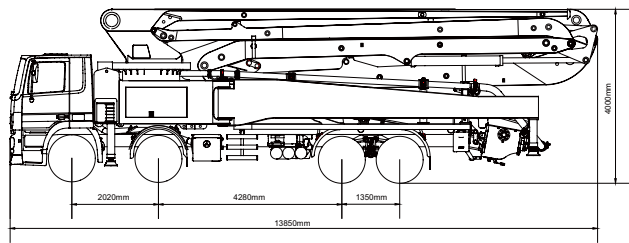
49m Concrete Pump Series

Model			SYM5330THBCZ 490C-8
Overall Specification	Length		12145 mm
	Width		2500 mm
	Height		3980 mm
	Empty Weight		33000 kg
Boom & Outrigger Specification	Vertical Reach		48.6 m
	Horizontal Reach		43.6 m
	Reach Depth		30.8 m
	Min. Unfolded Reach		13.9 m
	1st Section	Length	9760 mm
		Articulation	89°
	2nd Section	Length	7670 mm
		Articulation	180°
	3rd Section	Length	7410 mm
		Articulation	180°
	4th Section	Length	9670 mm
		Articulation	235°
	5th Section	Length	10060 mm
		Articulation	215°
	Rotation		360°
	Front Outrigger Spread L-R		9300 mm
	Rear Outrigger Spread L-R		9620 mm
Pumping System Specification	Output	Low-Pressure	170 m³/h
		High-Pressure	120 m³/h
	Pressure	Low-Pressure	8.3 MPa
		High-Pressure	12 MPa
	Max. Strokes per Minute	Low-Pressure	29 times/min
		High-Pressure	19 times/min
	Delivery Cylinder Diameter		260 mm
	Stroke Length		1900 mm
	Hydraulic System		Open
	Hydraulic System Oil Pressure		32 MPa
	Hydraulic Tank Capacity		680 L
	Water Tank Capacity		620 L
Chassis Specification	Pipe Diameter		125 mm
	End Hose Length		3 m
	End Hose Diameter		125 mm
Chassis Specification	Chassis Brand		SINOTRUK
	Chassis Model		ZZ5356V464MC2
	Engine type		MC11.39-30
	Engine Power		287kW / 1900rpm
	Emissions		China stage III
	Fuel Tank Capacity		400 L
	Displacement		10.518 L
	Max. Speed		90 km/h



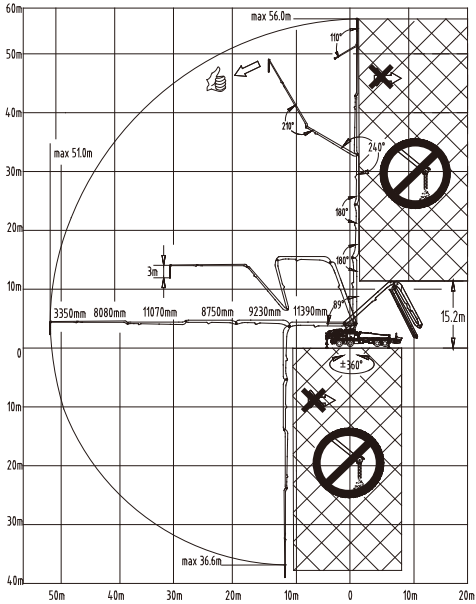
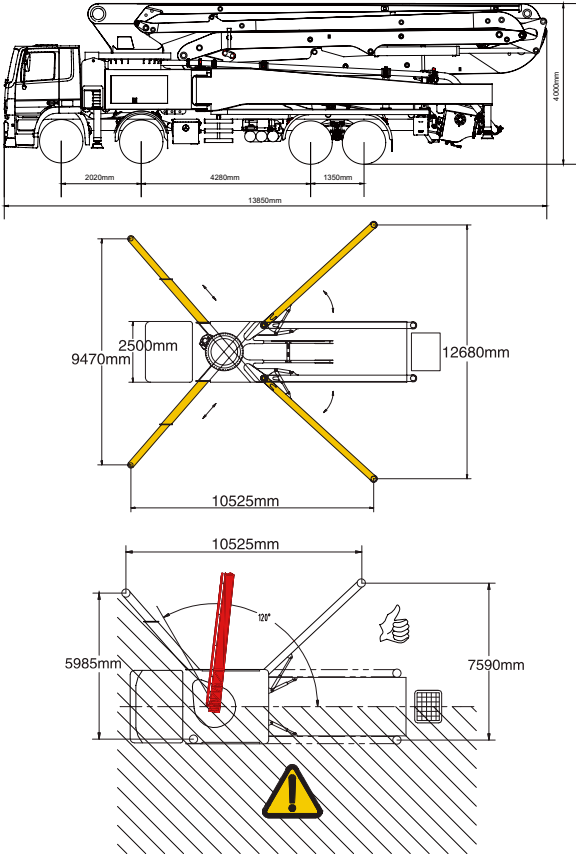
53m Concrete Pump Series

Model			SY5423THB 530C-8D
Overall Specification	Length		13850 mm
	Width		2500 mm
	Height		4000 mm
	Empty Weight		42490 kg
Boom & Outrigger Specification	Vertical Reach		53.5 m
	Horizontal Reach		48.5 m
	Reach Depth		34 m
	Min. Unfolded Reach		13.2 m
	1st Section	Length	11390 mm
		Articulation	89°
	2nd Section	Length	9230 mm
		Articulation	180°
	3rd Section	Length	8750 mm
		Articulation	180°
	4th Section	Length	9845 mm
		Articulation	240°
	5th Section	Length	6860 mm
		Articulation	210°
	6th Section	Length	3350 mm
		Articulation	110°
	Rotation		±360°
	Front Outrigger Spread L-R		9470 mm
	Rear Outrigger Spread L-R		12680 mm
Pumping System Specification	Output	Low-Pressure	180 m³/h
		High-Pressure	125 m³/h
	Pressure	Low-Pressure	8.3 MPa
		High-Pressure	12 MPa
	Max. Strokes per Minute	Low-Pressure	29 times/min
		High-Pressure	19 times/min
	Delivery Cylinder Diameter		260 mm
	Stroke Length		2100 mm
	Hydraulic System		Open
	Hydraulic System Pressure		32 MPa
	Hydraulic Tank Capacity		680 L
	Water Tank Capacity		620 L
Chassis Specification	Pipe Diameter		125 mm
	End Hose Length		3 m
	End Hose Diameter		125 mm
Chassis Specification	Chassis Brand		BENZ
	Chassis Model		Actros 4141
	Engine type		OM501LA. III /17
	Engine maximum net power		300kW / 1800rpm
	Emission standard		Euro III
	Capacity of fuel tank		400 L
	Displacement		11.946 L
	Max. Speed		80 km/h



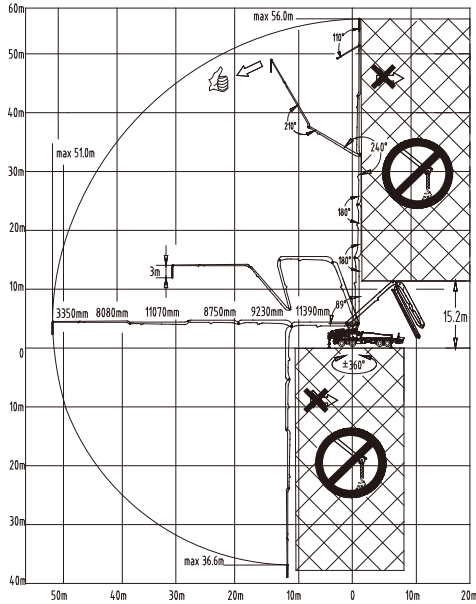
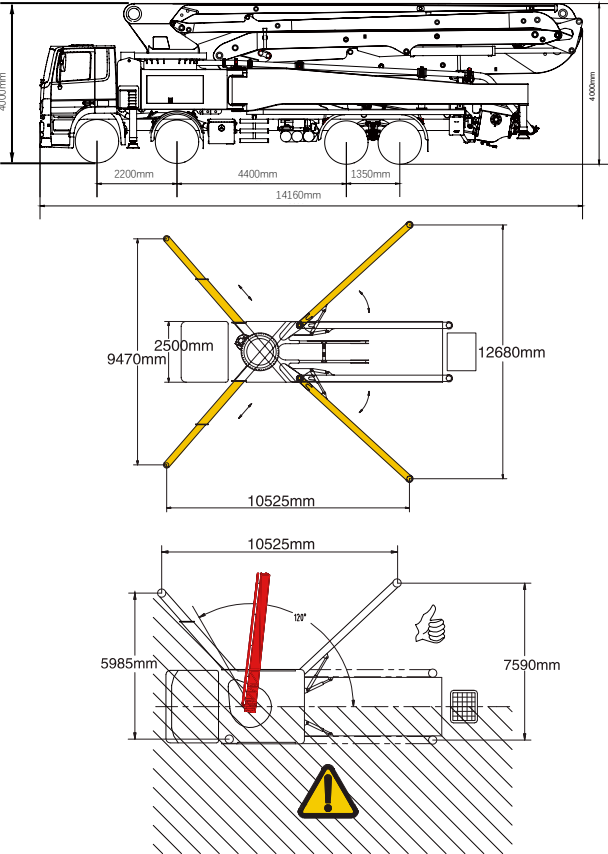
56m Concrete Pump Series

Model			SY5423THB 560C-8D
Overall Specification	Length		13850 mm
	Width		2500 mm
	Height		4000 mm
	Empty Weight		42490 kg
Boom & Outrigger Specification	Vertical Reach		56 m
	Horizontal Reach		51 m
	Reach Depth		36.6 m
	Min. Unfolded Reach		15.2 m
	1st Section	Length	11390 mm
		Articulation	89°
	2nd Section	Length	9230 mm
		Articulation	180°
	3rd Section	Length	8750 mm
		Articulation	180°
	4th Section	Length	11070 mm
		Articulation	240°
	5th Section	Length	8080 mm
		Articulation	210°
	6th Section	Length	3350 mm
		Articulation	110°
	Rotation		360°
	Front Outrigger Spread L-R		9470 mm
	Rear Outrigger Spread L-R		12680 mm
	Pumping System Specification	Output	Low-Pressure
High-Pressure			125 m³/h
Pressure		Low-Pressure	8.3 MPa
		High-Pressure	12 MPa
Max. Strokes per Minute		Low-Pressure	29 times/min
		High-Pressure	19 times/min
Delivery Cylinder Diameter		260 mm	
Stroke Length		2100 mm	
Hydraulic System		Open	
Hydraulic System Oil Pressure		32 MPa	
Hydraulic Tank Capacity		680 L	
Water Tank Capacity		620 L	
Pipe Diameter		125 mm	
End Hose Length		3	
End Hose Diameter		125 mm	
Chassis Specification	Chassis Brand		BENZ
	Chassis Model		Actros 4141
	Engine Model		OM501LA. III /17
	Engine Power		300kW / 1800rpm
	Emissions		Euro III
	Fuel Tank Capacity		400 L
	Displacement		11.946 L
	Max. Speed		80 km/h



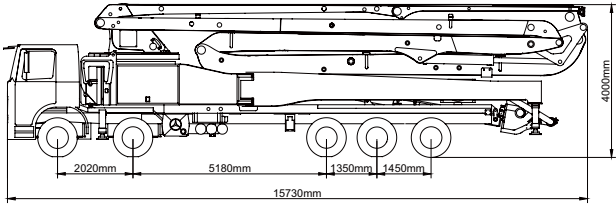
56m Concrete Pump Series

Model			SYG5445THB 560-8A
Overall Specification	Length		14160 mm
	Width		2550 mm
	Height		4000 mm
	Empty Weight		44000 kg
Boom & Outrigger Specification	Vertical Reach		56 m
	Horizontal Reach		51 m
	Reach Depth		36.6 m
	Min. Unfolded Reach		15.2 m
	1st Section	Length	11390 mm
		Articulation	89°
	2nd Section	Length	9230 mm
		Articulation	180°
	3rd Section	Length	8750 mm
		Articulation	180°
	4th Section	Length	11070 mm
		Articulation	240°
	5th Section	Length	8080 mm
		Articulation	210°
	6th Section	Length	3350 mm
		Articulation	110°
	Rotation		360°
	Front Outrigger Spread L-R		9470 mm
	Rear Outrigger Spread L-R		12680 mm
Pumping System Specification	Output	Low-Pressure	180 m³/h
		High-Pressure	125 m³/h
	Pressure	Low-Pressure	8.3 MPa
		High-Pressure	12 MPa
	Max. Strokes per Minute	Low-Pressure	29 times/min
		High-Pressure	19 times/min
	Delivery Cylinder Diameter		260 mm
	Stroke Length		2100 mm
	Hydraulic System		Open
	Hydraulic System Oil Pressure		32 MPa
	Hydraulic Tank Capacity		680 L
	Water Tank Capacity		620 L
	Pipe Diameter		125 mm
	End Hose Length		3
	End Hose Diameter		125 mm
Chassis Specification	Chassis Brand		SANY
	Chassis Model		SYM5440THB1E
	Engine Model		D12C5-490E0
	Engine Power		348kW / 1900rpm
	Emissions		China stage V
	Fuel Tank Capacity		400 L
	Displacement		12.12 L
	Max. Speed		90 km/h

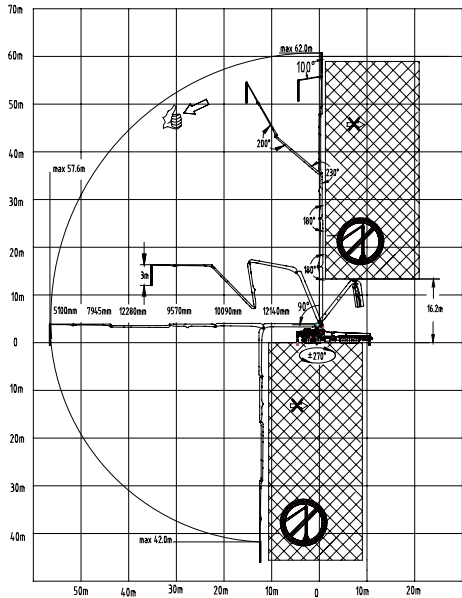
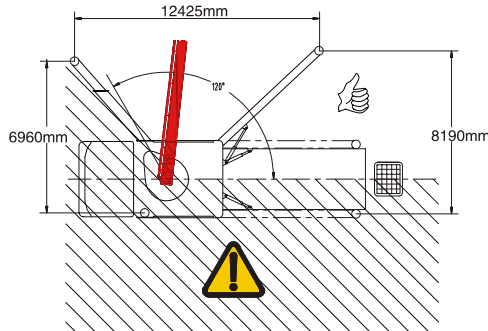
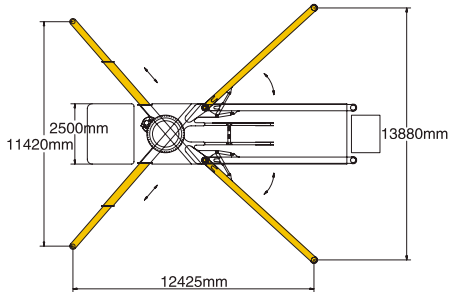


62m Concrete Pump Series

Model		SY5530THB 620C-8D	SYG5532THB 620C-8D
Overall Specification	Length	15730 mm	15810 mm
	Width	2500 mm	2500 mm
	Height	4000 mm	4000 mm
	Empty Weight	53000 kg	54000 kg
Boom & Outrigger Specification	Vertical Reach		62 m
	Horizontal Reach		57.6 m
	Reach Depth		42 m
	Min. Unfolded Reach		16.2 m
	1st Section	Length	12140 mm
		Articulation	90°
	2nd Section	Length	10090 mm
		Articulation	180°
	3rd Section	Length	9570 mm
		Articulation	180°
	4th Section	Length	12280 mm
		Articulation	230°
	5th Section	Length	7945 mm
		Articulation	200°
	6th Section	Length	5100 mm
		Articulation	100°
	Rotation		270°
	Front Outrigger Spread L-R		11420 mm
	Rearj Outrigger Spread L-R		13880 mm
Pumping System Specification	Output	Low-Pressure	180 m³/h
		High-Pressure	125 m³/h
	Pressure	Low-Pressure	8.3 MPa
		High-Pressure	12 MPa
	Max. Strokes per Minute	Low-Pressure	29 times/min
		High-Pressure	19 times/min
	Delivery Cylinder Diameter		260 mm
	Stroke Length		2100 mm
	Hydraulic System		Open
	Hydraulic System Oil Pressure		32 MPa
	Hydraulic Tank Capacity		650 L
	Water Tank Capacity		700 L
Chassis Specification	Pipe Diameter		125 mm
	End Hose Length		3 m
	End Hose Diameter		125 mm
	Chassis Brand		BENZ
	Chassis Model		ACTROS 5046
	Engine Model		OM501LA.IV/5
	Engine Power		335kW / 1800rpm
	Emissions		Euro IV (Euro III adjustable)
	Fuel Tank Capacity		400 L
	Displacement		11.946 L
	Max. Speed		85 km/h



The External Dimension Diagram Based on Benz Chassis



66m Concrete Pump Series

Model			SY5631THB 66A(6)
Overall Specification	Length		17560 mm
	Width		2500 mm
	Height		4000 mm
	Empty Weight		63000 kg
Boom & Outrigger Specification	Vertical Reach		66 m
	Horizontal Reach		62 m
	Reach Depth		44.6 m
	Min. Unfolded Reach		34 m
	1st Section	Length	13400 mm
		Articulation	90°
	2nd Section	Length	11000 mm
		Articulation	180°
	3rd Section	Length	10900 mm
		Articulation	180°
	4th Section	Length	13100 mm
		Articulation	260°
	5th Section	Length	8155 mm
		Articulation	180°
	6th Section	Length	5460 mm
		Articulation	90°
	Rotation		±360°
	Front Outrigger Spread L-R		13750 mm
	Rear Outrigger Spread L-R		14870 mm
Pumping System Specification	Output	Low-Pressure	170 m³/h
		High-Pressure	120 m³/h
	Pressure	Low-Pressure	8.5 MPa
		High-Pressure	12 MPa
	Max. Strokes per Minute	Low-Pressure	24.5 times/min
		High-Pressure	17 times/min
	Delivery Cylinder Diameter		260 mm
	Stroke Length		2200 mm
	Hydraulic System		Open
	Hydraulic System Pressure		32 MPa
	Hydraulic Tank Capacity		650 L
	Water Tank Capacity		900L
	Pipe Diameter		125 mm
	End Hose Length		3 m
	End Hose Diameter		125 mm
Chassis Specification	Chassis Brand		BENZ
	Chassis Model		Actros 6555
	Engine Model		OM502LA IV /2
	Engine Power		405kW / 1800rpm
	Emissions		Euro IV (Euro III adjustable)
	Fuel Tank Capacity		400 L
	Displacement		15.928 L
	Max. Speed		80 km/h

