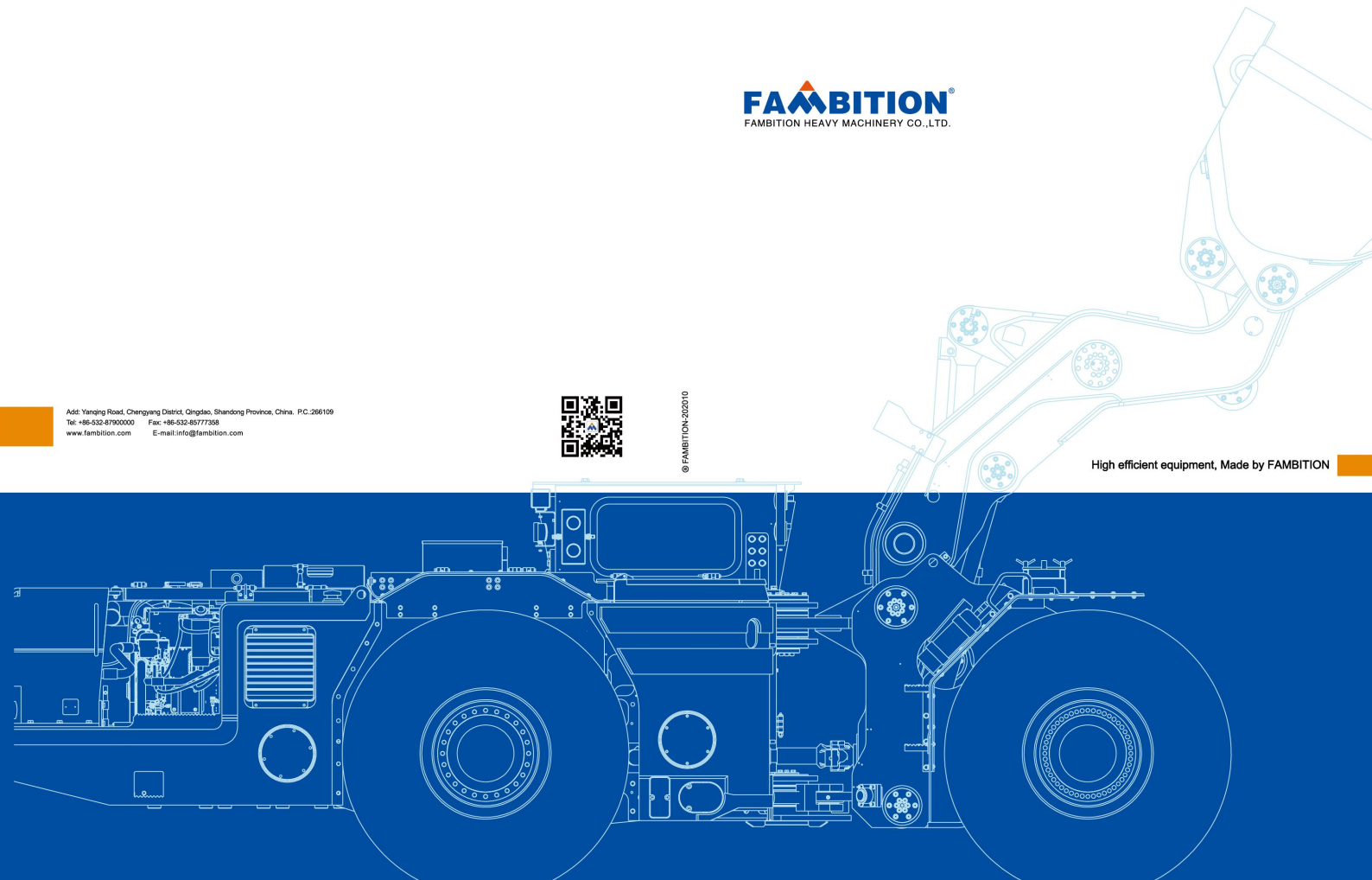




© FAMBITION-202010

Add: Yangqing Road, Chengyang District, Qingdao, Shandong Province, China, P.C:266109
Tel: +86-532-87900000 Fax: +86-532-85777358
www.fambition.com E-mail: info@fambition.com

High efficient equipment, Made by FAMBITION



About FAMBITION

Located at Laixi Economic Development Zone of Qingdao City, FAMBITION is a well known and specialised mining trackless equipment manufacturer. Aspiring to become a technologically leading enterprise, FAMBITION have developed more than 30 models of LHD, LPT and Utility Vehicle, which have been granted Mining Safety Certificate, FOPS&ROPS Certificate, and CE Certificate.

Being an advanced technology enterprise, Fambition is a show flat of replacing old growth driver with new grow driver of Shandong Province, with direct investment from LUCION Group, a state owned investment holdings group. Fambition is also a member of drafting committee who made National Standard for Underground Utility Vehicle. ISO9001 Quality Certified, Fambition commit itself to making safe, efficient, intelligent trackless equipment for global underground mines, improving Load-Haul-Dump efficiency and lowering operaiton cost, to realize sustainable production.

Fambition pays high attention to technical innovation and cherishes product quality as our lives. Following international leading brands as the benchmark, we ensure the excellent quality of each vehicle based on the safe, eco-friendly, high-efficient, energy-saving, intelligent, comfortable and reliable design concept, with scientific manufacturing process and strict quality control system.Fambition is committed to enhance customer's production efficiency, reduce running cost, meanwhile, devoted to improve the miners' security and working environment.

Culture

Core Philosophy: In the same boat, pursuing excellence.

Service Concept: Efficient, high-quality, professional,Service beyond customers' expectation.



Certificate





Research & Development Team

FAMBITION has a R&D team of rich experience and professional knowledge. The r&d and design of all products closely follows the development direction of similar products in the international market. The design goal is to ensure safety and reliability and meet various requirements of customers. With focus on design concept of easy operation, easy maintenance & lower labor intensity, lower downtime, higher production rate, lower running cost etc. All drawings and stress analysis are done with the latest 3D software technology.



Assemble process and control

All Fambition equipment are manufactured independently by Fambition Heavy Machinery Co., Ltd. The assembling is conducted as per Assemble-Instruction strictly, with full record to track and inspect.

Quality Control & Test

FAMBITION production process is managed according to ISO9001 quality management system; All vehicle is inspected according to GB/T, GB25518-2010 underground loader standard in a large testing ground with various simulated working conditions. They must be qualified through test before delivery.

Running Files for each vehicles is established and continuous improvement is made according to specific request on site to satisfy customers.



After Sales Service

An experienced fast service team with skills accumulated by repairing thousands of vehicles;
More than 15 million dollar spare parts in stock all the time;
Having trackless equipment overhaul center, Efficient processing mechanism with files database support;
Service beyond customer expectation is team philosophy;
122 Guarantee Solution: 12 months or 2000 working hours guarantee for the vehicle since acceptance;
2471 Reassurance Project: 24 hours online support, within 7 hours Fambition technician go to the requested site, and 1 day to recover production.
321 Housekeeper action :3 times regular inspections within warranty period, twice on-site technical training, 1 formal diagnosis report for each inspection.



Fabricating Equipment & Capability

Large Cutting and Welding Center that make precise engineering;
Large CNC center that finish fabrication in one time;
Large Annealing Furnace that process the whole vehicle frame to prevent transformation or crack;

LHD(Load-Haul-Dump) Series



FAMBITION series LHD is designed, manufactured and tested in strict accordance with ISO9001, ISO14001, CE-MD standards, following safety, environmental protection, efficient, intelligent and reliable design concepts. It has features of high efficiency in shovel loading, low maintenance cost strong power and strong shoveling capacity.

Underground Mining Truck Series



FAMBITION series Mining Truck is designed, manufactured and tested in strict accordance with ISO9001, ISO14001, CE-MD standards, following safety, environmental protection, efficient, intelligent and reliable design concepts. It has features of high transport efficiency, low maintenance cost, strong power and heavy loading capacity.

Advantages



Safety

All of them adopt wet reinforced spring brake systems on all wheels.
FOPS/ROPS enclosed driver cab (open cab available), ISO certificate.
Remote control available for mining work in dangerous area.
All products are manufactured by then National Security & Engineering Standard, with Mining Safety Certificate.



Reliability

Original low pollution engine (DEUTZ, CUMMINS, MERCEDES, VOLVO), can be customized as per specific project request, such as air cooling, water cooling and palteau type.
DANA torque converter & transmission, DANA or Kessler axle, SAHR brake, with less down time.
Vehicle frame is made of special alloy, adopts full annealing and sand blasting derusting and key weld inspection to ensure the strength of the frame and avoid cracking and deformation;
All cables are protected by corrugated pipe, meanwhile, electric parts are proven brand. The connection is well sealed, waterproof, anti-wet and dustproof to improve system life.



Control

Hydraulic pilot control, electric control, electric-hydraulic control are available on the vehicle to make work easier and more efficient. Hydraulic parts are mainly from Parker, Rexroth and etc. global famous brand, and lots of hydraulic hard pipes are applied, that guarantee the whole control system low failure rate and higher up time.



Comfort

Driving and servicing Spaces comply with national standards and ergonomic requirements
Easy operation
Air suspension seat
Wide working view
Noiseless environment



Intelligence

Based on CAN-bus technology, the interactive display could show real time operation parameters and state. Any alarm, it will pop up a window to warn operator and reduce failure. When failure happened, a self-diagnostics and troubleshooting will start which make maintenance easier. Compared with traditional mechanical control, hydraulic control and electric control, FL series LHD has a smarter control system. It can easily access to mine digital network and realize remote control operation.



Option

Central lubrication system, free worker from maintenance.
Low pollution engine with platinum catalytic purifier;
ANSUL automatic fire extinguish system;
Enclosed cabin with air-condition available
Bucket of different capacities available.

FL14E



Feature

FL14E is an electric LHD designed for large scale underground metal mines production, payload 14 mt. FL14E has a horizontal cable reeling system that enables the loader to pass power supply box without turning and can travel flexibly. The electric cabinet could protect personnel and equipment from all electricity danger. Trailing system gives an easier transfer between different stopes. FL14E has an EHC variable hydraulic system and constant tension sensing cable-reel control system. The on board display could show real time operating parameters and state, including self-diagnostics. Standard stadia remote control system, auto lubrication system and Ansul auto fire suppression system are optional for the loader. FL14E is an optimized load-haul solution to large scale mining

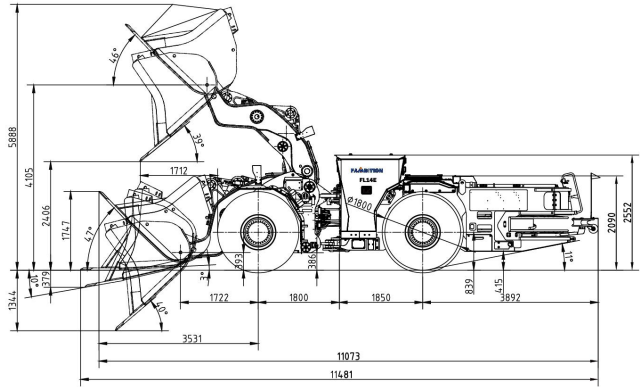
Specification

Performance	Power system	Drivetrain system	Cable reeling system
St bucket capacity: 8 m ³	Main motor: VEM IE3-W41R 315	Torque converter: DANA C8000	Cable: 330m, 4 x 50 mm ²
Rated payload: 14,000 kg	132kW 1500 rpm, 1000V, 50Hz	Transmission: DANA 6000	Type: horizontal cable reeler
Operating weight: 39,000 kg	Pump motor: VEM IE3-Y41R 225	Axle: Kessler D106	Electric cabinet (IT)
Breakout force: 246 kN	45 kW, 1482 rpm, 900V, 50Hz	Brake: Posi-Stop wheel brake	Others: cable anchor, cable cushion, plug
Traction force: 240 kN	Fan motor: 2 x 1.5kW	Tire model: 26.5-25	Trailing: on board trailing system, trailing bar

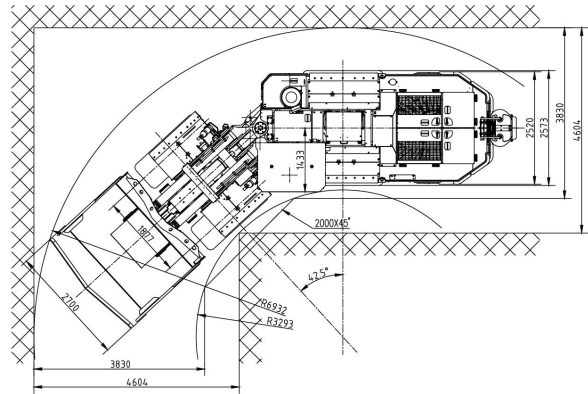
Dimension	Hydraulic system	Control system	Cabin
Length: 11,073 mm	Hydraulic pump: KPM	FET electronic technician	FOPS/ROPS Certified
Width: 2783 mm (cabin included)	Load sensing variable plunger	CAN-bus technology	Enclosed cabin with air conditioner
Height: 2552 mm	double pump	5.7" color display	Manual central lubrication
Ground clearance: 386 mm	Working valve: Parker	3 modular design	
Dump height: 2406 mm	Steering valve: Parker	Radio remote control device	Option
Steering angle: ±42.5°	Hydraulic oil tank volume	Trouble alarm	Bucket: 4.6~7.0 m ³
Inner turning radius: 3293 mm	Work & steer tank: 320L	Self-diagnosis	Lincoln auto lubrication system
Outer turning radius: 6932 mm	Brake tank: 70L	Data log download	Ansul auto fire suppression system

FAMBITION reserves the rights to update this specification without further notification.

Side view



Steering view



FL10E



Feature

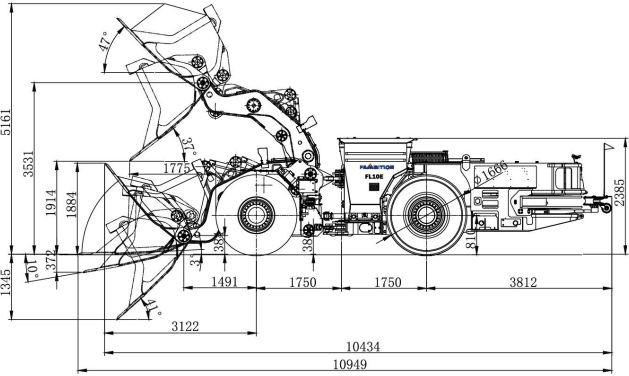
FL10E is an electric LHD designed for medium and large scale underground metal mines, payload 10 metric tons. FL10E equipped with horizontal reel system that enables the LHD pass the junction box without a U-Turn. It makes driving simple and flexible. The power cabinet on the LHD can protect the personnel and equipment from all electric danger. The towing system allows the LHD to move easily and safely. The FL10E LHD is equipped with an electro-hydraulic controlled variable hydraulic system, and a constant tension induction automatic control cable-reel system. The on-board display screen can display the operating parameters of the LHD in real time and has a self-diagnosis function. Equipped with standard visible radio remote control system, options are automatic centralized lubrication system and Ansul centralized fire protection system.

Specification

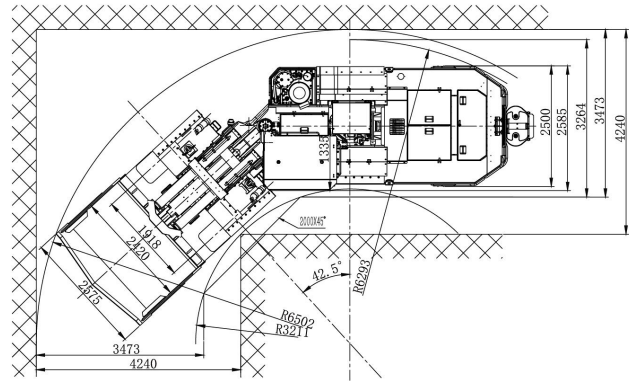
Performance	Power system	Drivetrain system	Cable reeling system
St bucket capacity: 4m ³	Main motor: VEM IE3-W41R	Torque converter: DANA C5000	Cable: 330m, 3×35mm ² ×1×25mm ²
Rated payload: 10,000 kg	110kW, 1487 rpm, 1000V, 50Hz	Transmission: DANA R38000	Type: horizontal cable reeler
Operating weight: 29,000 kg	Pump motor: VEM IE3-Y41R	Axle: Kessler D102	Electric cabinet (IT)
Breakout force: 188 kN	45 kW, 1482 rpm, 900V, 50Hz	Brake: Posi-Stop wheel brake	Others: cable anchor, cable cushion, plug
Traction force: 220 kN	Fan motor: 2 x 1.5kW	Tire model: 18.00-25	Trailing: on board trailing system, trailing bar
Dimension	Hydraulic system	Control system	Cabin
Length: 10,949 mm	Hydraulic pump: KPM	FET electronic technician	FOPS/ROPS Certified
Width: 2530 mm (cabin included)	Load sensing variable plunger double pump	CAN-bus technology	Enclosed cabin with air conditioner
Height: 2385 mm		5.7" color display	Manual central lubrication
Ground clearance: 380 mm	Working valve: Parker	3 modular design	
Dump height: 1914 mm	Steering valve: Parker	Radio remote control device	Option
Steering angle: ±42.5°	Hydraulic oil tank volume	Trouble alarm	Bucket: 4.0~5.4m ³
Inner turning radius: 3211 mm	Work & steer tank: 300L	Self-diagnosis	Lincoln auto lubrication system
Outer turning radius: 6502mm	Brake tank: 75L	Data log download	Ansul auto fire suppression system

FAMBITION reserves the rights to update this specification without further notification.

Side view



Steering view



FL14



Feature

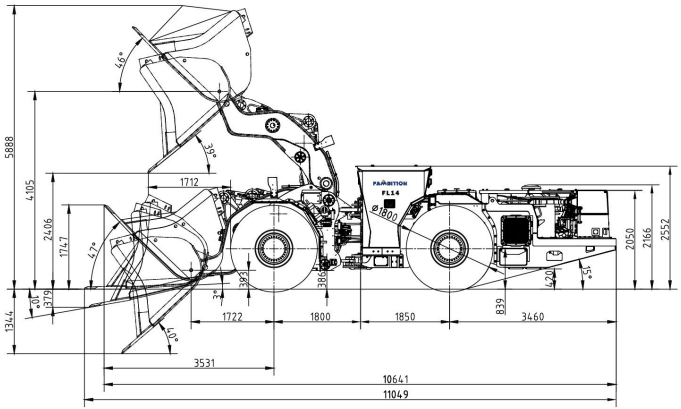
FL14 is a diesel engine LHD designed for large scale underground metal mines production, payload 14 mt
All key components are international well-known brands, the vehicle adopts hydraulic pilot control and EHC variable hydraulic system. The control system based on CAN-bus technology, Fambition Electronic Technician, with on board display to show real time operating parameters with self-diagnostic and troubleshooting. Standard visual remote control system, auto lubrication system and Ansul auto fire suppression system are optional for the loader.

Specification

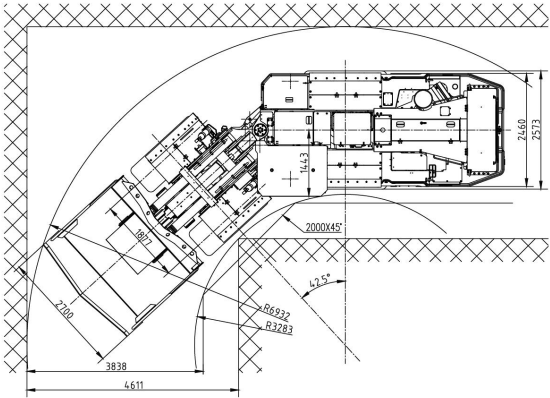
Performance	Engine	Drivetrain	Cabin
St bucket capacity: 6 m	Model: Volvo TAD1350VE	Torque converter: DANA C9000	FOPS/ROPS Certified
Rated payload: 14,000 kg	Power: 256kW@1900rpm	Transmission: DANA 6000	Enclosed cabin with air conditioner
Operating weight: 39,000 kg	Torque: 1780Nm@1260rpm	Axle: Kessler D106	Door interlock
Breakout force: 246 kN	Type: EFI, water cooled, Turbo charged	Brake: Post-Stop wheel brake	Double joystick control
Traction force: 324 kN	Emission: Tier3Stage III	Tire model: 26.5-25	LED front and rear lights
Dimension	Hydraulic system	Control system	Others
Length: 10,641 mm	Hydraulic pump: Rexroth	FET electric technician	Manual central lubrication, fire extinguisher
Width: 2793 mm (cabin included)	Load sensing variable plunger double pump	CAN-bus technology	Boom lock pin, articulation pin, reverse alarm
Height: 2552 mm	Hydraulic valve: Rexroth, Parker, Mico	5.7" color display	
Ground clearance: 386 mm	Hydraulic oil tank volume	3 modular design	Option
Dump height: 2406 mm	Work & Steer tank: 230L		Bucket: 4.6~7.0 m
Steering angle: ±42.5°	Brake tank: 75L	Alarm warning	Lincoln auto lubrication system
Inner turning radius: 3283 mm	Fuel tank: 420L	Self-diagnosis	Ansul auto fire suppression system
Outer turning radius: 6932 mm	Cooler: engine, transmission oil, hydraulic oil	Data log download	Radio remote control device

FAMBITION reserves the rights to update this specification without further notification.

Side view



Steering view



FL10



Feature

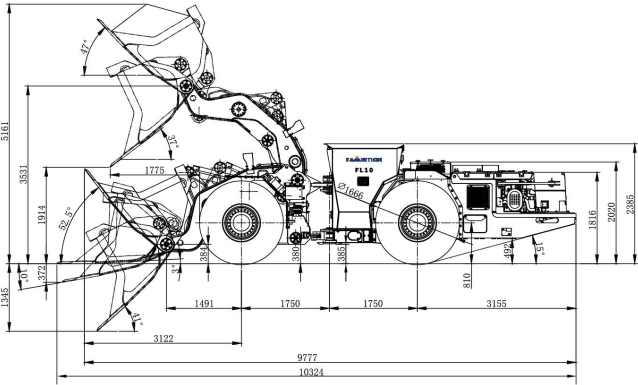
FL10 is a diesel engine LHD designed for large scale underground metal mines production, payload 10 mt. All key components are international well-known brands, the vehicle adopts hydraulic pilot control and EHC variable hydraulic system. The control system based on CAN-bus technology, Fambition Electronic Technician, with on board display to show real time operating parameters with self-diagnostic and troubleshooting. Standard visual remote control system, auto lubrication system and Ansul auto fire suppression system are optional for the loader. The design and manufacturing of FL10 is in the first class of the industry, higher production capability, lower downtime and lower operating cost.

Specification

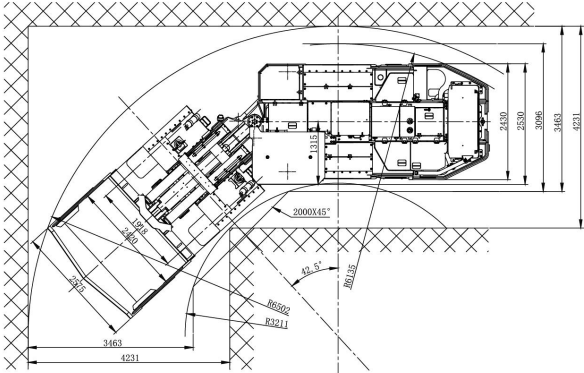
Performance	Engine	Drivetrain	Cabin
SI bucket capacity: 4 m ³	Model: Volvo TAD853VE	Torque converter: DANA C5000	FOPS/ROPS Certified
Rated payload: 10,000 kg	Power: 235 kW@2200 rpm	Transmission: DANA R36000	Enclosed cabin with air conditioner
Operating weight: 29,000 kg	Torque: 1064 Nm@1500 rpm	Axle: Kessler D102	Door interlock protection
Breakout force: 188 kN	Type: EFL, water cooled, Turbo charged	Brake: Posi-Stop wheel brake	Double joystick control
Traction force: 200 kN	Emission: Tier3Stage III	Tire model: 18.00-25	LED front and rear lights
Dimension	Hydraulic system	Control system	Others
Length: 9777 mm	Hydraulic pump: Rexroth	FET electric technician	Manual central lubrication system fire extinguisher
Width: 2602 mm (Cabin included)	Load sensing variable plunger double pump	CAN-bus technology	Boom bolt/hinge bolt reverse alarm
Height: 2385 mm	Hydraulic valve: Rexroth, Parker, Mico	5.7" color display	Option
Ground clearance: 380 mm	Hydraulic oil tank volume	3 Modular design	Bucket capacity: 4.0~5.4 m ³
Dump height: 1914 mm	Work & Steer: 240L		SKF central automatic lubrication system
Steering angle: ±42.5°	Brake tank: 57L	Trouble alarm	Ansul auto fire suppression system
Inner turning radius: 3211 mm	Fuel tank: 310L	Self-diagnosis	Mercedes EFL diesel engine
Outer turning radius: 6502 mm	Cooler: engine, transmission oil, hydraulic oil	Data log download	Radio remote control device

FAMBITION reserves the rights to update this specification without further notification.

Side view



Steering view



FL07



Features

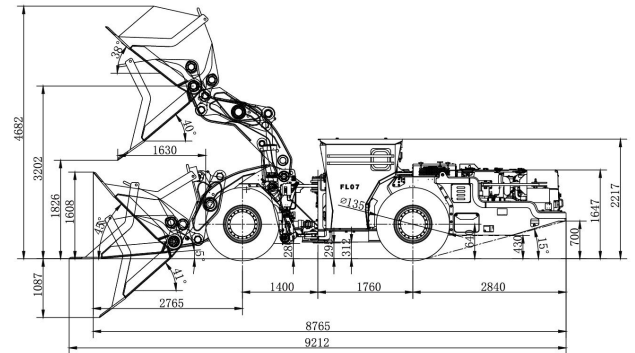
FL07 is a 7-ton diesel LHD designed for medium underground metal mines. The main parts of FL07 use international famous brand, the whole vehicle control system adopts CAN-bus communication technology. Fambition Electronic Technician, electro-hydraulic proportional pilot control and variable hydraulic system. The control system is designed on the basis of CAN-bus. The on-board display screen can display the operating parameters of the scraper in real time, and has the functions of fault warning and self-diagnosis. Optional automatic central lubrication system and Ansul automatic fire extinguishing system. The design and manufacture of FL07 have reached the advanced level of the industry, the production capacity is high, the failure rate is low, the use cost is low.

Specifica

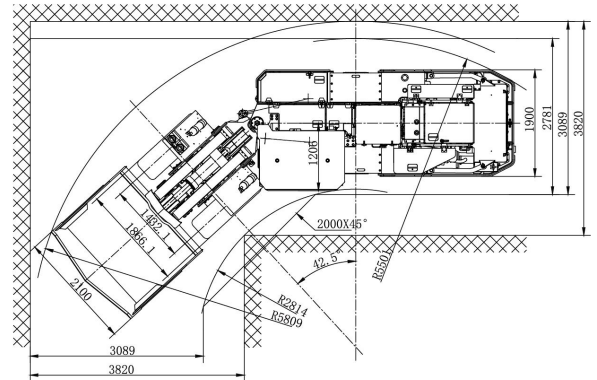
Performance	Engine	Drivetrain	Cabin
St bucket capacity: 3 m ³	Model: Volvo TAD850VE	Torque converter: DANA C270	FOPS/ROPS Certified
Rated payload: 7,000 kg	Power: 160 kW@2200 rpm	Transmission: DANA R32000	Enclosed Cabin with air conditioner
Operating weight: 18,500 kg	Torque: 1060 Nm@1500 rpm	Axle: Kessler D91/DANA 16D	Door interlock protection
Breakout force: 134 kN	Type: EPI, water cooled, Turbo charged	Brake: Post-Stop Wheel Break	Double joystick control
Traction force: 156 kN	Emission standard: Tier3/Stage III	Tire size: 17.5-25	LED Light Front and rear lights
Dimension	Hydraulic system	Control system	Others
Length: 8765 mm	Hydraulic pump: Rexroth	FET Electronic technician	Manual central lubrication system, fire extinguisher
Width: 2256 mm (cabin included)	Load sensing variable plunger double pump	CAN-bus technology	Boom bolt /hinge bolt /reverse alarm
Height: 2217 mm	Hydraulic valve: Rexroth, Parker, Mico	5.7" color display	
Ground clearance: 286 mm	Fuel tank capacity	3 Modular design	Option
Dump height: 1626 mm	Hydraulic oil tank: 230L		SKF auto lubrication system
Steering angle: ±42.5°	Fuel tank capacity: 210L	Trouble alarm	Ansul auto fire suppression system
Inner turning angle: 2814 mm	Cooler: Engine, transmission oil, Hydraulic oil	Self-diagnosis	Radio remote control device
Outer turning angle: 5809 mm		Data log download	

FAMBITION reserves the rights to update this specification without further notification.

Side view



Steering view



FL04



Features

FL04 is a 4 ton diesel LHD specially designed for small underground metal mines. It has a compact structure and smaller turning radius, especially suitable for narrow roadways.

The FL04 is equipped with a 89kW CUMMINS Engine QSB4.5 with 89 Kw rated power, which has strong power, strong Breakout force and low failure rate due to high power reserve. Steering operation control adopts hydraulic handle, convenient and comfortable operation. The braking system adopts Post-Stop spring brake and hydraulic release brake, and the safety is better.

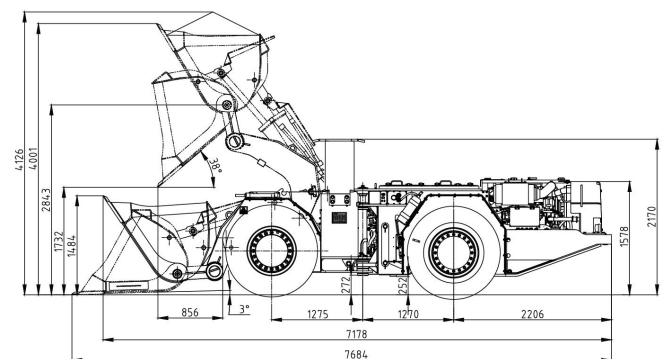
The FL04 highland type LHD is equipped with Deutz BF6L914 engine with power of 112 kW. The power of the engine is 71.5 kW at an altitude of 4500 meters, which meets the requirements of high altitude operation.

Specification

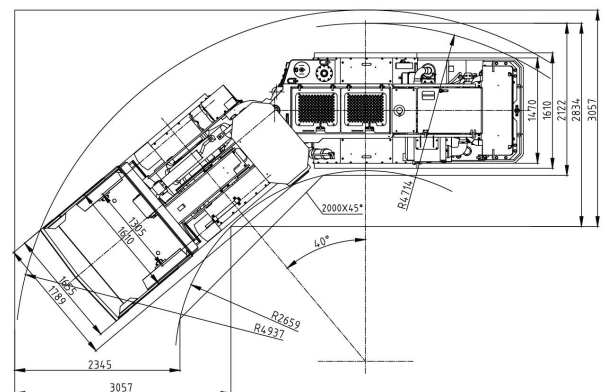
Performance	Engine	Drivetrain	Cabin
Capacity: 2 m ³	Model: CUMMINS QSB4.5	Torque converter: DANA C270	FOPS/ROPS Certified Safety roof
Rated payload: 4,000 kg	Power: 97 kW@2300 rpm	Transmission: DANA R32000	Joystick control
Operating weight: 13,100 kg	Torque: 572 Nm@1500 rpm	Axle: DANA 14D	Steering and Working hydraulic pilot control
Breakout force: 110 kN	Type: Electric injection, water cooled Engine	Brake: Post-Stop Wheel brake Break	Electronically controlled shift, hydraulic throttle control
Traction force: 130 kN	Two stage filtration, catalytic purifier	Tire size: 12.00-24	LED Front and rear lights
Dimension	Hydraulic system	Electric system	Others
Length: 7178 mm	Hydraulic pump: Parker gear pump	Voltage: 24V	Manual central lubrication system
Width: 1789 mm (cabin included)	Hydraulic valve: Rexroth, Parker, Mico	Component: Bosch, Tyco, Deutsch	Fire Extinguisher
Height: 2170 mm	Hydraulic oil tank capacity: 144 L		Boom Lock Pin, Articulation Lock
Ground clearance: 252 mm	Fuel tank capacity: 148 L	Travel speed (full load)	Pin, Reverse Alarm.
Dump height: 1732 mm		1 st gear: 5.2 km/h	Option
Steering angle: ±40°	Bucket motion time	2 nd gear: 9.6 km/h	Lincoln auto lubrication system
Inner turning radius: 2659 mm	Lifting: 4.1 s	3 rd gear: 16 km/h	Ansul auto fire suppression system
Outer turning radius: 4937 mm	Dumping: 3.2 s	4 th gear: 26.7 km/h	DEUTZ air cooled Engine

FAMBITION reserves the rights to update this specification without further notification.

Side view



Steering view



FT30



Features

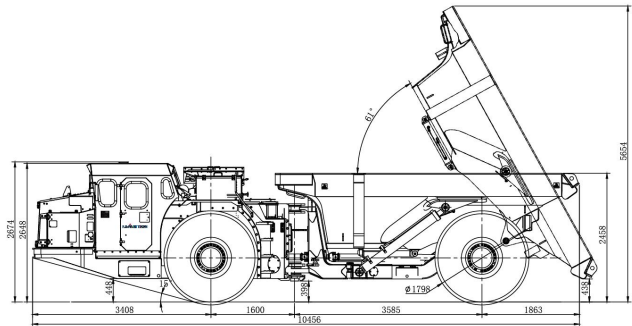
The payload of FT30 is 30 tons. FT30 equipped with a forward-drive cabin that fully enclosed, shock-absorbing and air conditioning. FT30 has good visibility and comfort. the whole vehicle control system adopts CAN-bus communication technology,Fambition Electronic Technician, electro-hydraulic proportional pilot control and variable hydraulic system. The control system is designed on the basis of CAN-bus. The on-board display screen can display the operating parameters of the scraper in real time, and has the functions of fault warning and self-diagnosis.The truck adopts Volvo water-cooled EFI engine to meet Euro III emission standards, and other parts adopt internationally well-known brands to meet the tough conditions and climbing requirements for underground. SKF auto lubrication system and Ansul auto fire suppression system are optional.

Specification

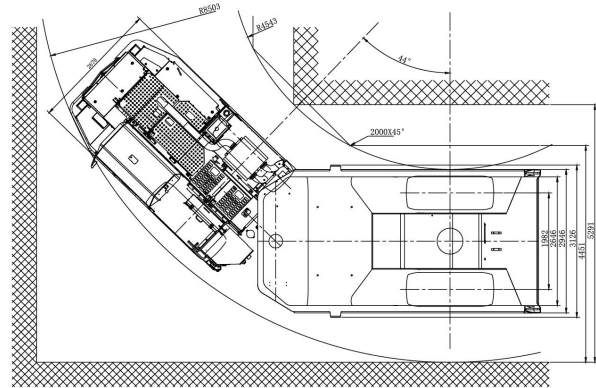
Performance	Engine	Drivetrain	Safety
Rated payload: 30,000 kg	Model: volvoTAD1352 VE	Torque converter: DANA C8000 series	FOPS/ROPS Certified Safety Cabin
Operating weight: 29,000 kg	Power: 315 kW@1900 rpm	Transmission: DANA 6000 series	Forward facing drive
Box size: 16 m³	Torque: 2175 Nm@1200 rpm	Axle: Kessler D91 series	Seat safety belt
Max. grade ability: 26.8%	Emission standard:Tier 3,Stage III	Brake: Posi-Stop Wheel brake	Reverse alarm
		Tire size: 26.5R25	Box supporter
			Fire Extinguisher
Dimension	Speed (full loading)	Hydraulic system	Fuel system
Length: 10456 mm	1 st gear:0-6.2 km/h	Hydraulic pump: Parker piston pump	Fuel tank volume: 430L
Width: 3126mm	2 nd gear:0-11.1 km/h	Hydraulic Valve:Parker	Filter fineness: 4 μm
Height (Cabin): 2648 mm	3 rd gear:0-19.6 km/h	Hydraulic oil tank:265 L	
Height (Box): 2458 mm	4 th gear:0-35 km/h	Filter: return oil filter	
Ground clearance: 398 mm	Turning radius	Electric system	Option
Dump height: 5654 mm	Steering angle: ±44°	Voltage: 24 V	SKF auto lubrication system
	Inner radius:4543 mm	Alternator: 28 V/110A	Ansul auto fire suppression system
	Outer radius:8503 mm	Light: 48WLED	Tier IV engine

FAMBITION reserves the rights to update this specification without further notification.

Side view



Steering view



FT20



Features

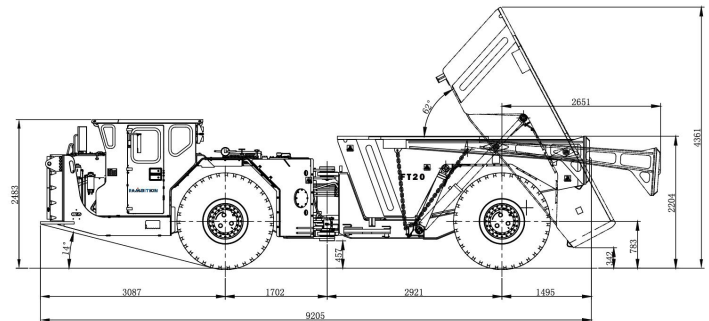
Rated payload 20 metric tons, FT20 is front facing operated mining truck with enclosed cabin, air-con, shock-absorption, good vision ability and comfort. Its control system consists of CAN-BUS technology, FET electrical technician, Real-Time Operation Display, Fault Alarm and Self Diagnosis. FT20 is equipped with a Cummins water cooled electric injection Engine, Euro III standard. It applies brand components and is designed for tough underground road conditions. There're options of SKF automatic lubrication system and Ansul Fire Extinguishing System.

Specification

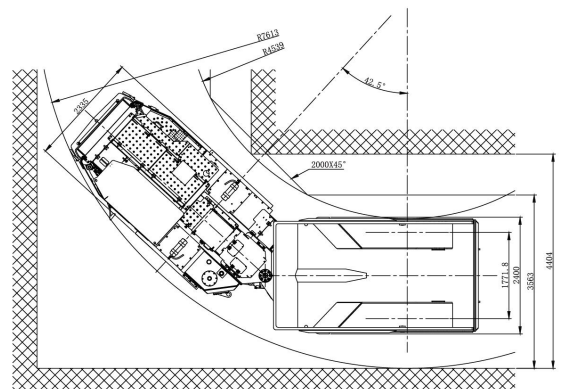
Performance	Engine	Drivetrain	Safety
Rated payload: 20,000 kg	Model: CUMMINS QSL9	Torque converter: DANA C8000	FOPS/ROPS certified
Operating weight: 23,000 kg	Power: 224 kW@2100 rpm	Transmission: DANA 6000	Forward facing drive
Box size: 10 m³	Torque: 1369 Nm@1500 rpm	Axle: DANA 19D	Seat safety belt
Max. grade ability: 25%	Emission standard: Tier 3	Brake: Posi-stop wheel brake	Reverse alarm
		Tire size: 18.00 R25	Box supporter
			Fire extinguisher
Dimension	Speed (full loading)	Hydraulic System	Fuel System
Length: 9205 mm	1 st gear: 0-4.5 km/h	Hydraulic Pump: Parker, gear pump	Fuel tank volume: 350 L
Width: 2400 mm	2 nd gear: 0-8.0 km/h	Hydraulic valve: Parker, SUN, Mico	Filter fineness: 3 µm
Height (Cabin): 2483 mm	3 rd gear: 0-13.7 km/h	Hydraulic oil tank volume: 200 L	
Height (Box): 2204 mm	4 th gear: 0-23.9 km/h	Filer: suction filter	Options
Ground clearance: 457 mm	Turning Radius	Electric System	SKF Auto Lubrication system
Dump height: 4361 mm	Steering angle: ±42.5°	Voltage: 24V	Ansul auto fire suppression system
	Inner turning radius: 4539 mm	Alternator: 28V/70A	MERCEDES EFI diesel Engine
	Outer turning radius: 7613 mm	Work light: 48W, LED	Open cabin

FAMBITION reserves the rights to update this specification without further notification.

Side view



Steering view



FT15



Features

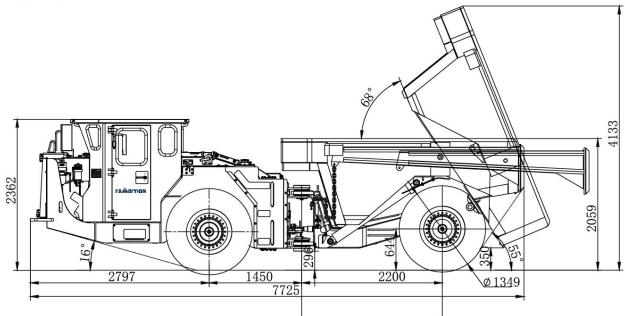
FT15 is a 15 ton payload, front-facing operated mining truck for underground long distance ore transportation. It has compact design, small turning radius, and big dumping angle. It applies Volvo TAD850VE 160 Kw Engine and other brands component, to meet tough UG road conditions.

Specification

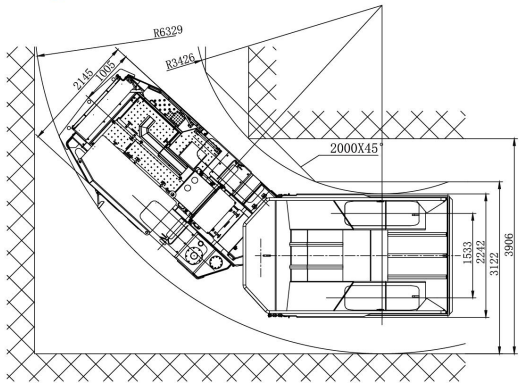
Performance	Engine	Drivetrain	Safety
Rated payload: 16,000 kg	Model: TAD850VE	Torque converter: DANA C320 series	FOPS/ROPS Certified cabin
Operating weight: 17,400 kg	Power: 160 kW@2200 rpm	Transmission: DANA R32000	Forward facing drive
Truck capacity: 7.5 m³	Torque: 1060 Nm@1350 rpm	Axle: Kessler D91 series	Seat safety belt
	Emission standard: Tier3 Stage III	Brake: POSI-STOP wheel brake	Reverse alarm
		Tire size: 17.5-25	Box supporter
			Fire extinguisher
Dimension	Speed (full loading)	Hydraulic system	Fuel System
Length: 7725 mm	1 st gear: 0-4.4 km/h	Hydraulic pump: Parker, gear pump	Fuel tank volume: 220 L
Width: 2261 mm	2 nd gear: 0-8.8 km/h	Hydraulic valve: Rexroth, Parker, Mico	Filtration: 4 µm
Height (cabin): 2362 mm	3 rd gear: 0-14.8 km/h	Hydraulic oil tank volume: 180 L	
Height (truck box): 2059 mm	4 th gear: 0-25.2 km/h		
Min. ground clearance: 296 mm			
Max. dump height: 4133 mm			
Box lifting time: 11 s	Turning radius	Electric System	Options
Box lowering time: 8.2 s	Steering angle: ±42.5°	Voltage: 24V	SKF Auto Lubrication system
Max. Traction force: 167 kN	Inner turning radius: 3426 mm	Alternator: 28V/110A	Ansul auto fire suppression system
Max. Grade ability: 25%	Outer turning radius: 6329 mm	Working light: 48W, LED	

FAMBITION will reserve rights to improve this specification without further notification.

Side view



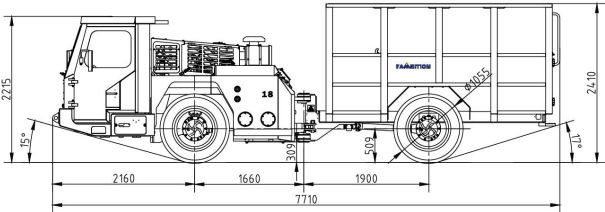
Steering view



FPT18



Side view



Features

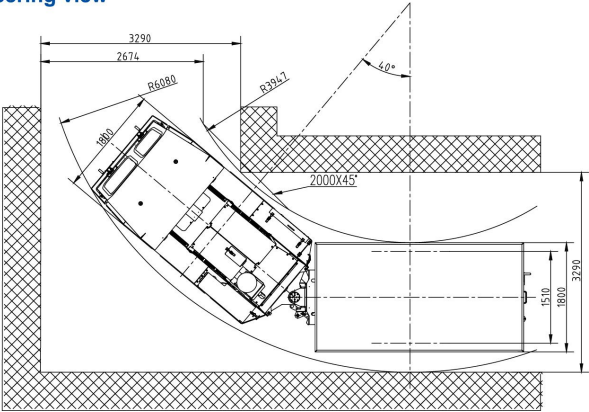
FPT18 is a personnel carrier for underground mine with capacity of 18 persons. It applies central articulation design, steering gear, small turning radius, and good for underground travel. Both cabin and carrier are ISO ROPS/FOPS certified for safety. Control system consists of CAN-bus technology, FET electric technician, Real-Time performance Display on board, Fault Alarm and Self-Diagnosis.

Specification

Performance	Turning radius	Power System	Electric System
Carrier capacity: 18 persons	Steering angle: $\pm 40^\circ$	Engine: Cummins QSB4.5,	Voltage: 24V
Rated payload: 4,200 Kg	Inner turning radius: 3,947 mm	electric control, water cooled, 97	Alternator: 80A
Operating weight: 8,300 kg	Outer turning radius: 6,080 mm	kW, Tier 3	Battery: 2 x 110Ah
Cabin & Carriage		Exhaust System: Canada,	Work light: 4 x 48W, 2 head
ISO ROPS/FOPS certified	Speed (level, full loaded)	Catalytic platinum purifier &	lights, 2 rear lights
	1st gear: 4.9 km/h	silencer	
Dimension	2nd gear: 12.5 km/h	Transmission: DANA T12000, 3	Brake System
Length: 7,710 mm	3rd gear: 23.7 km/h	gears FWD/RVS each	Service brake: POSI-STOP
Width: 1,800 mm		Axle: DANA 112, mining rigid axle,	spring applied hydraulic release
Height: 2,410 mm	Hydraulic System	oscillation $\pm 10^\circ$, fixed rear axle.	brake, with reinforced oil
Ground clearance ≥ 290 mm	Steering pump: Danfoss	Tire size: 10.00 - 20	cooling.
	Charging valve/pedal valve: MICO		
	Parking solenoid: Wagers		

FAMBITION reserves the rights to update specifications without further notification.

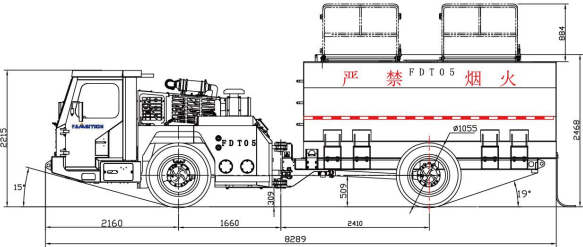
Steering view



FDT05



Side view



Features

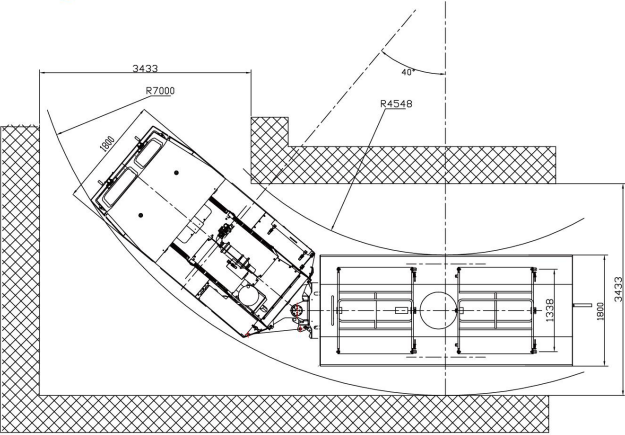
FDT05 is a fuel transporting vehicle specially designed for underground mines, Max payload 6000L. The front and rear frame adopts articulated connection. FDT05 is steered by a steering gear with a small turning radius, which is suitable for underground roadway operation. The driver cabin is certificated by FOPS/ROPS that ensures the safety of personnel. The control system is based on CAN-bus bus design, FET electronic technicians, the on-board display screen can display the operating parameters in real time, and FDT05 has the functions of fault warning and self-diagnosis.

Specification

Performance	Turning radius	Power System	Electric System
Rated fuel tank capacity: 6,000 L	Steering angle: $\pm 40^\circ$	Engine: Cummins QSB4.5,	Voltage: 24V
Rated payload: 5,000 kg	Inner turning radius: 4,548 mm	electric control, water cooled, 97	Alternator: 80A
Operating weight: 10,000 kg	Outer turning radius: 7,000 mm	kW, Tier 3	Battery: 2 x 110Ah
Driver cabin		Exhaust System: Canada,	Work light: 4 x 48W, 2 head
ISO ROPS/FOPS certified	Speed (level, full loaded)	Catalytic platinum purifier &	lights, 2 rear lights
	1st gear: 5 km/h	silencer	
Dimension	2nd gear: 12 km/h	Transmission: DANA T12000, 3	Brake System
Length: 8,289 mm	3rd gear: 22 km/h	gears FWD/RVS each	Service brake: POSI-STOP
Width: 1,800 mm		Axle: DANA 112, mining rigid axle,	spring applied hydraulic release
Height: 2,468 mm	Hydraulic System	oscillation $\pm 10^\circ$, fixed rear axle.	brake, with reinforced oil
Ground clearance ≥ 290 mm	Steering pump: Danfoss	Tire size: 10.00 - 20	cooling.
	Charging valve/pedal valve: MICO		
	Parking solenoid: Wagers		

FAMBITION reserves the rights to update specifications without further notification.

Steering view



FET2.5



Features

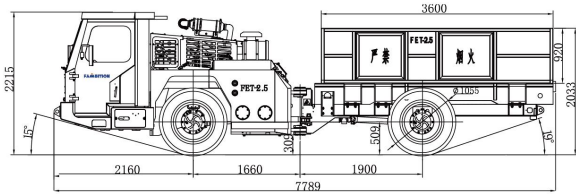
FET2.5 is a blasting equipment and explosive transport vehicle specially designed for underground mines and can carry up to 2.5 tons load. The transport vehicle adopts an articulated front and rear frame, steering with a steering gear, and a small turning radius, which is suitable for underground roadway operation. The cab is designed in accordance with ISO ROPS/FOPS certification standards to ensure the safety of personnel. The control system is based on CAN-bus bus design, Fet electronic technicians, the on-board display screen can display the operating parameters in real time, and has the functions of fault warning and self-diagnosis.

Specification

Performance	Turning radius	Power System	Electric System
Rated payload 2,500 Kg	Steering angle: ± 40°	Engine: Cummins QSB4.5,	Voltage: 24V
Operating weight 8,500 Kg	Inner turning radius: 3,932 mm	electric control, water cooled, 97	Alternator: 80A
Cabin	Outer turning radius: 6,108 mm	kW, Tier 3	Battery: 2 x 110Ah
ISO ROPS/FOPS certified		Exhaust System: Canada,	Work light: 4 x 48W, 2 head
	Speed (level, full loaded)	Catalytic platinum purifier &	lights, 2 rear lights
	1st gear: 5 km/h	silencer	
Dimension	2nd gear: 12 km/h	Transmission: DANA T12000, 3	Brake System
Length: 7,789 mm	3rd gear: 22 km/h	gears FWD/RVS each	Service brake: POSI-STOP
Width: 1,830 mm		Axle: DANA 112, mining rigid axle,	spring applied hydraulic release
Height: 2,215 mm	Hydraulic System	oscillation ±10°, fixed rear axle.	brake, with reinforced oil
Ground clearance ≥ 290 mm	Steering pump: Danfoss	Tire size: 10.00 – 20	cooling.
	Charging valve/pedal valve: MICO		
	Parking solenoid: Wagers		

FAMBITION reserves the rights to update specifications without further notification.

Side view



Steering view

