

C SERIES CONCRETE
MIXER TRUCK



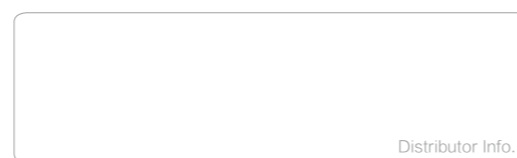
C SERIES CONCRETE MIXER TRUCK



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Distributor Info.

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

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C8

CONCRETE MIXER TRUCK



C8

C8 CONCRETE MIXER TRUCK CONTINUE THE CLASSIC

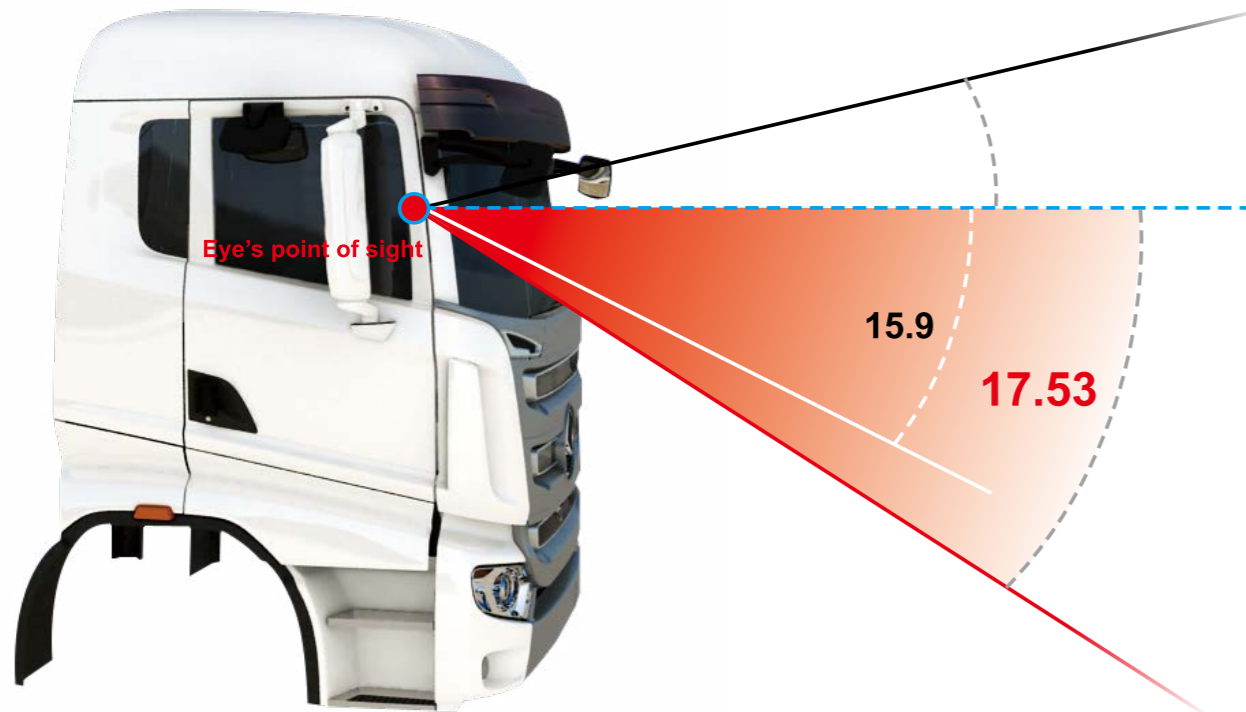


0 | SPECIALISED CAB

◆ Safe and Secure

The specially designed cab is made using the newest robotic welding techniques and complies with the strictest front collision and top pressure regulations.

The instrument panel, mirror placement and overall design contribute to a field of view unparalleled in the industry.



◆ Built for the Driver

The four point shock absorbing mounting, double layer door sealing, and noise reduction technology built into the cab improve the comfortability and reduce driver fatigue during working hours on the job. The interior trim of red and black exudes a sports car feeling to reduce visual monotony. Bluetooth technology with steering wheel controls allows hands free use of mobile devices (where permitted) to maintain contact with coworkers.



◆ Convenient ACCESS Maintenance

The cab tilts forward to allow easy access to engine and transmission for maintenance. The front mounted air conditioning components allows for ease of maintenance and repair, saving time and money.

◆ Attractive Styling

European/American Styling
The modern European/American styling of the cab accents gives a car like feel. The trim, instrument panel, and seats are of high quality materials.



◆ Panoramic Monitoring (Optional)

Panoramic security monitoring system, add reversing image, right turn image, blind area radar, reversing turn language alarm.



Radar location



Monitoring camera



Display monitors

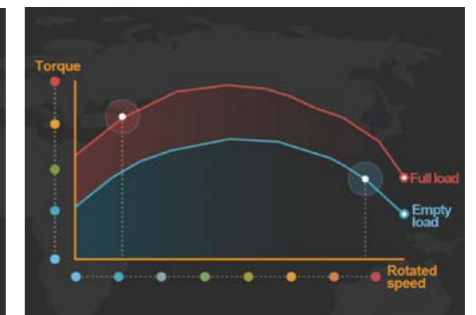
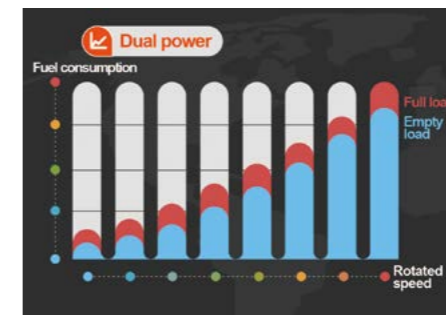
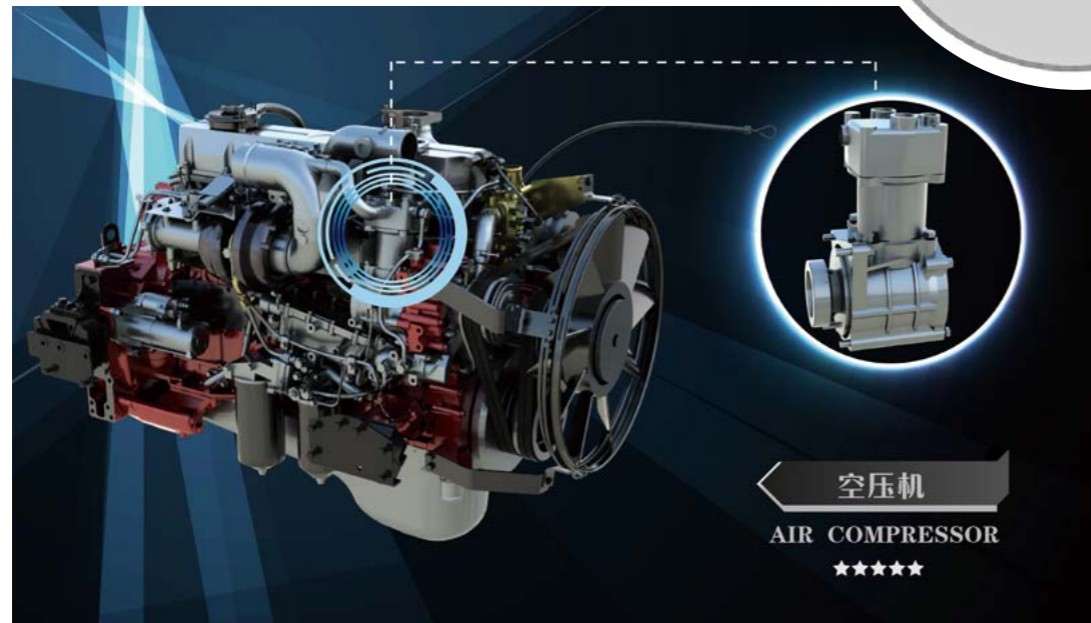
02 IMPROVED BRAKING

By making full use of exhaust valve braking technology, braking distance has been reduced by 15% and brake lining wear is decreased by 50%. Sany uses a high volume air compressor, high quality piping, and new sealing technology that shortens air build up time and brake response time.



03 ENERGY-SAVING TECHNOLOGY

The engine dual power mode, coupled with the unique intelligent transmission's power matching technology makes a 10% fuel savings.



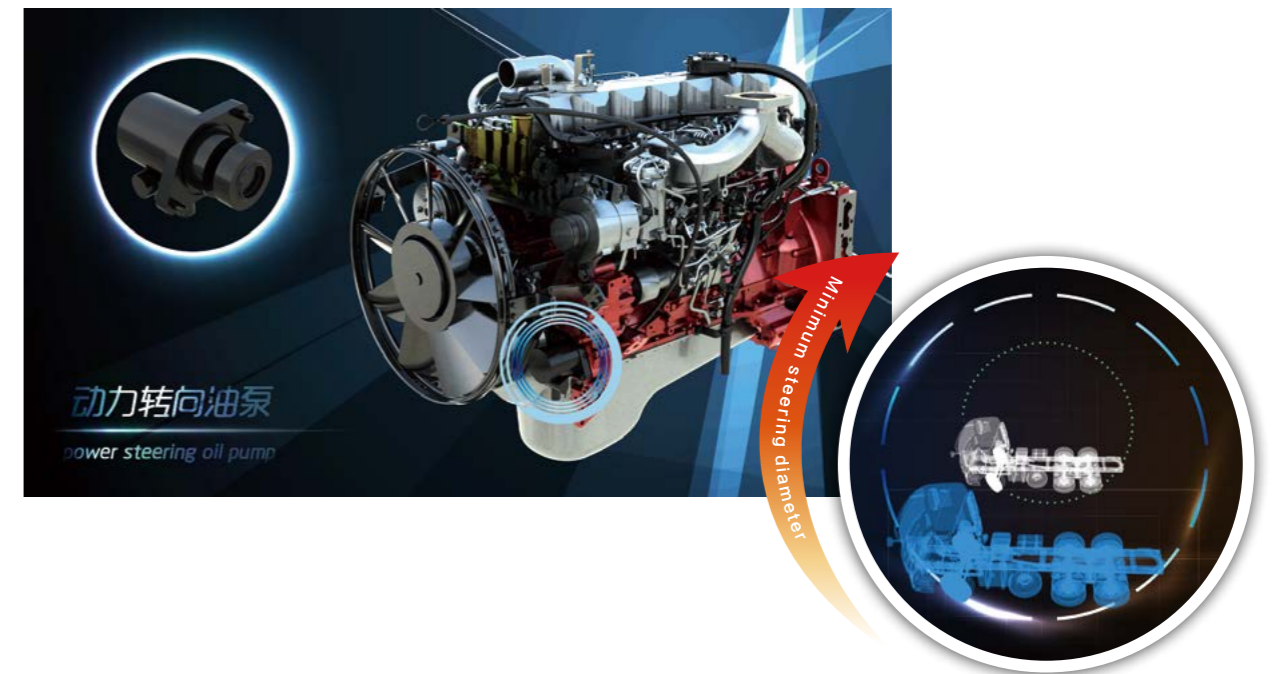
04 LOW DECK TECHNOLOGY

The frame is made of high-strength special steel plates, improving reliability and safety. It uses Sany's original subframe-free structure combined with the hollow front and back-end structure design, reducing the center of gravity by 100mm and making the vehicle lighter.



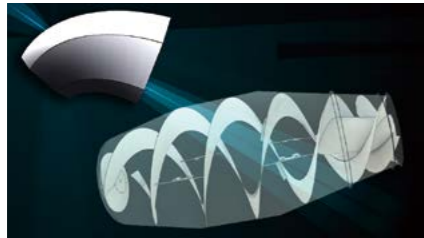
05 LEADING EDGES STEERING TECHNOLOGY

The large displacement power steering pump reduces operator effort by 40%. Optimizing chassis geometry and front axle steering angle reduces the minimum turning radius by 15%.

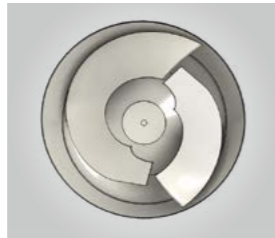


06 ANTI-BUILDUP TECHNOLOGY

The three section blade provides an efficient discharge angle. The flushing device, an innovative front taper and ball-crown connecting structure are installed at the rear taper, in order to clear stagnant aggregate from the dead space, and to prevent aggregate from piling up at front and rear tapers. Due to this, the residual rate at the discharge port declines to 0.4%.



Three-section folded blade



Innovative ball-crown structure



Rear taper flushing device setting



0.5%
Residual rate at the discharge port

07 SMART OPERATING TECHNOLOGY

Each truck is equipped with a GPS system, which boasts five functions including vehicle monitoring, record/playback, alarm reporting, fleet management, statistics and analysis. With this information you can keep abreast of the mixer truck's location, maintenance items, discharge, etc.



08 MAINTENANCE TIPS

Dashboard mounted monitor provides maintenance alarms for the truck's key components such as engine, axle, and transmission in order to facilitate maintenance scheduling.



More convenient details

◆ **HOPPER AND DISCHARGE CHUTE**
Spill free design.



◆ **CUP HOLDER AND STORAGE**

Cup holder and document storage compartment are provided for operator convenience.



◆ **PUSHBUTTON DOOR RELEASE**

A pushbutton door release is built into the door handle.



◆ **OPERATOR FRIENDLY CONTROLS**

Long actuating arm and rubber handle make the operation easy and comfortable

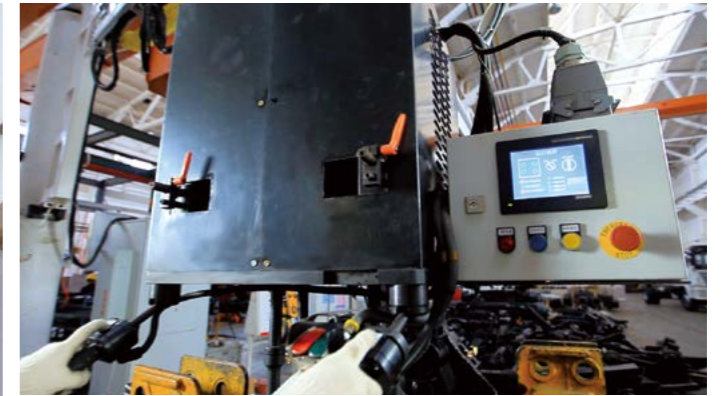


◆ **FOUR POINT FLUSHING MECHANISM WITH DRAINAGE PORT**

The four point flushing system is efficient and less labor intensive.



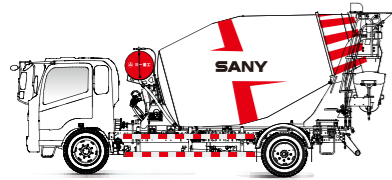
C SERIES MIXER TRUCK IS PRODUCED IN THE WORLD LARGEST CONCRETE MIXER TRUCK PRODUCTION LINE



PRODUCT SPECTRUM

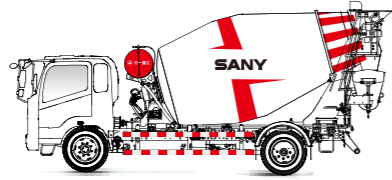
202 Mixer Truck

2 Axles



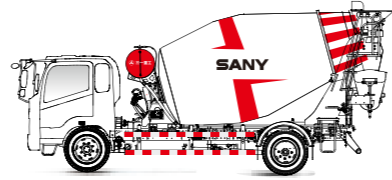
204 Mixer Truck

2 Axles



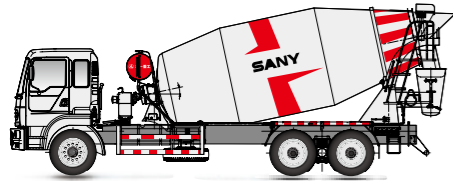
206 Mixer Truck

2 Axles



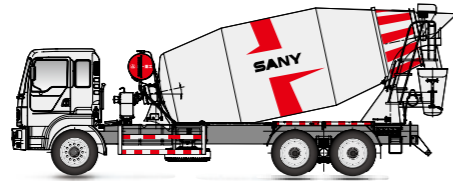
306 Mixer Truck

3 Axles



307 Mixer Truck

3 Axles



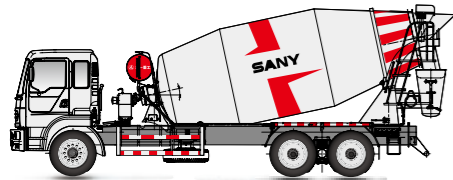
308 Mixer Truck

3 Axles



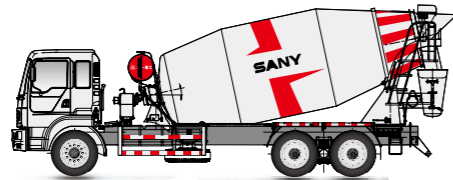
309 Mixer Truck

3 Axles



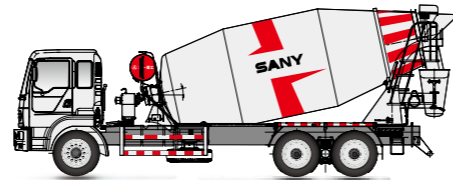
310 Mixer Truck

3 Axles



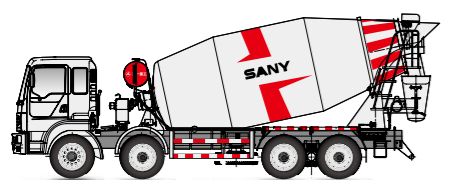
312 Mixer Truck

3 Axles



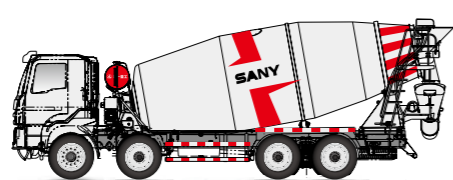
410 Mixer Truck

4 Axles



412 Mixer Truck

4 Axles



TECHNICAL SPECIFICATIONS

MAIN SELLING PRODUCTS

Model		SY308C-6W	SY308C-6W(R)	SY308C-8	SY308C-8(R Dry)
Overall Parameters	Rudder Direction	Left	Right	Left	Right
	Gross Weight(kg)	11500	11500	11300	14000
	Full Load Weight(kg)	30700	30700	30500	25000
	Dimension (L×W×H)(mm)	8570×2530×3800	8570×2530×3800	8570×2530×3800	8600×2490×3880
	Wheel Base(mm)	3250+1300	3250+1300	3250+1300	3250+1300
	Min. Ground Clearance(mm)	≥240	≥240	≥240	≥240
	Min. turning diameter(m)	≤16	≤16	≤16	≤16
	Fuel Consumption(L/100km)	≤38	≤38	≤38	≤38
	Braking Distance(m)(V ₀ =30km/h)	≤10(Full load); ≤9(Empty load)	≤10(Full load); ≤9(Empty load)	≤10(Full load); ≤9(Empty load)	≤10(Full load); ≤9(Empty load)
Chassis	Engine	Weichai WP10.270E32	Weichai WP10.270E32	Hino J08E-VA	Hino J08E-VA
	Displacement(L)	9.726	9.726	7.684	7.684
	Rated power/Rev Speed(kW/rpm)	199/2200	199/2200	202/2200	202/2200
	Maximum torque/Rev Speed (N.m/rpm)	1100/1200-1600	1100/1200-1600	1000/1500	1000/1500
	Emission Standard	China III	China III	Euro III	Euro III
	Gear-box	Fast 9JS119TA	Fast 9JS119TA	Fast 9JS119TA	Fast 9JS119TA
	Front Axle(t)	5	5	5	5
	Middle, Rear axle(t)	2×10	2×10	2×10	2×10
	Cab	Sany Cab CB318	Sany Cab CB318	Sany Cab CB318	Sany Cab CB318
	Tyre	10.00R20	10.00R20	10.00R20	10.00R20
	Brake Type	Pneumatic dual- circuit braking system with drum	Pneumatic dual- circuit braking system with drum	Pneumatic dual- circuit braking system with drum	Pneumatic dual- circuit braking system with drum
	Fuel Tank(L)	200	200	200	200
	Drum	Mixing Capacity(m ³)	8	8	8
Feeding Speed(m ³ /min)		≥8	≥8	≥8	≥8
Discharge Speed(m ³ /min)		≥5	≥5	≥5	≥5
Discharge Residual Rate		≤0.5%	≤0.5%	≤0.5%	≤0.5%
Slump Scope(mm)		50~210	50~210	50~210	50~210
Water Tank Capacity(L)		400	400	400	400
Water Pressure(Mpa)		0.35~0.38	0.35~0.38	0.35~0.38	0.35~0.38
Reduction Gear		PMP PMB6.5	PMP PMB6.5	PMP PMB6.5	PMP PMB6.5
Oil Pump		Rexroth A10VGT090	Rexroth A10VGT090	Rexroth A10VGT090	Rexroth A10VGT090
Motor		Rexroth A2FMT090	Rexroth A2FMT090	Rexroth A2FMT090	Rexroth A2FMT080

TECHNICAL SPECIFICATIONS

MAIN SELLING PRODUCTS

Model		SY310C-8W(V)	SY310C-6W(V)	SY310C-6W	SY310C-6W(R)
Overall Parameters	Rudder Direction	Left	Left	Left	Right
	Gross Weight(kg)	13600	13700	13700	13700
	Full Load Weight(kg)	37600	37700	37700	37700
	Dimension (L×W×H)(mm)	9300×2500×3985	9300×2500×3985	9300×2500×3985	9300×2500×3985
	Wheel Base(mm)	3720+1350	3720+1350	3720+1350	3720+1350
	Min. Ground Clearance(mm)	≥240	≥240	≥240	≥240
	Min. turning diameter(m)	≤18	≤18	≤18	≤18
	Fuel Consumption(L/100km)	≤42	≤42	≤42	≤42
	Braking Distance(m)(V ₀ =30km/h)	≤10(Full load); ≤9(Empty load)	≤10(Full load); ≤9(Empty load)	≤10(Full load); ≤9(Empty load)	≤10(Full load); ≤9(Empty load)
Chassis	Engine	Weichai WP8.340E51	Weichai WP10.336E53	Weichai WP10.340E32	Weichai WP10.340E32
	Displacement(L)	7.8	9.726	9.726	9.726
	Rated power/Rev Speed(kW/rpm)	250/2100	247/1900	250/2200	250/2200
	Maximum torque/Rev Speed (N.m/rpm)	1400/(1200-1600)	1550/(1200-1500)	1350/1200-1600	1350/1200-1600
	Emission Standard	China V	China V	China III	CHINA III
	Gear-box	FAST 12JSD160TA	Fast 9JS150TA-B	Fast 9JS135TA	Fast 9JS135TA
	Front Axle(t)	9	9	9	9
	Middle, Rear axle(t)	2×16	2×16	2×16	2×16
	Cab	Sany Cab CB318	Sany Cab CB318	Sany Cab CB318	Sany Cab CB318
	Tyre	11.00R20	11.00R20	11.00R20	11.00R20
	Brake Type	Pneumatic dual- circuit braking system with drum	Pneumatic dual- circuit braking system with drum	Pneumatic dual- circuit braking system with drum	Pneumatic dual- circuit braking system with drum
	Fuel Tank(L)	300	300	300	300
	Drum	Mixing Capacity(m ³)	10	10	10
Feeding Speed(m ³ /min)		≥8	≥8	≥8	≥8
Discharge Speed(m ³ /min)		≥5	≥5	≥5	≥5
Discharge Residual Rate		≤0.5%	≤0.5%	≤0.5%	≤0.5%
Slump Scope(mm)		50~210	50~210	50~210	50~210
Water Tank Capacity(L)		400	400	400	400
Water Pressure(Mpa)		0.35~0.38	0.35~0.38	0.35~0.38	0.35~0.38
Reduction Gear		PMP PMB6.5	PMP PMB6.5	PMP PMB6.5	PMP PMB6.5
Oil Pump		Sany P4VC090NHW	Sany P4VC090NHW	Rexroth A10VGT090	Rexroth A10VGT090
Motor		Sany M2F090NCWV	Sany M2F090NCWV	Rexroth A2FMT090	Rexroth A2FMT090

Model		SY310C-8	SY310C-8(R Dry)	SY312C-6W(V)	SY412C-8
Overall Parameters	Rudder Direction	Left	Right	Left	Left
	Gross Weight(kg)	13700	14000	14850	15000
	Full Load Weight(kg)	37700	25000	43650	43800
	Dimension (L×W×H)(mm)	9300×2500×3985	8600×2490×3880	9945×2500×3980	9830×2500×4000
	Wheel Base(mm)	3720+1350	3720+1350	4090+1350	1700+3175+1350
	Min. Ground Clearance(mm)	≥240	≥240	≥240	≥240
	Min. turning diameter(m)	≤18	≤18	≤20	≤22
	Fuel Consumption(L/100km)	≤42	≤42	≤45	≤42
	Braking Distance(m)(V ₀ =30km/h)	≤10(Full load); ≤9(Empty load)	≤10(Full load); ≤9(Empty load)	≤10(Full load); ≤9(Empty load)	≤10(Full load); ≤9(Empty load)
Chassis	Engine	Hino P11C-UH	Hino P11C-UH	Weichai WP10.350E53	Hino P11C-UJ
	Displacement(L)	10.52	10.52	9.726	10.52
	Rated power/Rev Speed(kW/rpm)	240/2100	240/2100	257/1900	259/2100
	Maximum torque/Rev Speed (N.m/rpm)	1420/1100	1420/1100	1600/1200-1600	1460/1100
	Emission Standard	Euro III	Euro III	CHINA V	Euro III
	Gear-box	Fast 9JS150TA-B	Fast 9JS150TA-B	Fast 9JS150TA-B	Fast 9JS150TA-B
	Front Axle(t)	9	9	9	2×7.5
	Middle, Rear axle(t)	2×16	2×16	2×16	2×16
	Cab	Sany Cab CB318	Sany Cab CB318	Sany Cab CB318	Sany Cab CB318
	Tyre	11.00R20	11.00R20	12.00R20	315/80R22.5
	Brake Type	Pneumatic dual- circuit braking system with drum	Pneumatic dual- circuit braking system with drum	Pneumatic dual- circuit braking system with drum	Pneumatic dual- circuit braking system with drum
	Fuel Tank(L)	300	300	300	300
	Drum	Mixing Capacity(m ³)	10	10	12
Feeding Speed(m ³ /min)		≥8	≥8	≥8	≥8
Discharge Speed(m ³ /min)		≥5	≥5	≥5	≥5
Discharge Residual Rate		≤0.5%	≤0.5%	≤0.5%	≤0.5%
Slump Scope(mm)		50~210	50~210	50~210	50~210
Water Tank Capacity(L)		400	600	400	800
Water Pressure(Mpa)		0.35~0.38	0.35~0.38	0.35~0.38	0.35~0.38
Reduction Gear		PMP PMB6.5	PMP PMB6.5	PMP PMB7.1	PMP PMB7.1
Oil Pump		Rexroth A10VGT090	Rexroth A10VGT090	Sany P4VC090NHW	Rexroth A10VGT090
Motor		Rexroth A2FMT090	Rexroth A2FMT080	Sany M2F090NCWV	Rexroth A2FMT090

OPTIONAL CONFIGURATION MAIN SELLING PRODUCTS

Model	SY308C-6W	SY308C-6W(R)	SY308C-8	SY308C-8(R Dry)
Item	●Standard ○Option -None			
Engine	-	-	-	-
Oil Pump	○ Sany P4VC090NHW	○ Sany P4VC090NHW	○ Sany P4VC090NHW	○ Sany P4VC090NHW
Motor	○ Sany M2F090NCWV	○ Sany M2F090NCWV	○ Sany M2F090NCWV	○ Sany M2F090NCWV
Rootcloud	●	●	●	●
Mixer drum forward and backward rotation sensor (GPS Terminal-EMEA must be installed)	●	●	●	●
Embedded lock machine	-	-	○	○
Blind zone of radar	○	○	○	○
Rear view camera	○	○	○	○
ABS(axles need replacing)	-	-	-	-
Cab warning dome light	○	○	○	○
Tyre	○ 11R22.5	○ 11R22.5	○ 11R22.5	○ 11R22.5
Mixer drum cleaning device	○	○	○	○
Hopper components	●	●	●	●
Special coating	○	○	○	○
Water Tank Capacity	○ 600L AI	○ 600L AI	○ 600L AI	○ 600L AI
The upper guardrail protecting net of mixer drum	-	-	-	-

Model	SY310C-8W(V)	SY310C-6W(V)	SY310C-6W	SY310C-6W(R)
Item	●Standard ○Option -None			
Engine	-	-	-	-
Oil Pump	○ Rexroth A10VGT090	○ Rexroth A10VGT090	○ Sany P4VC090NHW	○ Sany P4VC090NHW
Motor	○ Rexroth A2FMT090	○ Rexroth A2FMT090	○ Sany M2F090NCWV	○ Sany M2F090NCWV
Rootcloud	●	●	●	●
Mixer drum forward and backward rotation sensor (GPS Terminal-EMEA must be installed)	●	●	●	●
Embedded lock machine	○	○	-	-
Blind zone of radar	○	○	○	○
Rear view camera	●	●	○	○
ABS(axles need replacing)	●	●	●	●
Cab warning dome light	○	○	○	○
Tyre	○ 12.00R20 ○ 12R22.5	○ 12.00R20 ○ 12R22.5	○ 12.00R20 ○ 12R22.5	○ 12.00R20 ○ 12R22.5
Mixer drum cleaning device	○	○	○	○
Hopper components	●	●	●	●
Special coating	○	○	○	○
Water Tank Capacity	○ 600L AI	○ 600L AI	○ 600L AI	○ 600L AI
The upper guardrail protecting net of mixer drum	-	-	-	-

Model	SY310C-8	SY310C-8(R Dry)	SY312C-6W(V)	SY412C-8
Item	●Standard ○Option -None			
Engine	○ Hino P11C-UJ	○ Hino P11C-UJ	○ Weichai WP10.336E53	-
Oil Pump	○ Sany P4VC090NHW	○ Sany P4VC090NHW	○ Rexroth A10VGT090	-
Motor	○ Sany M2F090NCWV	○ Sany M2F080NCWV	○ Rexroth A2FMT090	-
Rootcloud	●	●	●	●
Mixer drum forward and backward rotation sensor (GPS Terminal-EMEA must be installed)	●	●	●	●
Embedded lock machine	○	○	○	○
Blind zone of radar	○	○	○	○
Rear view camera	○	○	●	○
ABS(axles need replacing)	●	●	●	●
Cab warning dome light	○	○	○	○
Tyre	○ 12.00R20 ○ 12R22.5	○ 12.00R20 ○ 12R22.5	○ 11.00R20	○ 11.00R20
Mixer drum cleaning device	○	○	○	○
Hopper components	●	●	●	●
Special coating	○	○	○	○
Water Tank Capacity	○ 600L AI	○ 400L AI	○ 600L AI	○ 400L AI ○ 600L AI
The upper guardrail protecting net of mixer drum	-	-	-	○

TECHNICAL SPECIFICATIONS

CUSTOMIZED PRODUCTS

Model		SY202C-6(R)	SY204C-6Y(V)	SY206C-8Y(V)	SY306C-8(R)
Overall Parameters	Rudder Direction	Right	Left	Left	Right
	Gross Weight(kg)	6300	7300	8000	11100
	Full Load Weight(kg)	11100	16900	22400	25500
	Dimension (L×W×H)(mm)	7120×2300×3200	7530×2320×3320	7785×2410×3605	8370×2530×3700
	Wheel Base(mm)	3600	4200	4200	3250+1300
	Min. Ground Clearance(mm)	≥194	≥225	≥225	≥240
	Min. turning diameter(m)	≤14	≤16	≤16	≤16
	Fuel Consumption(L/100km)	≤17	≤25	≤25	≤35
	Braking Distance(m)(V ₀ =30km/h)	≤9(Full load); ≤8.5(Empty load)	≤10(Full load); ≤9(Empty load)	≤10(Full load); ≤9(Empty load)	≤10(Full load); ≤9(Empty load)
Chassis	Engine	Cummins ISDe140 30	Yuchai YC4EG140-50	Yuchai YC4EG185-50	Hino J08E-VA
	Displacement(L)	4.5	4.73	4.73	7.684
	Rated power/Rev Speed(kW/rpm)	103/2500	105/2500	136/2500	202/2200
	Maximum torque/Rev Speed (N.m/rpm)	450/1400	500/1300-1800	700/1300-1500	1000/1500
	Emission Standard	China III	China V	China V	Euro III
	Gear-box	Fast 6DS50T	Fast 8JS75F	Fast 8JS75F	Fast 9JS119TA
	Front Axle(t)	2.7	3.2	5	5
	Middle, Rear axle(t)	6.8	8	13	2×10
	Cab	Qixing Cab	Sanhuan Cab	Sanhuan Cab	Sany Cab CB318
	Tyre	8.25R16	9.00R20	9.00R20	10.00R20
	Brake Type	Pneumatic dual- circuit braking system with drum	Pneumatic dual- circuit braking system with drum	Pneumatic dual- circuit braking system with drum	Pneumatic dual- circuit braking system with drum
	Fuel Tank(L)	100L	170	170	200
	Drum	Mixing Capacity(m ³)	2	4	6
Feeding Speed(m ³ /min)		≥3	≥3	≥3	≥8
Discharge Speed(m ³ /min)		≥2	≥2	≥2	≥5
Discharge Residual Rate		≤0.95%	≤0.5%	≤0.5%	≤0.5%
Slump Scope(mm)		50~210	50~210	50~210	50~210
Water Tank Capacity(L)		300	300	300	600
Water Pressure(Mpa)		0.35~0.38	0.35~0.38	0.35~0.38	0.35~0.38
Reduction Gear		TOP T60	TOP T60	TOP T60	PMP PMB6.0
Oil Pump		Rexroth A10VGT071	Sany HP4VC45HW	Sany P4VC056NHW	Rexroth A10VGT090
Motor		Rexroth A2FMT080	Sany HAA2FM56	Sany M2F063NCWV	Rexroth A2FMT090

Model		SY306C-6W	SY308C-6W(VR)	SY309C-8(ECE)	SY310C-6W(CNG)
Overall Parameters	Rudder Direction	Left	Right	Left	Left
	Gross Weight(kg)	11400	11500	14800(ECE)	15700
	Full Load Weight(kg)	25800	30700	29800(ECE)	39700
	Dimension (L×W×H)(mm)	8370×2530×3700	8570×2530×3800	9300×2500×3960(ECE)	10560×2500×3975
	Wheel Base(mm)	3250+1300	3250+1300	3545+1350	4700+1350
	Min. Ground Clearance(mm)	≥240	≥240	≥240	≥240
	Min. turning diameter(m)	≤16	≤16	≤18	≤20
	Fuel Consumption(L/100km)	≤35	≤38	≤38	
	Braking Distance(m)(V ₀ =30km/h)	≤10(Full load); ≤9(Empty load)	≤10(Full load); ≤9(Empty load)	≤10(Full load); ≤9(Empty load)	≤10(Full load); ≤9(Empty load)
Chassis	Engine	Wweichai WP10.270E32	Weichai WP8.340E51	Hino P11C-UH	Weichai WP12NG380E51
	Displacement(L)	9.726	7.8	10.52	11.596
	Rated power/Rev Speed(kW/rpm)	199/2200	250/2100	240/2100	280/1900
	Maximum torque/Rev Speed (N.m/rpm)	1100/1200-1600	1400/(1200-1600)	1420/1100	1700/1200-1500
	Emission Standard	China III	China V	Euro III	Euro V
	Gear-box	Fast 9JS119TA	Fast 9JS150TA-B	Fast 9JS150TA-B	Fast 12JSDX240TA
	Front Axle(t)	5	5	7.5	7.5
	Middle, Rear axle(t)	2×10	2×10	2×13	2×13
	Cab	Sany Cab CB318	Sany Cab CB318	Sany Cab CB318	Sany Cab CB318
	Tyre	10.00R20	10.00R20	11.00R20	11.00R20
	Brake Type	Pneumatic dual- circuit braking system with drum	Pneumatic dual- circuit braking system with drum	Pneumatic dual- circuit braking system with drum	Pneumatic dual- circuit braking system with drum
	Fuel Tank(L)	200	200	300	8×150(ECE)
	Drum	Mixing Capacity(m ³)	6	8	9
Feeding Speed(m ³ /min)		≥8	≥8	≥8	≥8
Discharge Speed(m ³ /min)		≥5	≥5	≥5	≥5
Discharge Residual Rate		≤0.5%	≤0.5%	≤0.5%	≤0.5%
Slump Scope(mm)		50~210	50~210	50~210	50~210
Water Tank Capacity(L)		400	400	400	400
Water Pressure(Mpa)		0.35~0.38	0.35~0.38	0.35~0.38	0.35~0.38
Reduction Gear		PMP PMB6.0	PMP PMB6.5	PMP PMB6.5	PMP PMB6.5
Oil Pump		Rexroth A10VGT090	Rexroth A10VGT090	Rexroth A10VGT071	Rexroth A10VGT090
Motor		Rexroth A2FMT090	Rexroth A2FMT090	Rexroth A2FMT080	Rexroth A2FMT090

TECHNICAL SPECIFICATIONS

CUSTOMIZED PRODUCTS

Model		SY310C-8(V)	SY310C-8R(R)	SY410C-8(Dry)	SY410C-8L(R)
Overall Parameters	Rudder Direction	Left	Right	Left	Right
	Gross Weight(kg)	13700	14250	14200	13000
	Full Load Weight(kg)	37700	25000	38200	37000
	Dimension (L×W×H)(mm)	9300×2500×3985	9105×2500×3985	9700×2500×3985	9700×2500×3960
	Wheel Base(mm)	3720+1350	4090+1350	1700+3175+1350	1700+3200+1300
	Min. Ground Clearance(mm)	≥240	≥240	≥240	≥240
	Min. turning diameter(m)	≤18	≤18	≤22	≤22
	Fuel Consumption(L/100km)	≤42	≤42	≤42	≤32
	Braking Distance(m)(V ₀ =30km/h)	≤10(Full load); ≤9(Empty load)	≤10(Full load); ≤9(Empty load)	≤10(Full load); ≤9(Empty load)	≤10(Full load); ≤9(Empty load)
Chassis	Engine	Hino P11C-WB	Hino P11C-UH	Hino P11C-UJ	Hino J08E-UP
	Displacement(L)	10.52	10.52	10.52	7.684
	Rated power/Rev Speed(kW/rpm)	240/1900	240/2100	259/2100	222/2500
	Maximum torque/Rev Speed (N.m/rpm)	1420/1100	1420/1100	1460/1100	1000/1500
	Emission Standard	China V	Euro III	Euro III	Euro III
	Gear-box	Fast 9JS150TA-B	FAST 9JS150TA-B	Fast 9JS150TA-B	Fast 9JS119TA
	Front Axle(t)	9	9	2×7.5	2×5.5
	Middle, Rear axle(t)	2×16	2×13	2×16	2×10
	Cab	Sany Cab CB318	Sany Cab CB318	Sany Cab CB318	Sany Cab CB318
	Tyre	11.00R20	11.00R20	315/80R22.5	12R22.5
	Brake Type	Pneumatic dual- circuit braking system with drum	Pneumatic dual- circuit braking system with drum	Pneumatic dual- circuit braking system with drum	Pneumatic dual- circuit braking system with drum
	Fuel Tank(L)	300	300	300L	200
	Drum	Mixing Capacity(m ³)	10	10	10
Feeding Speed(m ³ /min)		≥8	≥8	≥8	≥8
Discharge Speed(m ³ /min)		≥5	≥5	≥5	≥5
Discharge Residual Rate		≤0.5%	≤0.5%	≤0.5%	≤0.5%
Slump Scope(mm)		50~210	50~210	50~210	50~210
Water Tank Capacity(L)		800	400	800	300
Water Pressure(Mpa)		0.35~0.38	0.35~0.38	0.35~0.38	0.35~0.38
Reduction Gear		PMP PMB6.5	PMP PMB6.5	PMP PMB6.5	PMP PMB6.5
Oil Pump		Rexroth A10VGT090	Rexroth A10VGT090	Rexroth A10VGT090	Rexroth A10VGT090
Motor		Rexroth A2FMT090	Rexroth A2FMT090	Rexroth A2FMT090	Rexroth A2FMT090

Model		SY412C-8	SY412C-8R	SY412C-8(V)
Overall Parameters	Rudder Direction	Left	Right	Left
	Gross Weight(kg)	16500(GCC)	16500(VTA)	14300
	Full Load Weight(kg)	30985(GCC)	37000(VTA)	43100
	Dimension (L×W×H)(mm)	10300×2490×3985(GCC)	10825×2490×3985(VTA)	9790×2525×3980
	Wheel Base(mm)	1700+3200+1350	1800+4050+1350	1700+3175+1350
	Min. Ground Clearance(mm)	≥240	≥240	≥300
	Min. turning diameter(m)	≤22	≤23	≤22
	Fuel Consumption(L/100km)	≤45	≤45	≤36.8
	Braking Distance(m)(V ₀ =30km/h)	≤10(Full load); ≤9(Empty load)	≤10(Full load); ≤9(Empty load)	≤9(Full load); ≤8(Empty load)
Chassis	Engine	Hino P11C-UJ	Hino P11C-UJ	Hino P11C-WC
	Displacement(L)	10.52	10.52	10.52
	Rated power/Rev Speed(kW/rpm)	259/2100	259/2100	259/1900
	Maximum torque/Rev Speed (N.m/rpm)	1460/1100	1460/1100	1488/1100
	Emission Standard	Euro III	EURO III	China V
	Gear-box	Fast 9JS150TA-B	Fast 9JS150TA-B	Fast 12JSD160TA
	Front Axle(t)	2×6.5	2×6.5	2×6.5
	Middle, Rear axle(t)	2×13	2×13	2×13
	Cab	Sany Cab CB318	Sany Cab CB318	Sany Cab CB318
	Tyre	11.00R20	11.00R20	12R22.5
	Brake Type	Pneumatic dual- circuit braking system with drum	Pneumatic dual- circuit braking system with drum	Pneumatic dual- circuit braking system with drum
	Fuel Tank(L)	300	300	300
	Drum	Mixing Capacity(m ³)	12	12
Feeding Speed(m ³ /min)		≥8	≥8	≥8
Discharge Speed(m ³ /min)		≥5	≥5	≥5
Discharge Residual Rate		≤0.5%	≤0.5%	≤0.5%
Slump Scope(mm)		50~210	50~210	50~210
Water Tank Capacity(L)		800	600	600
Water Pressure(Mpa)		0.35~0.38	0.35~0.38	0.35~0.38
Reduction Gear		PMP PMB7.1	PMP PMB7.1	PMB7.1
Oil Pump		Rexroth A10VGT090	Rexroth A10VGT090	Rexroth A10VGT090
Motor		Rexroth A2FMT090	Rexroth A2FMT090	Rexroth A2FMT090

OPTIONAL CONFIGURATION CUSTOMIZED PRODUCTS




Model	SY202C-6(R)	SY204C-6Y(V)	SY206C-8Y(V)	SY306C-8(R)
Item	●Standard ○Option -None			
Engine	-	-	-	-
Oil Pump	-	-	-	○ Sany P4VC090NHW
Motor	-	-	-	○ Sany M2F090NCWV
Rootcloud	●	-	-	●
Mixer drum forward and backward rotation sensor (GPS Terminal-EMEA must be installed)	●	-	-	●
Embedded lock machine	○	○	○	○
Blind zone of radar	-	-	-	○
Rear view camera	-	-	-	○
ABS(axles need replacing)	-	●	●	-
Cab warning dome light	-	-	-	○
Tyre	-	-	-	○ 11R22.5
Mixer drum cleaning device	○	○	○	○
Hopper components	-	-	-	●
Special coating	○	○	○	○
Water Tank Capacity	○ 400L AI	○ 400L AI	○ 400L AI	○ 400L AI
The upper guardrail protecting net of mixer drum	-	-	-	-

Model	SY306C-6W	SY308C-6W(VR)	SY309C-8(ECE)	SY310C-6W(CNG)
Item	●Standard ○Option -None			
Engine	-	-	-	-
Oil Pump	○ Sany P4VC090NHW	○ Sany P4VC090NHW	-	-
Motor	○ Sany M2F090NCWV	○ Sany M2F090NCWV	-	-
Rootcloud	●	●	○	-
Mixer drum forward and backward rotation sensor (GPS Terminal-EMEA must be installed)	●	●	○	○
Embedded lock machine	-	○	○	○
Blind zone of radar	○	○	○	○
Rear view camera	○	○	○	○
ABS(axles need replacing)	-	●	●	●
Cab warning dome light	○	○	○	○
Tyre	○ 11R22.5	○ 11R22.5	-	○ 12.00R20 ○ 12R22.5
Mixer drum cleaning device	○	○	○	○
Hopper components	●	●	●	●
Special coating	○	○	○	○
Water Tank Capacity	○ 600L AI	○ 600L AI	○ 600L AI	○ 600L AI
The upper guardrail protecting net of mixer drum	-	-	-	-

Model	SY310C-8(V)	SY310C-8R(R)	SY410C-8(Dry)	SY410C-8L(R)
Item	●Standard ○Option -None			
Engine	-	-	-	-
Oil Pump	○ Sany P4VC090NHW	-	-	-
Motor	○ Sany M2F090NCWV	-	-	-
Rootcloud	●	○	-	●
Mixer drum forward and backward rotation sensor (GPS Terminal-EMEA must be installed)	●	○	-	●
Embedded lock machine	○	○	○	○
Blind zone of radar	○	○	-	○
Rear view camera	○	○	-	○
ABS(axles need replacing)	●	●	●	-
Cab warning dome light	○	○	-	○
Tyre	○ 12.00R20 ○ 12R22.5	○ 12R22.5	-	○ 11.00R20
Mixer drum cleaning device	○	○	○	○
Hopper components	●	●	-	●
Special coating	○	○	○	○
Water Tank Capacity	○ 400L AI ○ 600L AI	○ 600 AI	○ 400L AI	-
The upper guardrail protecting net of mixer drum	-	-	-	-

Model	SY412C-8	SY412C-8R	SY412C-8(V)
Item	●Standard ○Option -None		
Engine	-	-	-
Oil Pump	-	-	-
Motor	-	-	-
Rootcloud	○	○	○
Mixer drum forward and backward rotation sensor (GPS Terminal-EMEA must be installed)	○	○	○
Embedded lock machine	○	○	○
Blind zone of radar	○	○	●
Rear view camera	○	○	●
ABS(axles need replacing)	●	●	●
Cab warning dome light	○	○	○
Tyre	○ 12R22.5	○ 12R22.5	○ 11.00R20
Mixer drum cleaning device	○	○	○
Hopper components	●	●	●
Special coating	○	○	○
Water Tank Capacity	○ 400L AI ○ 600L AI	○ 400L AI	○ 600L AI
The upper guardrail protecting net of mixer drum	-	-	-



-  Sany's Industrial Parks
-  Putzmeister (International Headquarters of Sany Concrete Machinery)
-  Sany Sales & Service Offices in China
-  Sany Sales & Service Offices Overseas
-  Sany Global Coverage