



CATALOGUE

Professional manufacturer of concrete machinery

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BRIEF

Qingdao Lexon Heavy Machinery Co., Ltd. (Lexon) , rooted in Qingdao, focus on the world. We adhere to the principle of customer first, quality first, all of our colleagues have deeply plowed in concrete machinery field for more than 20 years, in this field we have accumulated much installation, commissioning and maintenance experience, in the past 20 years, and we always firmly believe that the solid trees depend on the deep roots. Our domestic and foreign markets will always base on high quality and good service, to provide you with high-quality products and services are our consistent aim over these years. We hope we would have opportunity to sever our dear customers.

Now our main products as follow:

1. Truck-Mounted Concrete Pump / Truck Mixer Series:

Lexon insisted on producing and sales in dependence, we not only sale our own small and medium-sized concrete truck mixer, but also as the golden agent of Beiqi Foton motor co., ltd.(Foton Motor), we perennial agent sales Loxa L9 Truck-mounted Concrete Pump / Truck Mixer Series and provide best service.

2. Concrete Mixer Plants Series:

We currently can supply HZS (H) / HLS / HZN / HZS series standard concrete mixer plant, we can also provide engineering procurement and construction project (EPC) and “Full rang care-free” service.

Lexon Brand Truck Mixer Series

1. D78B chassis 6 × 4 series 12 m³ truck mixer



Specifications and parameters:

Model	ZZ1253N4341D1N	Clutch type	CH430-19
Exterior dimension (L×H×W) (mm)	8585×2496×3225	Transmission type	HW19710
Gross weight (kg)	25000	Transmission ratio	1.0~14.283
Curb Weight (kg)	9570	Front axle	HF9
Max. speed (km/h)	82	Driving axle	HC16 Double rear axle
Wheel base (mm)	4025+1350	Steering device	GC120-15
Engine model	D10.340-40	Brake type (Service brake)	Dual circuit air brake
Max. power (kw/rpm)	249/1900	Brake type (Parking brake)	Spring parking brake
Cab	D7B flat top cab	Tires	12.00R20-18PR

Manufacturing Parameter:

Agitator Capacity (m ³): 12		
Drum inclination (°): 12		Remnant Ratio of Discharging: ≤0.8 (%)
Feeding/ Discharge speed (m ³ /min) : Feeding speed: ≥3 , Discharge speed: ≥2		Fuel: Diesel
Hydraulic System		
Variable pump:	Eaton	PMH P110(PMP)
Motor:	Eaton	PMH M110(PMP)
Gear Box:	580L(Bonfiglioli)	PMB7.5sp(PMP)
Radiator: Kaipeng		
Water Supply		
Volume of Water Tank	400	
Water Supply Type:	Air Pressure Type	

The new STR cab adopts the domestic mainstream design, matches the CNHDT D10 engine, with safe and comfortable cab. This D10 engine is powerful, economical, reliable and stable. The STR market holding quality is very huge, universal accessories, suitable for purchasing accessories, low maintenance costs, high second-hand truck residual rate, mainly fits for middle and short distance concrete mixing transport.

2. F3000 Series 10m³/12m³/14m³ truck mixer



Specifications and parameters:

Model: SX5256GJBDR404 (12m ³)	
Complete Vehicle Parameter	
Exterior dimension (L×H×W) :9810,9405,9505,9990×2490×3950,3915	Gross weight (kg) :25000
Curb weight (kg) :13700;15000	Agitator capacity (m ³):12 (Water capacity: 13.6 m ³)
Drum inclination (°): 12	Remnant Ratio of Discharging (%) : ≤0.65
Feeding/ discharge speed (m ³ /min) : Feeding speed: ≥3 , Discharge speed: ≥2	Fuel: diesel

Chassis System

Chassis model: SX5256GJBDR404

Drive type: 6×4

Max power(kw): 247;250;257;276;280 (Weichai Engine)

Emission Standard: GB17691-2005, China IV, GB3847-2005

Wheel base (mm) : 3975+1400

Hydraulic System

Variable pump:

Motor:

Gear Box:

SAUER,PMP

Water Supply

Volume of Water Tank (L): 400

Water Supply Type: Air pressure type

Model: SX5250GJBFB434 (14m³)

Complete Vehicle Parameter

Exterior dimension (L×H×W) :10450×2550×3950(mm)

Gross weight (kg) :25000

Curb Weight (kg) :16000

Agitator Capacity (m³) :14 (Water capacity: 15.3 m³)

Drum inclination (°) :12

Remnant Ratio of Discharging (%) : ≤0.65

F

Fuel: diesel

Chassis System

Chassis model: SX1250FB

Drive type:6×4

Max. power (kw) :247 (Weichai Engine)

EmissionStandard:GB17691-2005 ,ChinaIV,GB3847-2005

Wheel base (mm) :4375+1400

Hydraulic System

Variable pump:

Motor:

Gear Box:

SAUER,PMP

Water Supply

Volume of Water Tank (L):400

Water Supply Type: Air pressure type

3. T5 G Lightweight chassis 8×4 series 10m³ truck mixer



Specifications and parameters:

Model:	ZZ1317N30 6GD1B	Clutch type:	CH430-19
Exterior dimension(L×H×W):	9855×2500 ×3950	Transmission type:	HW13710 L
Gross weight (kg) :	13350	Front axle:	H153
Max. speed (km/h) :	82	Driving axle:	ST16 (5.73)
Wheel base (mm) :	1800+3050+1350	Gross weight (kg) :	31000
Engine model:	MC07.34-40	Brake type (Service brake) :	Dual circuit air brake
Max. power (kw/rpm) :	248/1900	Brake type (Parking brake) :	Spring parking brake
Cab:	T5G-M	Tires:	11.00R20 Steel tires

Manufacturing parameter:

Agitator Capacity (m ³):10		
Drum inclination (°):13	Remnant Ratio of Discharging (%) :≤0.8	
Feeding/ Discharge speed (m ³ /min) : Feeding speed: ≥3 , Discharge speed: ≥2	Fuel: diesel	
Hydraulic System		
Variable pump:	T90P100(SAUER)	PMH P110(PMP)
Motor:	90M100(SAUER)	PMH M110(PMP)
Gear Box:	580L(Bonfiglioli)	PMB7.5sp(PMP)
Radiator: Kaipeng		
Water Supply		
Volume of Water Tank (L):	400	
Water Supply Type:	Air Pressure Type	

4. China emission standard IV/V 4×2 series truck mixer



Specifications and parameters:

Agitator Capacity (m ³):	4m ³	5m ³	6m ³	7m ³	8m ³
Drum inclination (°):	15				
Drive type:	4×2				
Wheel base (mm) :	3600		3900	4200	4300
Rear suspension (mm) :	1200		1400	1400	1500
Max. power(horsepower):	130-140		160-180	180	200
Chassis:	Hubei Dayun, Tri-ring shitong		Dongfeng Yuhu	Chengdu wangpai	Foton zhongchi

FOTON LOXA L9 SERIES CONCRETE TRUCK MIXER



Qingdao lexon Heavy Machinery Co., Ltd. as the general agent of Beiqi Foton Group, our main products lines include L9 series of Truck-mounted concrete pump, truck mixer, cranes cover all the country.

As a new generation products of Beiqi Foton group, The L9 series combines the technology of China, Germany and USA. It adopts the integrated manufacturing system of Europe and America, the supply chain includes Cummins, Rexroth, Wabco, Knorr, Valeo, SACHS and Donaldson. All the products are reliable, efficient, energy, safe, and comfortable, the parameters are as follows:

Lexon Brand Concrete Batching Plant Series

Qingdao Lexon is one professional manufacturer of concrete machinery in Qingdao, Shandong province, our products have such features:

1. High-strength wear-resistant materials.

Mixer lining life increased by 10% compared with the industry standard.

Stirring blade service life increased by 10%.

Discharge chute liner service life increased by 20%.



2. High precision measurement technology

Using the latest international high-precision measurement algorithm.

Bus communication, digital signal transmission, effectively raising materials weighing accuracy.

Material drop automatic correction technology.

In the production process via tracking the samples by flow, velocity, disc gap, amending the disc gap to ensure that the measured accuracy of material in real-time.

3. Aggregates automatic fall compensation correction control technology to ensure error control in 1%.



4. Environmental protection and Energy –Saving.

Automatic high pressure washout.

Productivity increase due to shorter cleaning time.

Saving labor costs due to automatic cleaning system.

Less wear and tear of the mixer.

Water saving due to exact spraying geometry of 3D nozzle system.

Washing water can be recycled for the next bath.



5. High intelligence

Leading concrete ERP management system.

Integrated management of mixing station.

Advanced control systems.

Silo continuous material level display, real-time access to information.

High precision measurement controlling, accurate real-time inventory data.

Reliable data protection, automatic diagnosis technology.

PC/PLC controlled value-added services.

Admixture temperature controlling system.

CCTV management, laboratory management, the pound management.

Network Debug management.

Information Management (ERP).

Raw materials, supplies, sales, production management centralized.

Formulation ratio, vehicles, spares parts, financial management visible.

Internet remote office, multi station centralized management.



HZS (H) series cement silo concrete batching plant main technical parameters

Model	HZS90H	HZS120H	HZS180H	HZS240H	HZS270H	HZS300H	HZS360H
Theoretical productivity (m ³)	90	120	180	240	270	300	360
Mixer model (L)	CTS1500	CTS2000	CTS3000	CTS4000	CTS4500	CTS5000	CTS6000
Discharge height (mm)	4200	4200	4200	4200	4200	4200	4200
Aggregate bins capacity (m ³)	15×4	20×4	30×4	30×4	40×4	40×4	40×4
Maximum aggregate size (mm)	60 (80)	60 (80)	60 (80)	60 (80)	60 (80)	60 (80)	60 (80)
Automatic cycle period (s)	≤60	≤60	≤60	≤60	≤60	≤60	≤60
Aggregate weighing precision (%)	±2%	±2%	±2%	±2%	±2%	±2%	±2%
Cement weighing precision (%)	±1%	±1%	±1%	±1%	±1%	±1%	±1%
Water weighing precision (%)	±1%	±1%	±1%	±1%	±1%	±1%	±1%
Admixture weighing precision (%)	±1%	±1%	±1%	±1%	±1%	±1%	±1%
Total power (kw)	≤110	≤150	≤210	≤250	≤250	≤280	≤320

HLS series standard concrete batching plant main technical parameters

Model	HLS90	HLS120	HLS180	HLS240	HLS270	HLS300	HLS360
Theoretical productivity (m ³)	120	150	210	270	300	330	400
Mixer model (L)	CTS1500	CTS2000	CTS3000	CTS4000	CTS4500	CTS5000	CTS6000
Discharge height (mm)	4200	4200	4200	4200	4200	4200	4200
Aggregate bins capacity (m ³)	160	200	200	200	240	240	260
Maximum aggregate size (mm)	60 (80)	60 (80)	60 (80)	60 (80)	60 (80)	60 (80)	60 (80)
Automatic cycle period (s)	≤60	≤60	≤60	≤60	≤60	≤60	≤60
Aggregate weighing precision (%)	±2%	±2%	±2%	±2%	±2%	±2%	±2%
Cement weighing precision (%)	±1%	±1%	±1%	±1%	±1%	±1%	±1%
Water weighing precision (%)	±1%	±1%	±1%	±1%	±1%	±1%	±1%
Admixture weighing precision (%)	±1%	±1%	±1%	±1%	±1%	±1%	±1%
Total power (kw)	≤180	≤210	≤250	≤290	≤290	≤330	≤370

HZN series standard concrete batching plant main technical parameters

型 号	HZN120	HZN180	HZN240	HZN270	HZN300	HZN360
Model	120	180	240	270	300	360
Theoretical productivity (m ³)	CTS2000	CTS3000	CTS4000	CTS4500	CTS5000	CTS6000
Mixer model (L)	4200	4200	4200	4200	4200	4200
Discharge height (mm)	20×4	30×4	30×4	40×4	40×4	40×4
Aggregate bins capacity (m ³)	60 (80)	60 (80)	60 (80)	60 (80)	60 (80)	60 (80)
Maximum aggregate size (mm)	≤60	≤60	≤60	≤60	≤60	≤60
Automatic cycle period (s)	±2%	±2%	±2%	±2%	±2%	±2%
Aggregate weighing precision (%)	±1%	±1%	±1%	±1%	±1%	±1%
Cement weighing precision (%)	±1%	±1%	±1%	±1%	±1%	±1%
Water weighing precision (%)	±1%	±1%	±1%	±1%	±1%	±1%
Admixture weighing precision (%)	≤180	≤240	≤280	≤280	≤310	≤350
Total power (kw)						

HZS series standard concrete batching plant main technical parameters

Model	HZS90	HZS120	HZS180	HZS240	HZS270	HZS300	HZS360
Theoretical productivity (m ³)	90	120	180	240	270	300	360
Mixer model (L)	CTS1500	CTS2000	CTS3000	CTS4000	CTS4500	CTS5000	CTS6000
Discharge height (mm)	4200	4200	4200	4200	4200	4200	4200
Aggregate bins capacity (m ³)	15×4	20×4	30×4	30×4	40×4	40×4	40×4
Maximum aggregate size (mm)	60 (80)	60 (80)	60 (80)	60 (80)	60 (80)	60 (80)	60 (80)
Automatic cycle period (s)	≤60	≤60	≤60	≤60	≤60	≤60	≤60
Aggregate weighing precision (%)	±2%	±2%	±2%	±2%	±2%	±2%	±2%
Cement weighing precision (%)	±1%	±1%	±1%	±1%	±1%	±1%	±1%
Water weighing precision (%)	±1%	±1%	±1%	±1%	±1%	±1%	±1%
Admixture weighing precision (%)	±1%	±1%	±1%	±1%	±1%	±1%	±1%
Total power (kw)	≤140	≤180	≤240	≤280	≤280	≤310	≤350

HZS series standard concrete batching plant main technical parameters

Model	HZS50	HZS60	HZS75	HZS90
Theoretical productivity (m ³)	50	60	75	90
Mixer model (L)	CTS1000	CTS1000	CTS1500	CTS1500
Discharge height (mm)	3900	3900	3900	4200
Aggregate bins capacity (m ³)	12×3	12×3	12×3	15×4
Maximum aggregate size (mm)	60 (80)	60 (80)	60 (80)	60 (80)
Automatic cycle period (s)	≤60	≤60	≤60	≤60
Aggregate weighing precision (%)	±2%	±2%	±2%	±2%
Cement weighing precision (%)	±1%	±1%	±1%	±1%
Water weighing precision (%)	±1%	±1%	±1%	±1%
Admixture weighing precision (%)	±1%	±1%	±1%	±1%
Total power (kw)	≤100	≤120	≤120	≤140

Engineering Cases

