

FO Tipper/Mixer/Mining 8x4 SPECIFICATIONS

Model	FOX2WN2R	FOX3WN2R
Crew	3(1+2)	
DIMENSIONS mm		
Wheelbase	5,850	
Overall length	8,060/8,360(mixer)	8,060
Overall width	2,490	
Overall height, approx.	3,000	3,030
Tread	front 2,040	2,060
	rear	1,805
WEIGHTS kg		
Kerb weight *	9,060	9,970
Max. GVW	31,000	
CALCULATED PERFORMANCE		
Max.speed km/h	90	80
Max.gradeability (tan θ)%	47.3(Crawler)	51.9(Crawler)
ENGINE		
Model	6S20, 6.37-liter, 3-valve per Cyl.	
Type	4-stroke cycle, water cooled direct injection, turbocharged diesel engine	
Max.output	205kW/2,200rpm	
Max.torque	1,100Nm/1,200rpm to 1,600rpm	
Alternator	24V/80A	
DRIVE LINE		
Clutch	Dry - Single plate, Hydraulic actuated control with servo assistance	
Transmission	9-speed manual transmission	
gear ratios	9.48 - 6.64 - 4.82 - 3.67 - 2.59 - 1.81 - 1.32 - 1.00 - Crawler 14.57 - Rev: 13.86	
Final reduction gear	Full floating, topoid gears	Full floating, topoid gears and Hub reduction axle
ratio	4.778	5.333
CHASSIS		
Axle Capacity kg	front(1st+2nd)	12,000
	rear(1st+2nd)	19,000
Tire	front	Single, 11.00-20
	rear	Dual, 11.00-20
Suspension	Front: parabolic Rear: semi-elliptic, bogie	
service	Full air, S-cam, dual circuit	
Brake parking	Spring actuated, pneumatically operated with hand brake valve	
exhaust and engine	Standard	
Fuel tank capacity	240L	
Electrical system - batteries	2x12V, 120Ah	

* Complete Cab chassis vehicle (without driver & rear body) with: ●Coolant ●Fuel tank filled with fuel of 90% of its capacity ●Spare wheel ●Standard tool kit ●Chocks ●All liquids to ensure correct functioning of vehicle ●Warning triangle (if provided)

FO





Agile, Durable, Powered for Profit

- Outstanding gradeability for higher performance on slopes (crawler 47.3% for Tipper)
- Smaller turning circle for greater maneuverability (diameter 19.2 meters for Tipper)
- All welded steel, heavy duty tipper body
- Extra strong steel frame, larger clutch and bigger gears
- Better fuel efficiency, high torque at low rpm
- Unitised fuel pumps with ECU for optimized fuel delivery
- Constant throttle valve engine brake
- Comfortable, ergonomic, crash safe cabin and smooth effortless shifting
- Front and rear antiroll bars are standard equipment

Actual vehicle may differ slightly from pictures shown

Power, Endurance, Performance

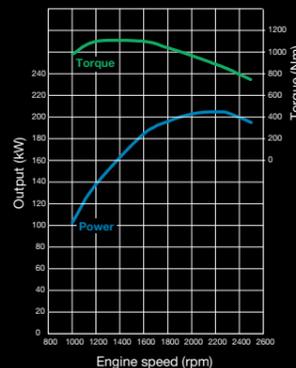


Tipper/Mixer
 Maximum gradeability
 with crawler: **47.3%***
 with 1st gear: **28.7%**
 *Mining: 51.9%



6S20

DIESEL 6.4L
205kW
 /2,200rpm
1,100Nm
 /1,200-1,600rpm



Efficiently Delivering the Power You Need

6.4 liter, 6-cylinder engine with unitized inline fuel injection and constant throttle valve engine brake efficiently delivers 1100 Nm peak torque, for outstanding grade ability.



Smoother Shifting and Greater Durability

The smooth-shifting 9-gear with crawler transmission, bigger (430mm) clutch and larger-diameter double synchronized gears, offer greater durability as well as outstanding gradeability

Plus a Smaller Turning Circle

The 19.2m diameter turning circle (20.2m for FO Mining) enhances maneuverability, especially important when navigating sharp turns on steep slopes.

And a Stronger, More Rugged Frame

Full depth (288mm) thick (9mm) main members combined with selective reinforcement, a design that uniformly distributes stress, and corrosion-resistant shot blasting and powder coating throughout increase both load capacity and durability.

Superior Footwork

The interwheel and interaxle differential lock that improves maneuverability on wet or slushy surfaces is standard equipment.

And Greater Stability Front and Rear

Front and rear antiroll bars combine with wider wheel track to ensure stability when loads are heavy and center of gravity is high.



Comfort as well as strength

With heavy duty multileaf bogie suspension in the rear and wide-mounted heavy duty parabolic springs in front, the FO carries heavier loads while also reducing driver fatigue.



Comfort Plus Safety Equal Greater Productivity



Ergonomic, All Steel, Crash-Safe Cabin

All steel and crash safe, the FO's Extended Day Cabin is also designed for productive comfort, with fully adjustable seats, tilt-and-telescoping steering wheel, and a fold down bunk for breaks.

Convenient overhead console box.

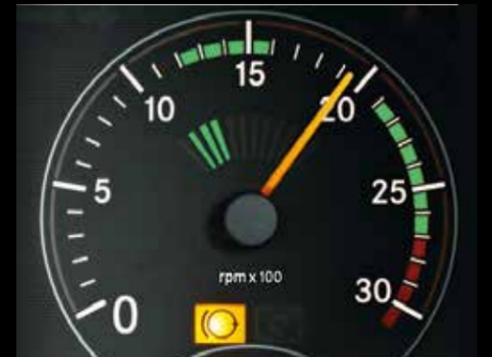


Intelligent Design for Smarter Driving

The design of the Intelligent Instrument Panel makes all vital information visible at a glance. The Trip Mileage Indicator shows how far the truck has traveled and how much fuel has been consumed.

Smarter, Quieter, More Fuel Efficient

Variable Green band light glows to warn driver if driving at high rpm in low gear or low rpm in high gear. Shifting to appropriate torque saves fuel and reduces engine and power train wear.



To Optimize Driver Productivity

Ideally positioned steps, grips and wider doors for ease of entry and exit. Rear windows that open to increase ventilation or close to reduce noise. Fold down bunk standard. Greater comfort increases driver productivity.

Safety and Quality, Both Priority No.1



For Effective and Safe Braking
Heavy duty wider and thicker brake linings of same-size on front and rear.
High capacity compressor with bigger air tanks.



Stability in Front
Combined with a wider wheel track, front antiroll bar increases stability, enhancing maneuverability.



Stability in Rear
The rear antiroll bar is also standard equipment, vital when carrying heavy loads with high centers of gravity.

Every Component is Proven Technology
Every component is proven technology that has survived over 11 million kilometers on the test track and been proven in use worldwide.

The Reliable Service You Need
Service combining state-of-the-art digital technology with highly trained mechanics is available from your FUSO dealer.



Every Truck Must Pass Through All Quality Gates
FUSO trucks are built at a state-of-the-art manufacturing facility, which also trains our service personnel. They are rigorously inspected at every step of the manufacturing process.

All for you

At FUSO we design and build trucks to maximize our customers' profitability. We build them strong and reliable, to need less frequent maintenance. We build them fuel-efficient, to lower running costs.

We build them safer and more comfortable, to minimize driver fatigue. Everything that we build into them is designed to lower your total cost of operation and maximize your profits. It's a virtuous cycle: By making your business more profitable, we grow our business, too. It's all for you.



Trusted
Quality

Economic
Efficiency

Solid & Functional
Design

Committed
Service

Wide
Choice



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