

ELSEWEDY
ELECTRIC

BUILDING
SOLUTIONS



TRUCK MIXER & CONCRETE

Combining Mixing Performance
With Precise Engineering



ENGINEERED **AS ONE.**



SY412C-8S(AMT) TRUCK MIXER

**ELSEWEDY
ELECTRIC**

**BUILDING
SOLUTIONS**

Elsewedy Building Solutions

Cairo Festival City, Plot No. 13co3, New Cairo 1, Cairo Governorate 11835

Hotline: 19159

Email: info@elsewedybuildingsolutions.com

Web Site: Elsewedy Electric Building Solutions.com

SY412C-8S(AMT) Technical specifications

Model		SY412C-8S(AMT)
Overall parameters	Rudder direction	Left
	Curb weight (kg)	15200
	Full load weight (kg)	44000
	Dimension (L×W×H) (mm)	10300×2525×3980
	Wheel base (mm)	1900+2950+1350
	Min. ground clearance (mm)	≥ 260
	Min. turning diameter (m)	≤ 22
	Fuel consumption (L/100km)	≤ 45
Chassis	Braking distance (V ₀ =30km/h) (m)	≤ 10(Full load); ≤ 9(Empty load)
	Engine	Sany Power D12C3-490E1
	Displacement (L)	12.12
	Rated power/Rev speed (kW/rpm)	360/1900
	Max. torque/Rev speed (N.m/rpm)	2200/1000-1400
	Emission standard	Euro
	Gear-box	Fast F12JZ22A AMT
	Front axle	2×7.5T
	Middle, rear axle	2×16T
	Cab	329Sany Cab CB329
Drum	Tyre	315/80R22.5
	Brake type	Pneumatic dual-circuit drum brake
	Fuel tank	400
	Mixing capacity (m ³)	12
	Feeding speed (m ³ /min)	≥ 8
	Discharge speed (m ³ /min)	≥ 5
	Discharge residual rate	≤ 0.5%
	Slump scope (mm)	50-210
	Water tank capacity (L)	1000
	Water pressure (Mpa)	0.35-0.38
	Reduction gear	TOP P75SY
	Oil pump	Sany 90
	Motor	Sany 90

Optional configuration

Model		SY412C-8S(AMT)		
Item		● Standard	○ Option	- None -
Optional functions	Engine		-	
	Reduction gear		-	
	Mixing drum type		○ Dry	
	Driving recorder		○	
	Rootcloud		●	
	Mixing drum forward and backward rotation sensor (GPS Terminal-EMEA must be installed)		●	
	Central control screen		●	
	Embedded lock machine		○	
	Blind zone radar		○	
	Rear view camera		●	
	Around view monitor(AVM)		●	
	ABS (axles need replacing)		●	
	Cab roof warning light		●	
	Tyre		○ 12R22.5(Steel/Al Rim)	
	Hydraulic lift of main chute		-	
	Multiple auxiliary chutes		-	
	Toolkit		-	
	Rear working light		●	
	Mixing drum cleaning device		-	
	Hopper components		●	
	Special coating		○	
	Water tank capacity		○ 800L ○ 600L	
	The upper guardrail protecting net of mixing drum		-	

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SY412C-6W TRUCK MIXER

Distinct advantage in carrying capacity

Carrying capacity increased by 20%. Waterproof performance increased to 3~5 times by upgrading the seal structure of full set of axle.

Industry-leading mixing drum technology

Mixing drum using the customized SY300TP special purpose high strength and abrasion-resistant steel, drum service life extended by 30%, 8 years long service life. Lighter, more reliable, more economical and more valuable.

Self-developed integrated design

Upper parts and chassis integrated design take vehicle performance into account. Vehicle center of mass lowered 120mm by improve "no sub frame" structure matching with high strength frame. Driving is safer and more reliable.

Brand new driving experience

Upgraded air-floating adjustable seat, the sleeper berth is 130mm wider and 90mm thicker, and 95L storage space is set under the sleeper, which is more comfortable and spacious, and brings customers a brand-new driving experience.

Lightweight design

Aluminum alloy water tank is adopted, and the weight is reduced by 45%; The auxiliary chute is made by polymer, and the weight is reduced by 50%. Low-carbon, eco-friendly and more economical.

SY412C-6W Technical specifications

	Model	SY412C-6W
Overall parameters	Rudder direction	Left
	Curb weight (kg)	14660 (GCC)
	Full load weight (kg)	43460 (GCC)
	Dimension (L×W×H) (mm)	9825×2525×3980 (GCC)
	Wheel base (mm)	1900+2950+1350
	Min. ground clearance (mm)	≥ 240
	Min. turning diameter (m)	≤ 22
	Fuel consumption (L/100km)	≤ 42
	Braking distance (V ₀ =30km/h) (m)	≤ 10(Full load); ≤ 9 (Empty load)
Chassis	Engine	Weichai WP12.430N
	Displacement (L)	11.596
	Rated power/Rev speed (kW/rpm)	316/1900
	Max. torque/Rev speed (N.m/rpm)	2060/1000-1400
	Emission standard	Euro
	Gear-box	Fast 12JSDX240TA
	Front axle	2×7.5T
	Middle, rear axle	2×16T
	Cab	CB318 Sany Cab CB318
	Tyre	Front: 385/65R22.5 Rear: 315/80R22.5
	Brake type	Pneumatic dual-circuit drum brake
	Fuel tank	300
	Mixing capacity (m ³)	12
Drum	Feeding speed (m ³ /min)	≥ 8
	Discharge speed (m ³ /min)	≥ 5
	Discharge residual rate	≤ 0.5%
	Slump scope (mm)	50 - 210
	Water tank capacity (L)	800
	Water pressure (Mpa)	0.35 - 0.38
	Reduction gear	PMP PMB7.1
	Oil pump	Sany 90
	Motor	Sany 90

Optional configuration

Model	SY412C-6W		
Item	● Standard	○ Option	- None -
Engine			-
Reduction gear			-
Mixing drum type		○ Dry	
Driving recorder		○	
Rootcloud	●		
Mixing drum forward and backward rotation sensor (GPS Terminal-EMEA must be installed)		●	
Central control screen			-
Embedded lock machine		○	
Blind zone radar		○	
Rear view camera		○	
Around view monitor(AVM)		○	
ABS (axles need replacing)		●	
Cab roof warning light		●	
Tyre		○ 12R22.5(Steel/Al Rim)	
Hydraulic lift of main chute			-
Multiple auxiliary chutes			-
Toolkit			-
Rear working light		●	
Mixing drum cleaning device			-
Hopper components		●	
Special coating		○	
Water tank capacity		○ 400L ○ 600L	
The upper guardrail protecting net of mixing drum			-

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SY310C-6W TRUCK MIXER

Distinct advantage in carrying capacity

Carrying capacity increased by 20%. Waterproof performance increased to 3~5 times by upgrading the seal structure of full set of axle.

Industry-leading mixing drum technology

Mixing drum using the customized SY300TP special purpose high strength and abrasion-resistant steel, drum service life extended by 30%, 8 years long service life. Lighter, more reliable, more economical and more valuable.

Self-developed integrated design

Upper parts and chassis integrated design take vehicle performance into account. Vehicle center of mass lowered 120mm by improve "no sub frame" structure matching with high strength frame. Driving is safer and more reliable.

Brand new driving experience

Upgraded air-floating adjustable seat, the sleeper berth is 130mm wider and 90mm thicker, and 95L storage space is set under the sleeper, which is more comfortable and spacious, and brings customers a brand-new driving experience.

Lightweight design

Aluminum alloy water tank is adopted, and the weight is reduced by 45%; The auxiliary chute is made by polymer, and the weight is reduced by 50%. Low-carbon, eco-friendly and more economical.

SY310C-6W Technical specifications

	Model	SY310C-6W
Overall parameters	Rudder direction	Left
	Curb weight (kg)	13700
	Full load weight (kg)	37700
	Dimension (L×W×H) (mm)	9300×2500×3985
	Wheel base (mm)	3720+1350
	Min. ground clearance (mm)	≥ 240
	Min. turning diameter (m)	≤ 18
	Fuel consumption (L/100km)	≤ 42
Chassis	Braking distance (V ₀ =30km/h) (m)	≤ 10(Full load); ≤ 9(Empty load)
	Engine	Weichai WP10.340E32
	Displacement (L)	9.726
	Rated power/Rev speed (kW/rpm)	250/2200
	Max. torque/Rev speed (N.m/rpm)	1350/1200-1600
	Emission standard	China
	Gear-box	Fast 9JS135TA
	Front axle	9T
	Middle, rear axle	2×16T
	Cab	CB318 Sany Cab CB318
	Tyre	11.00R20
	Brake type	Pneumatic dual-circuitdrum brake
	Fuel tank (L)	300
	Mixing capacity (m³)	10
Drum	Feeding speed (m³/min)	≥ 8
	Discharge speed (m³/min)	≥ 5
	Discharge residual rate	≤ 0.5%
	Slump scope (mm)	50 - 210
	Water tank capacity (L)	400
	Water pressure (Mpa)	0.35 - 0.38
	Reduction gear	PMP PMB6.5
	Oil pump	Sany 90
	Motor	Sany 90

Optional configuration

	Model	SY310C-6W
	Item	☒ Standard ☐ Option ☐ - None -
Optional functions	Engine	-
	Reduction gear	-
	Mixing drum type	Dry
	Driving recorder	-
	Rootcloud	O
	Mixing drum forward and backward rotation sensor (GPS Terminal-EMEA must be installed)	O
	Central control screen	-
	Embedded lock machine	-
	Blind zone radar	O
	Rear view camera	O
	Around view monitor(AVM)	-
	ABS (axles need replacing)	●
	Cab roof warning light	O
	Tyre	O 12R22.5 O 315/80R22.5
	Hydraulic lift of main chute	-
	Multiple auxiliary chutes	-
	Toolkit	-
	Rear working light	●
	Mixing drum cleaning device	-
	Hopper components	●
	Special coating	O
	Water tank capacity	O 600L
	The upper guardrail protecting net of mixing drum	-

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