



Office:Rm.1701 High Technology Beijing,China 100083

Tel:+86-10-82883705/06 Fax:+86-10-82883715

Anchises SinoMe(BeiJing)Mining Equipment Co.,Ltd

No.16,Northern Printing Industry Base Center Road,BeiWu Town,Shunyi district,Beijing China

Tel:+86-10-51290069 Fax:+86-10-61491169

Http://www.anchises.com.cn

Email:sales@anchises.com service@anchises.com

Service:+86-10-61491002



The product profile and technical parameters may be upgraded at any time, please refer to the latest product specification or actual product!



We deliver professional manufacturer providing underground mine equipment

LHD, Transportation trucks & service vehicles



Cutting Edge Technologies
Continuons improvements
Customer focused & in pursuit of Perfection

Meeting the most strict Technical environmental & safety Requirements





Advanced Technology

As a member of BGRIMM group, Anchises' team has been taking more than 35 years in developing underground mining vehicles. We are joining a research team with University of Science and Technology Beijing to hold our SinoMe products at an advanced level of world wide and lead enterprises in China in underground mining vehicles area.

Dependable Power System

Applying original DEUTZ, DANA components, qualified Parker (Commercial), Bosch-Rexroth and S-D-D hydraulic components, the power drive and high production efficiency can be achieved by well-designed frame structure and optimized drive line system.

Reliable Safety and Environment Friendly

Having patented products, enclosed wet multi-disk brake, ECS exhaust gas catalyst and silencer, ROPS/FOPS certified drive cab, human engineering designed frame structure, allow for driving comfort, easy maintenance, and security.

Strict Quality Control System

The entire producing process has been strictly controlled according to ISO9001 Quality Management System. With the management philosophy of continuous improvement & striving for perfection, we are making the products better and better.

Professional After-sales Service

The complete system of after-sales service, professional service experts, and quick service channels guarantee the efficient operation of products.

Taking new SinoMe product lines and service, YOU JUST DO MINING!

Load Haul Dumper

The Underground LHD used to work in underground mining tunnels loading and transporting ore or rock, as well as in tunnels in construction of railway or road. It is specialized in poor working condition, such as narrow, low and muddy surface. The LHD configure with diesel engine or electric motors, the drive system configured with DANA convertor and transmission ,axles adopt well-known international brands axles ,Meritor axles can be an optional for middle and small LHDs . Braking systems is three integrated as spring applied hydraulic release. The hydraulic systems choose the good quality and stable component such as Parker or Bosch , Rexroth etc.

We can also according to customer's requirements, provide custom design and optional device, such as: Eject bucket, extended arm, low profile body, closed cab, automatic fire extinguishing system, centralized lubrication system, etc.

Product	Product type	Width of Tunnel(m)	Rated weight(kg)
Diesel LHD	ACY202	≥ 2.0	2,000
	ACY203	≥ 2.5	3,000
	ACY204	≥ 2.8	4,000
	AVY307	≥ 3.0	7,000
	ACY410	≥ 4.0	10,000
	ACY514	≥ 5.0	14,000
Electric LHD	ADCY203	≥ 2.5	3,000
	ADCY204	≥ 2.8	4,000
	ADCY307	≥ 3.0	7,000
	ADCY410	≥ 4.0	10,000

Low Profile Dump Truck

The Low Profile Dump Truck is used to work in underground mining tunnels transporting ore or waste rock, as well as in construction of railway, road or water conservancy tunnels. It is specialized in poor working condition, such as narrow, low and muddy surface. The LPDT configure with a diesel engine with an ECS Platinum catalysis gas purifier, the drive system is configured with a DANA convertor and transmission, axles adopt well-known international brands axles ,Meritor axles can be optional for middle and small LPDTs . Braking systems are three integrated as spring-applied for hydraulic release. The hydraulic systems choose good quality and stable components such as Parker or Bosch , Rexroth etc.

According to customers' requirements of different services, we can offer custom design and optional device, such as low profile body, closed cab, automatic fire extinguishing system, centralized lubrication system, etc.

Product	Product type	Width of Tunnel(m)	Rated Weight (kg)
LPDT	AJK207	≥ 2.5	6,400kg
	AJK310	≥ 3.0	10,000kg
	AJK312	≥ 3.5	12,000kg
	AJK315	≥ 3.5	15,000kg
	AJK318	≥ 3.3	18,000kg
	AJK320	≥ 3.8	20,000kg
	AJK425	≥ 4.6	25,000kg
	AJK430	≥ 4.4	30,000kg

Utility Vehicles

Underground Utility Vehicles are developed for metal, nonmetal mining or constructions of tunnels that are specialized in underground mining work condition. It is consist of chassis and function structure. The Utility vehicles adopt an articulated front & rear frame, hydraulic mechanical drive system and enclosed wet discs brakes. Configured with different function models, it can be a multi-function service vehicle, scissor plat vehicle, materials vehicle or person vehicle.

Product	Product type	Width of Tunnel(m)	Rated Capacity
USA	ATY5S	≥ 2.3	5,000kg
	ATY206	≥ 2.6	5,000kg
	ATY5P	≥ 2.6	5,000kg Plat 4,000kg
	AYS1700	≥ 2.3	Impact energy 1,716J
	ATYR322	≥ 2.7	22 Person
	ATYB205	≥ 2.5	500kg



ACY202

Weights

Empty vehicle weight	7,200kg
Gross vehicle weight	9,200kg

Operating capability

Maximum tractive effort	≥62kN
Breakout force(mechanical)	44kN
Breakout force(hydraulic)	57kN
load capacity	2,000kg
Bucket SAE std.....	1.0m ³

Operating time

Raising time.....	<4.0s
Lowering time.....	<2.0s
Dumping time.....	<3.5s

Speed

1st Gear	4.4km/h
2nd Gear.....	9.4km/h
3rd Gear	18.7km/h

Engine

Diesel engine.....	CUMMINS QSF3.8
MaxOutput	74kW/2200rpm 59kW@4000m
Max torque	420Nm/1400rpm

Transmission system

Transmission&converter	DANA 1100MT12000
Axles	Rhino C200
Tires.....	9.00-20 TT

Hydraulic system

Steering system.....	Central articulation joint hydraulic power steering by two cylinders
Turning angle	±43.5°
Steering system flow	100L/min
Steering pressure	25MPa
Operating system flow	20L/min
Braking form	SAHR
Braking pressure	13MPa

Electrical system

System voltage	DC24V
Batterie.....	two, 12V/70Ah
Lights	2 Front ,2 Rear

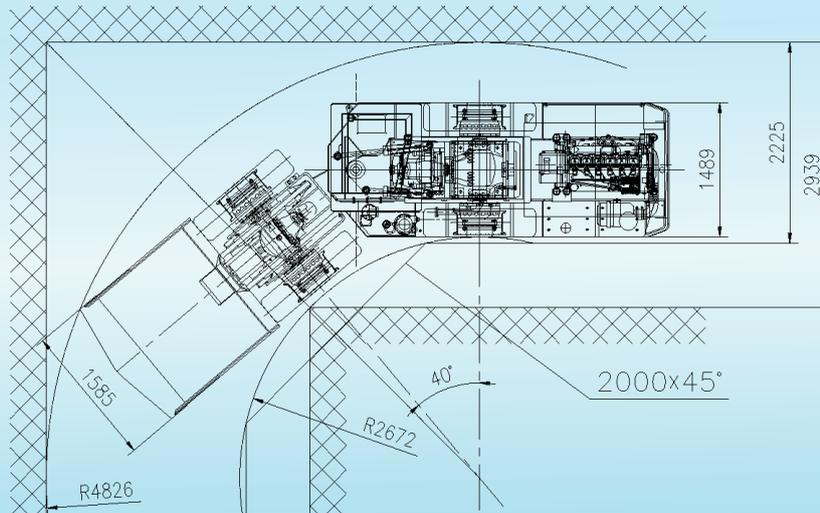
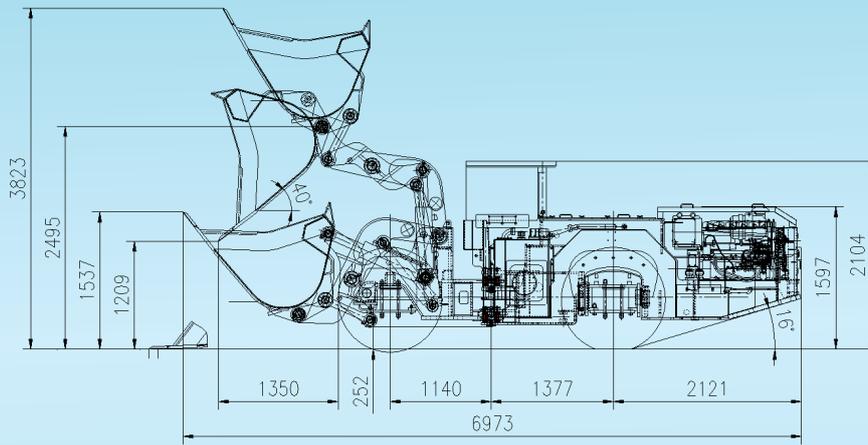
Driver cab

Meet American SAE Heavy duty Canopy ROPS/FOPS Standard

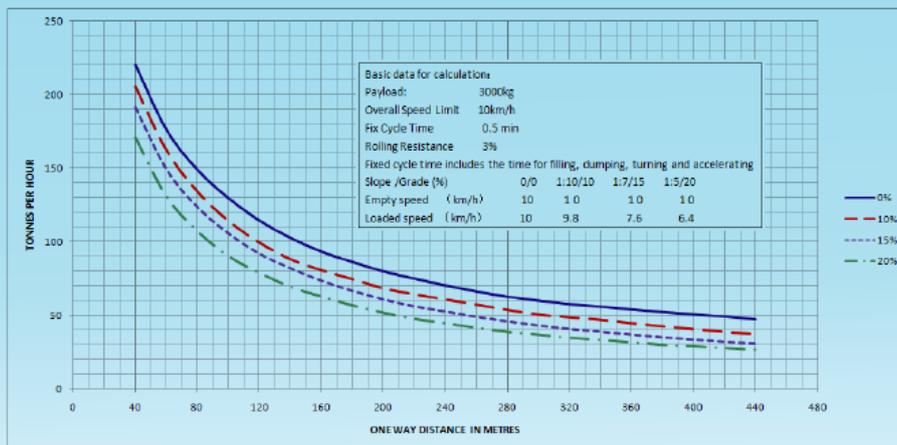
ACY203 Diesel LHD



Dimension

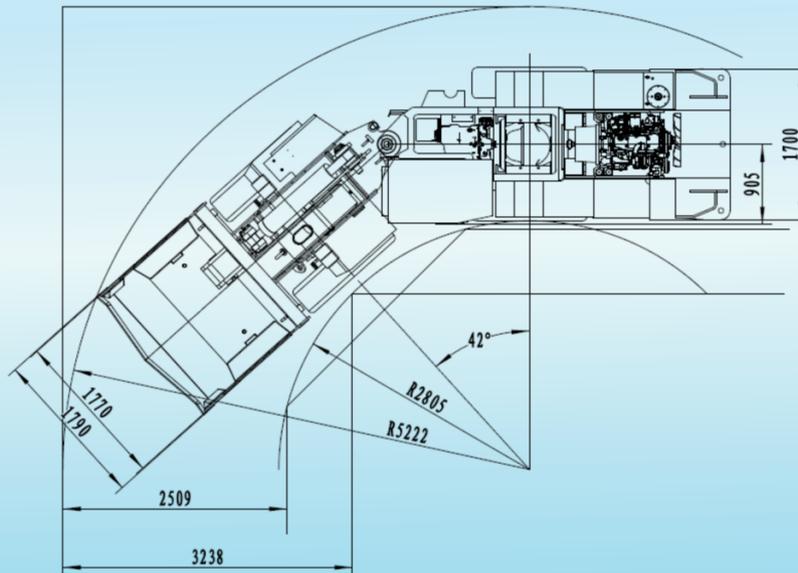
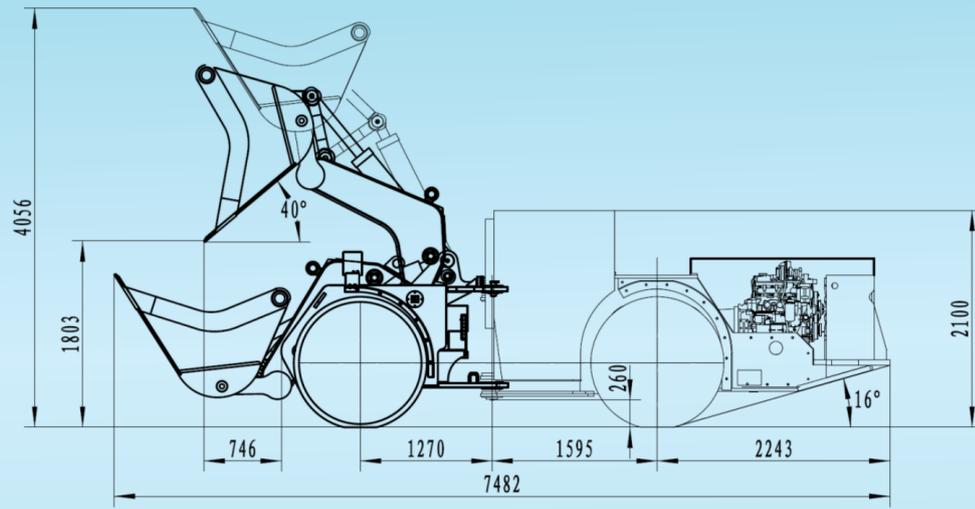


Production efficiency chart

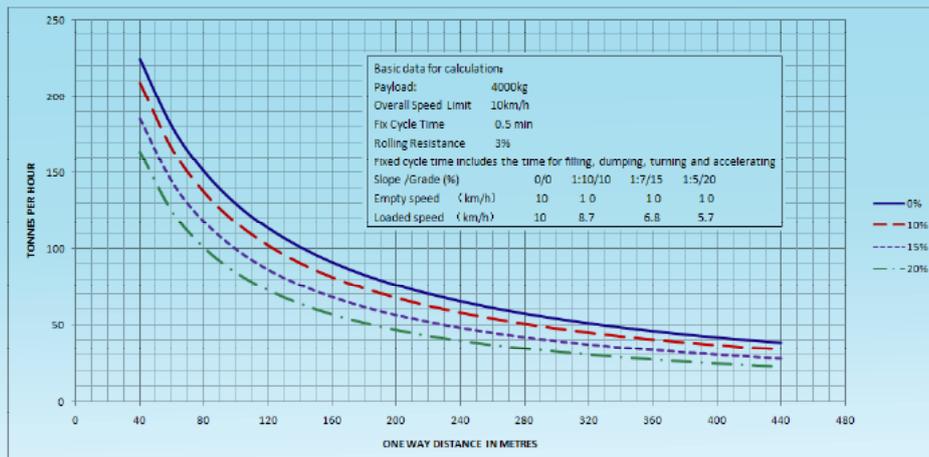


ACY204 Diesel LHD

Dimension



Production efficiency chart





ACY307

Weights

Empty vehicle weight.....	19,900kg
Gross vehicle weight.....	26,600kg

Operating capability

Maximum tractive effort	≥160kN
Maximum breakout force(hydraulic)	130kN
Maximum breakout force(Mechanical)	117kN
Tramming capacity	6,700kg
Bucket SAE std	3.0m³

Operating time

Raising time.....	<7.2s
Lowering time.....	<4.7s
Tipping time.....	<6.0s

Speed

1st Gear	4.4km/h
2nd Gear.....	8.8km/h
3rd Gear	17.4km/h

Engine

Diesel engine	CUMMINS QSB6.7
Max output.....	164kW/2200rpm
Max torque	949Nm/1500rpm

Transmission system

Torque converter	DANA C270
Transmission.....	DANA R32000
Axles	KESSLER D91
Tires	17.5-25 TT

Hydraulic system

Steering system	Central articulation joint hydraulic power steering by two cylinders
Turning angle	±42.5°
Steering system flow.....	75L/min
Steering pressure	16MPa
Operating system flow	205L/min
Operating pressure	21MPa
Braking system	SAHR
Braking pressure	13-16MPa

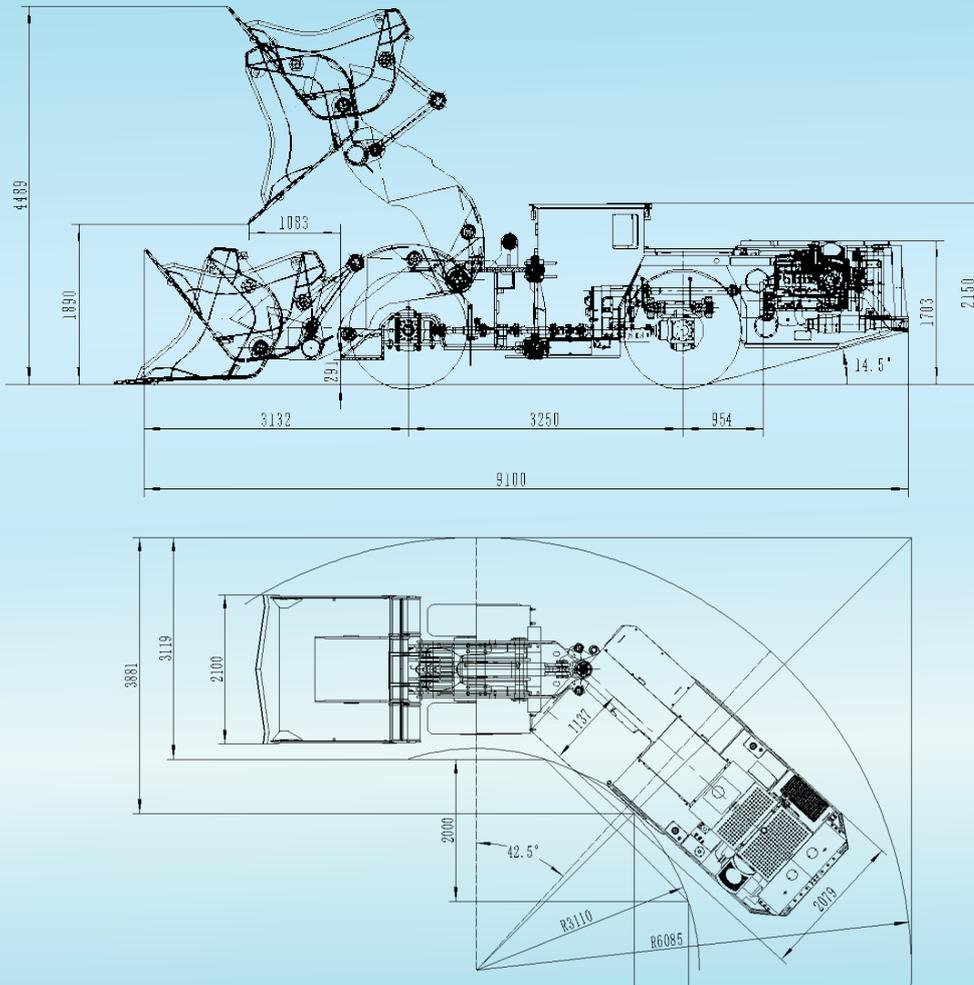
Electrical system

System voltage.....	DC24V
Alternator	24V/75A
Starter motor.....	2.8kW/24V
Batteries.....	two,12V/135Ah
Lights	2 Front ,2 Rear

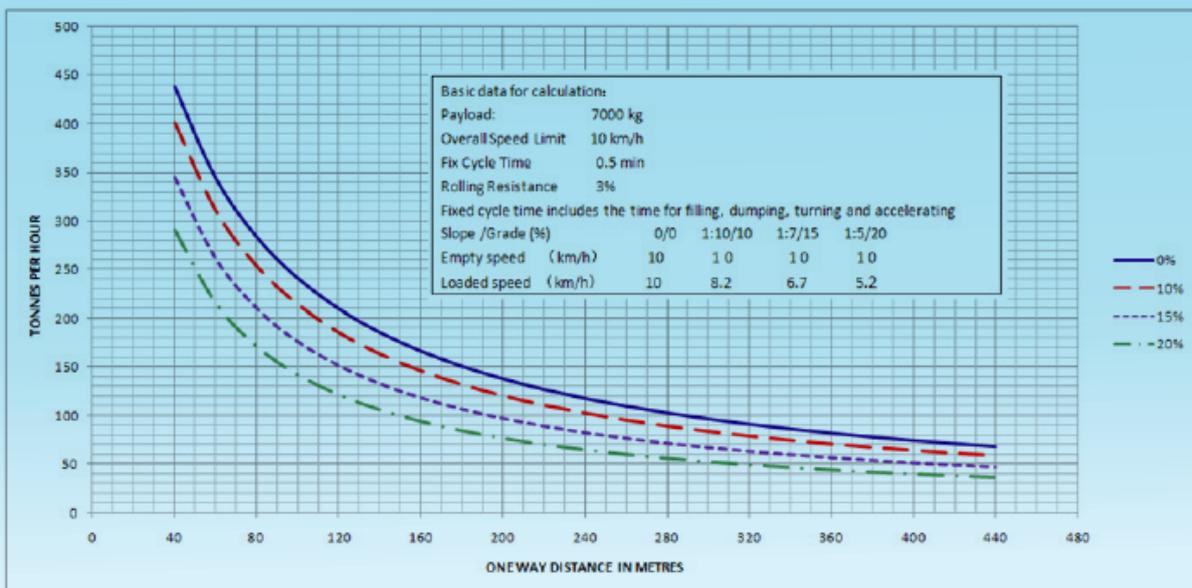
Driver cab

Meet American SAE Heavy duty Canopy ROPS/FOPS Standard

Dimension



Production efficiency chart





ACY410

Weights

Empty vehicle weight.....	27,292kg
Gross vehicle weight.....	37,292kg

Operating capability

Maximum tractive effort.....	240kN
Maximum breakout force(Hydraulic)	180kN
Maximum breakout force(Mechanical)	139kN
Tramming capacity	10,000kg
Bucket SAE std.....	4.0m ³

Operating time

Raising time.....	<8.0s
Lowering time.....	<4.0s
Tipping time.....	<5.6s

Speed

1st Gear	4.7km/h
2nd Gear	10.8km/h
3rd Gear	18.2km/h
4th Gear	30.4km/h

Engine

Diesel engine.....	CUMMINS QSL9
Maxoutput	224kW/2000rpm
Maximum torque	1369Nm/1500rpm

Transmission system

Torque converter	DANA C5000
Transmission.....	DANA R36000
Axles	KESSLER D102
Tires.....	18.00-25 TT

Hydraulic system

Steering system	Central articulation joint hydraulic power steering by two cylinders
Turning angle	±40°
Steering system flow.....	160L/min
Steering pressure	17.5MPa
Operating system flow	210L/min
Operating pressure	23MPa
Braking system	SAHR
Braking pressure.....	15.5-18.6MPa

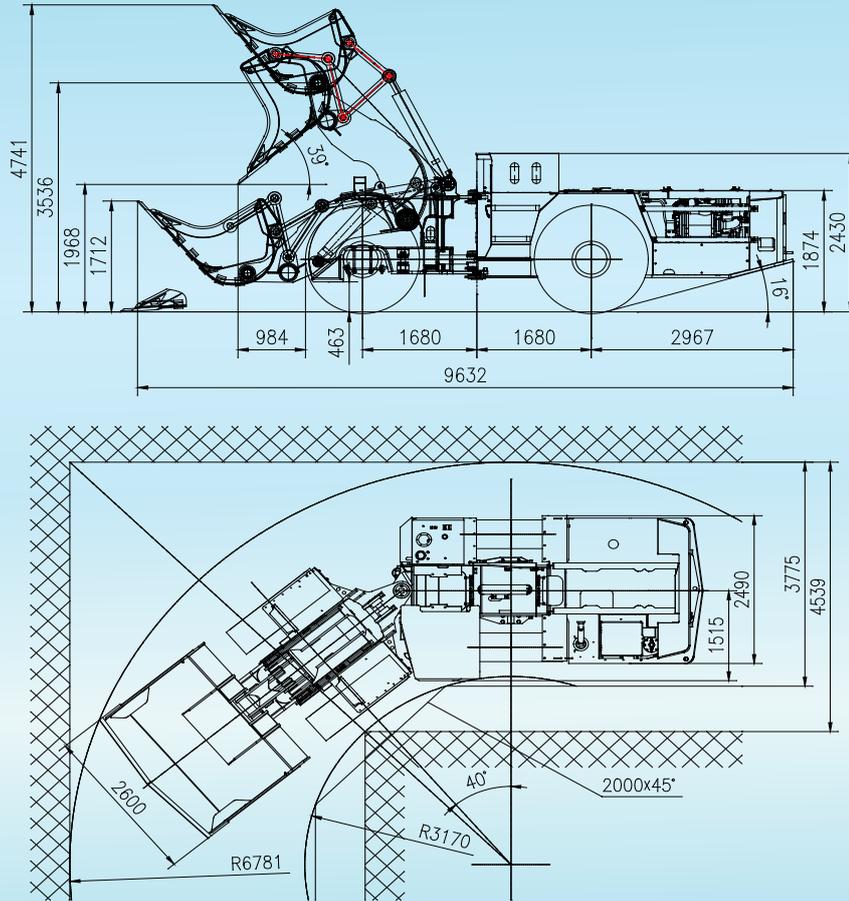
Electrical system

System voltage.....	DC24V
Alternator	28V/70A
Start motor	7.8kW/24V
Batteries.....	two, 12V/200Ah
Lights	4 front ,4rear

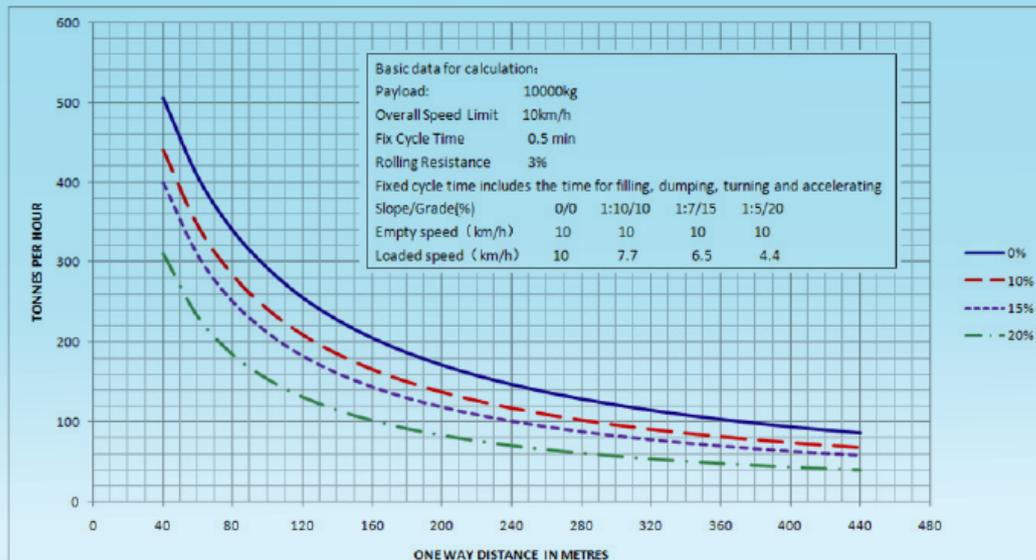
Driver cab

Meet American SAE Heavy duty Canopy ROPS/FOPS Standard

Dimension



Production efficiency chart





ACY514

Weights

Empty vehicle weight.....	38,000kg
Gross vehicle weight.....	52,000kg

Operating capability

Maximum tractive effort.....	313kN
Maximum breakout force(hydraulic)	189kN
Maximum breakout force(Mechanical)	230kN
Tramming capacity	14,000kg
Bucket SAE std	6.0m ³

Operating time

Raising time.....	<7.5s
Lowering time.....	<4.5s
Tipping time.....	<3.0s

Speed

1st Gear	5.6km/h
2nd Gear	9.7km/h
3rd Gear	16.5km/h
4th Gear.....	27.8km/h

Engine

Diesel engine.....	SCANIA DC13
Output	257kW/2100rpm
Maximum torque	1671Nm/1400rpm

Transmission system

Torque converter	DANA C8000
Transmission.....	DANA 6000
Axles	Kessler D106
Tires	26.5R25TL

Hydraulic system

Steering system	Central articulation joint hydraulic power steering by two cylinders
Turning angle	±42.5°
Steering system flow	150L/min
Steering pressure	18MPa
Operating system flow	300L/min
Operating pressure	25MPa
Braking system.....	SAHR

Electrical system

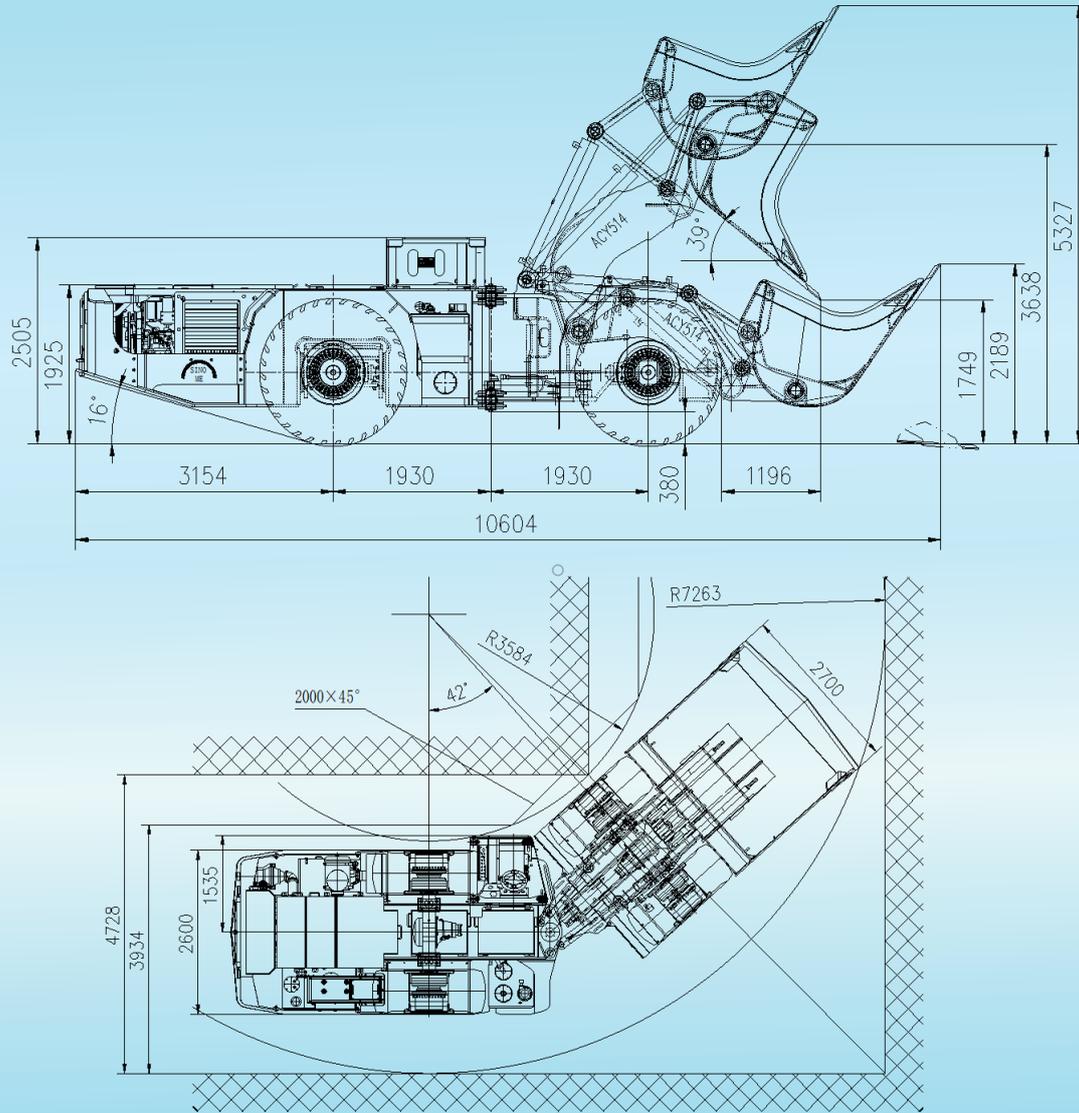
System voltage.....	DC24V
Alternator	24V/150A
Starter motor.....	6.0kW/24V
Batteries.....	Two, 12V/200Ah
Lights	4 Front ,4Rear

Driver cab

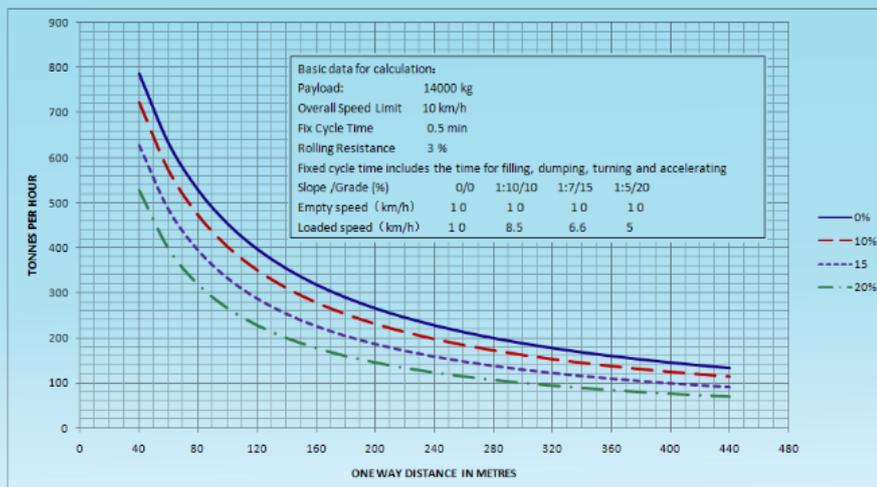
Meet American SAE Heavy duty Canopy ROPS/FOPS Standard

ACY514 Diesel LHD

Dimension



Production efficiency chart





ADCY203

Weights

Empty vehicle weight.....	12,000kg
Gross vehicle weight.....	15,000kg

Operating capability

Maximum tractive effort	91kN
Maximum breakout force(hydraulic)	80kN
Maximum breakout force(Mechanical)	63kN
Tramming capacity	3,000kg
Bucket SAE std.....	1.5m ³

Operating time

Raising time.....	<5.7s
Lowering time.....	<4.2s
Tipping time.....	<2.4s

Speed

1st Gear	3.3km/h
2nd Gear.....	4.8km/h
3rd Gear	10.7km/h

Electrical system

System voltage.....	AC380V
Lights	2 Front ,2 Rear

Transmission system

Torque converter	DANA C270
Transmission.....	DANA R20000
Axles	Meritor C201
Tires	12.00-20 TT

Hydraulic system

Steering system	Central articulation joint hydraulic power steering by two cylinders
Turning angle	±36°
Steering system flow.....	37.7L/min
Steering pressure	14MPa
Operating system flow	125L/min
Operating pressure	14MPa
Braking type	SAHR
Braking pressure	13-15MPa

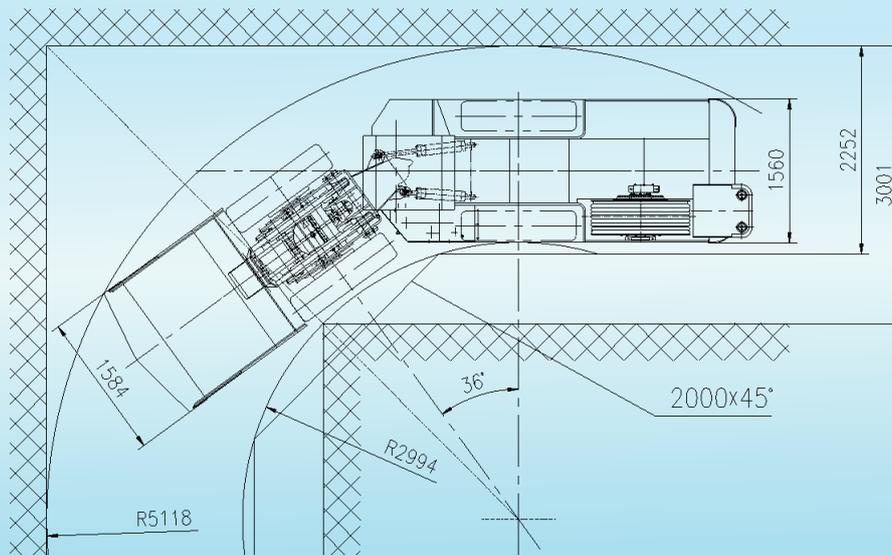
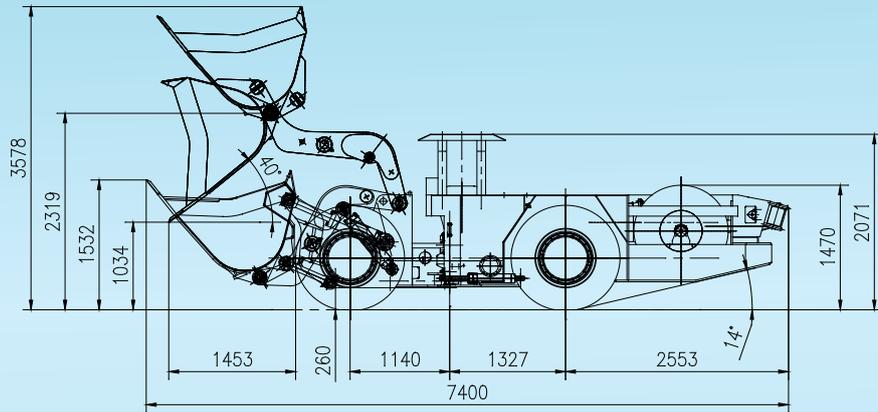
Motor

Drive motor	Y250MB-4
Output	60kW/1480rpm
Maximum torque	387Nm/1480rpm
Degree of protection.....	IP55
Voltage.....	380V

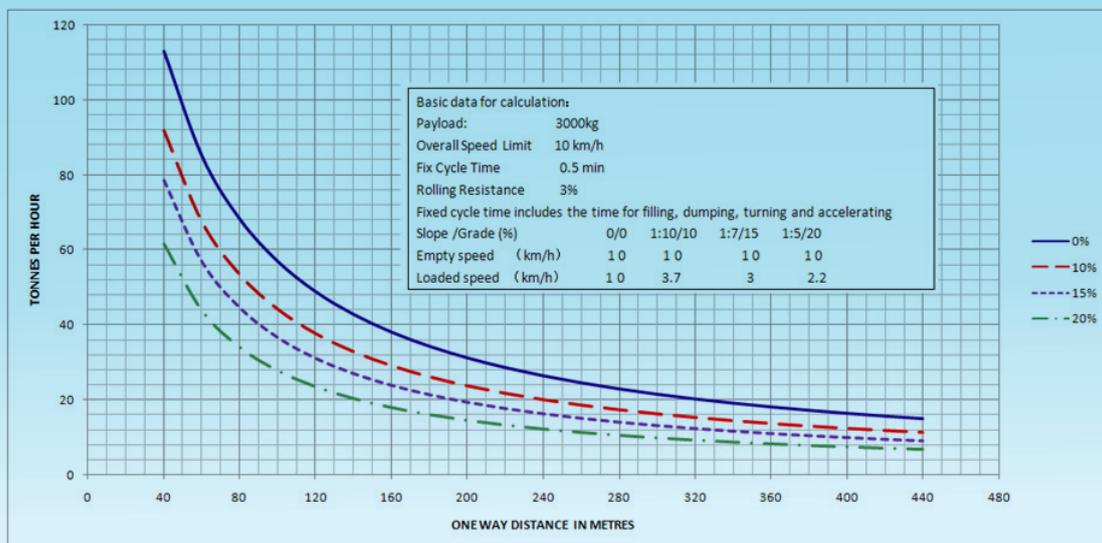
Driver cab Meet American SAE Heavy duty Canopy ROPS/FOPS Standard

ADCY203 Electric LHD

Dimension



Production efficiency chart





ADCY204

Weights

Empty vehicle weight	12,500kg
Gross vehicle weight.....	16,500kg

Operating capability

Maximum tractive effort	104kN
Maximum breakout force(hydraulic)	83kN
Maximum breakout force(Mechanical)	67kN
Tramming capacity	4,000kg
Bucket SAE std	2.0m ³

Operating time

Raising time.....	<5.6s
Lowering time.....	<4.0s
Tipping time.....	<6.4s

Speed

1st Gear	2.0km/h
2nd Gear.....	4.9km/h
3rd Gear.....	10.8km/h

Electrical system

System voltage.....	AC380V
Lights	2 Front ,2 Rear

Transmission system

Torque converter	DANA C270
Transmission	RT20000
Axles	Meritor C201
Tires	12.00-20 TT

Hydraulic system

Steering system	Central articulation joint hydraulic power steering by two cylinders
Turning angle	±40°
Steering system flow.....	82L/min
Steering pressure	14MPa
Operating system flow	164L/min
Operating pressure	14MPa
Braking type.....	SAHR
Braking pressure.....	13-15MPa

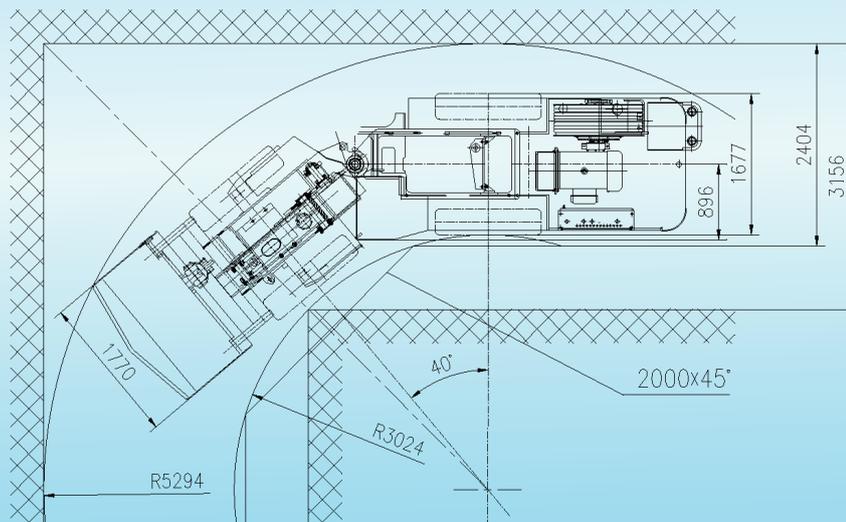
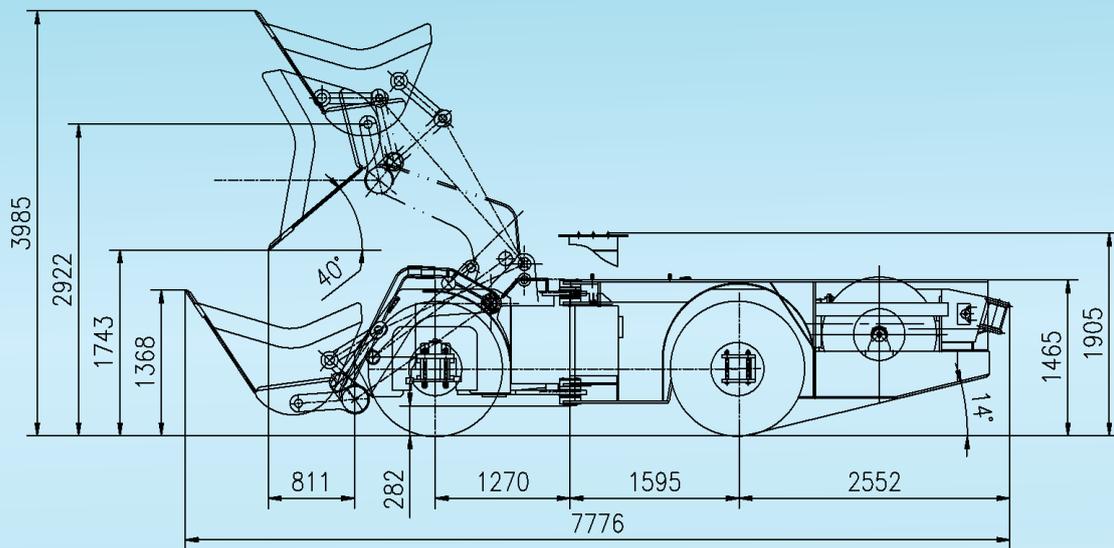
Motor

Drive motor.....	YXn280S-4
Output	75kW
Speed.....	1480rpm
Maximum torque	484Nm
Degree of protection.....	IP55
Voltage	AC 380V

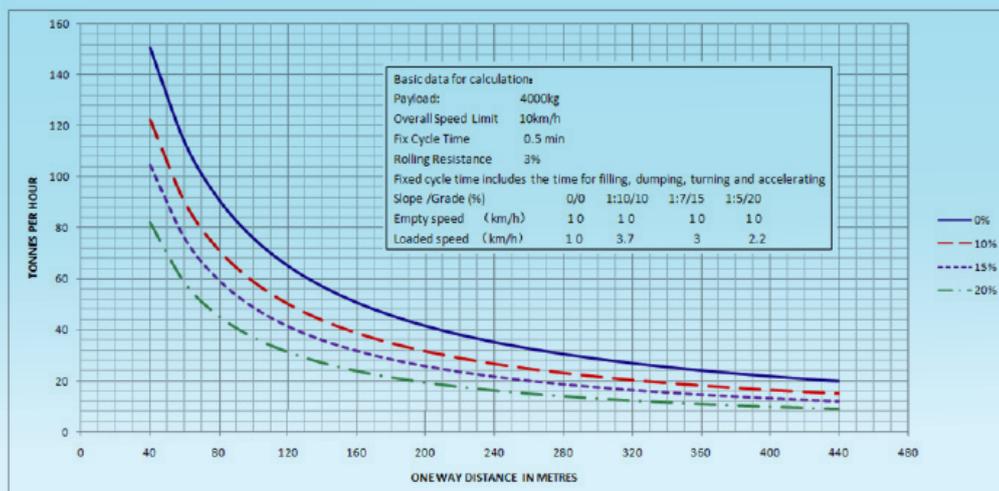
Driver cab

Meet American SAE Heavy duty Canopy ROPS/
FOPS Standard

Dimension



Production efficiency chart





ADCY307

Weights

Empty vehicle weight.....	18,730kg
Gross vehicle weight.....	25,430kg

Operating capability

Maximum tractive effort	175kN
Maximum breakout force(hydraulic)	131kN
Maximum breakout force(mechanical)	116kN
Tramming capacity	6,700kg
Bucket SAE std.....	3.0m ³

Operating time

Raising time.....	<7.2s
Lowering time.....	<4.7s
Tipping time.....	<6.0s

Speed

1st Gear	2.9km/h
2nd Gear	6.1km/h
3rd Gear	11.9km/h

Electrical system

System voltage	AC1000/1140V
Lights.....	2 Front ,2 Rear

Transmission system

Torque converter	DANA C270
Transmission	DANA R32000
Axles	DANA 16D
Tires	17.5-25 TT

Hydraulic system

Steering system	Central articulation joint hydraulic power steering by two cylinders
Turning angle	±40°
Steering system flow	76L/min
Steering pressure.....	21MPa
Operating system flow	137L/min
Operating pressure	19MPa
Braking system	SAHR
Braking pressure	13-16MPa

Motor

Drive motor	YXn280M-4
Output	90kW
Speed	1480rpm
Maximum torque	581Nm
Degree of protection.....	IP55
Voltage	1000/1140V

Driver cab

Meet American SAE Heavy duty Canopy ROPS/FOPS Standard



ADCY410

Weights

Empty vehicle weight.....	25,500kg
Gross vehicle weight.....	35,500kg

Operating capability

Maximum tractive effort	220kN
Maximum breakout force(hydraulic).....	179kN
Maximum breakout force(Mechanical)	139kN
Tramming capacity.....	10,000kg
Bucket SAE std	4.0m ³

Operating time

Raising time	<8.2s
Lowering time.....	<6.2s
Tipping time.....	<5.0s

Speed

1st Gear	3.1km/h
2nd Gear	6.6km/h
3rd Gear	11.5km/h

Electrical system

System voltage.....	AC1000/1140V
Lights	4 Front ,4Rear,1 Canopy

Transmission system

Torque converter&Transmission	15.7HR36000
Axles	KESSLER D102
Tires	18.00-25 TT

Hydraulic system

Steering system	Central articulation joint hydraulic power steering by two cylinders
Turning angle	±40°
Steering system flow.....	108L/min
Steering pressure	17.5MPa
Operating system flow	216L/min
Operating pressure	23MPa
Braking system	SAHR
Braking pressure	15.5-18.6MPa

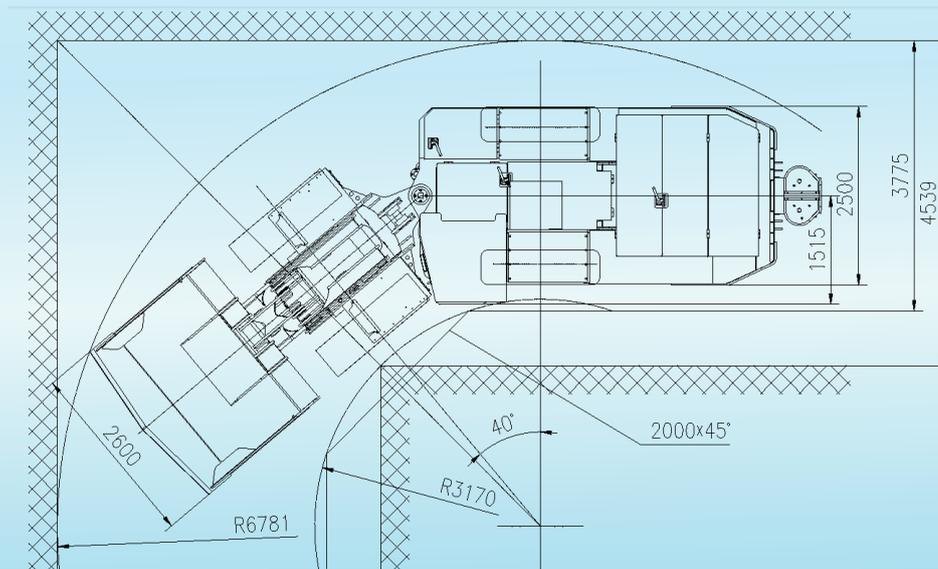
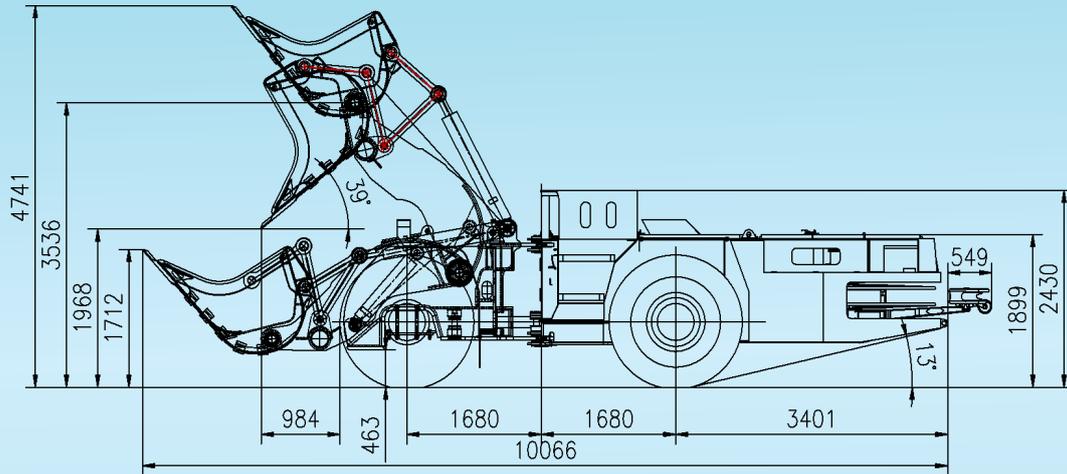
Motor

Drive motor.....	YXn315S-4
Output	132kW
Speed.....	1480rpm
Degree of protection.....	IP55

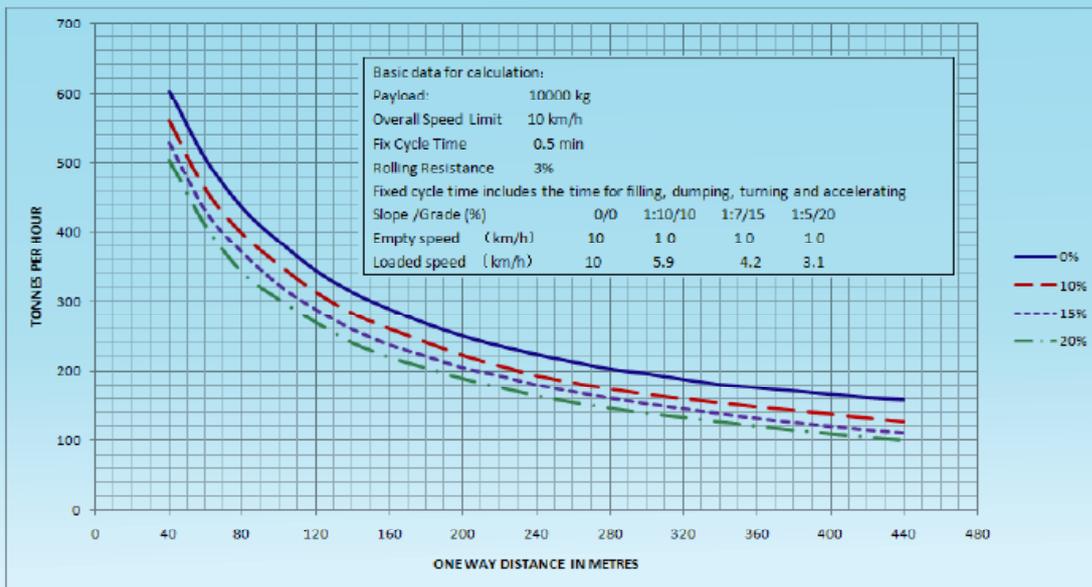
Driver cab

Meet American SAE Heavy duty Canopy ROPS/FOPS Standard

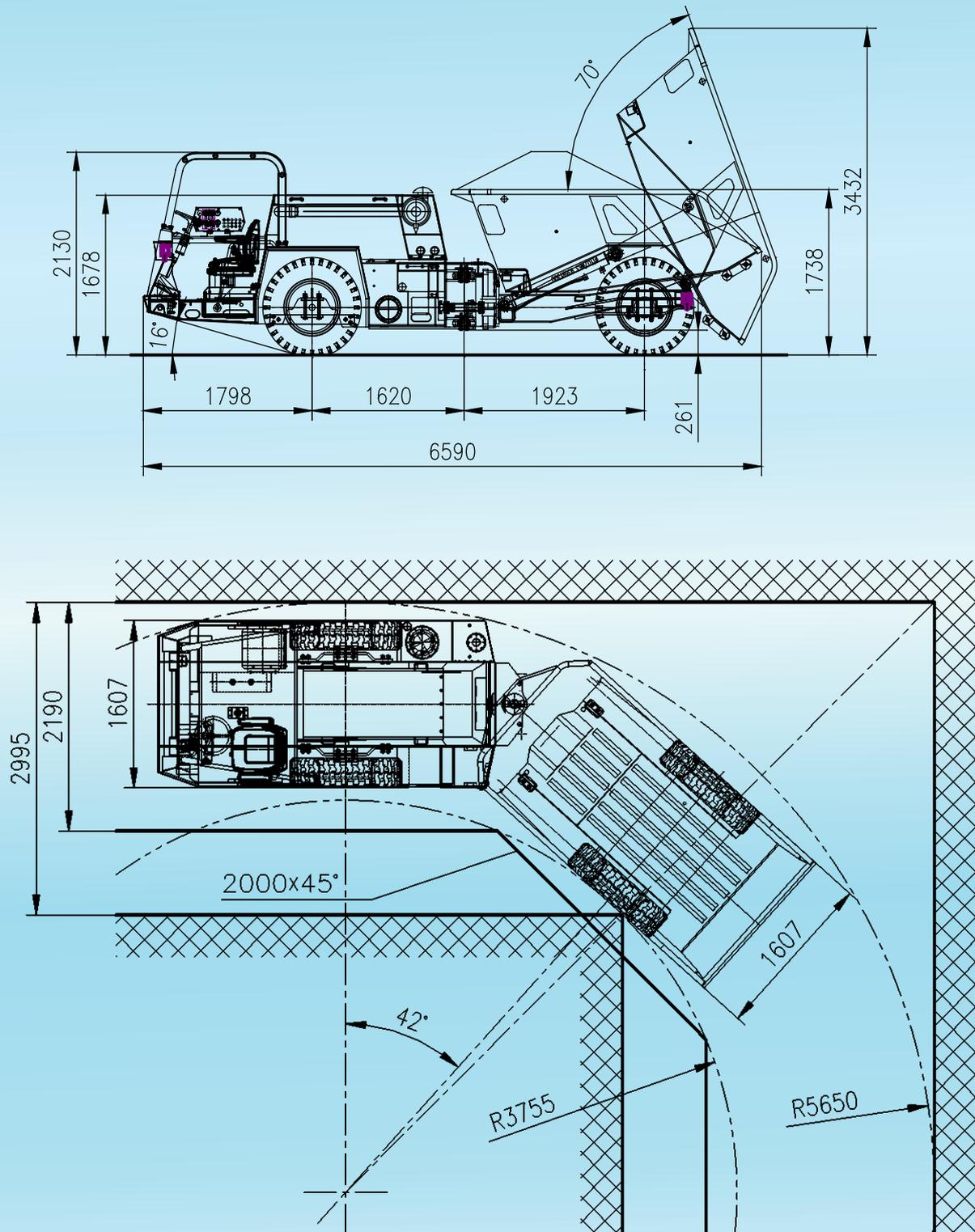
Dimension



Production efficiency chart



Dimension



AJK310



Weights

Empty vehicle weight.....	10,000kg
Gross vehicle weight	20,000kg

Operating capability

Maximum tractive effort	150kN
Maximum grade ability	6.7km/h fully loaded at 15%
Dumping angle	70°
Box std.	5.0m ³
Capacity	10,000kg

Operating time

Discharging time.....	<10.6s
Lowering time	<14.0s

Speed

1st Gear	4.8km/h
2nd Gear	9.6km/h
3rd Gear	19.2km/h

Engine

Diesel engine.....	DEUTZ BF4M1013EC
Max output	107kW/2300rpm
Max torque	520Nm/1400rpm

Transmission system

Torque converter	DANA C270
Transmission	DANA R32000
Axles	Meritor C201
Tires.....	14.00-24 TT

Hydraulic system

Steering system	Central articulation joint, hydraulic power steering by two cylinders
Turning angle	±40°
Steering system flow	130L/min
Steering pressure	16MPa
Operating system flow.....	130L/min
Operating pressure	16MPa
Braking type	SAHR
Braking pressure	13MPa

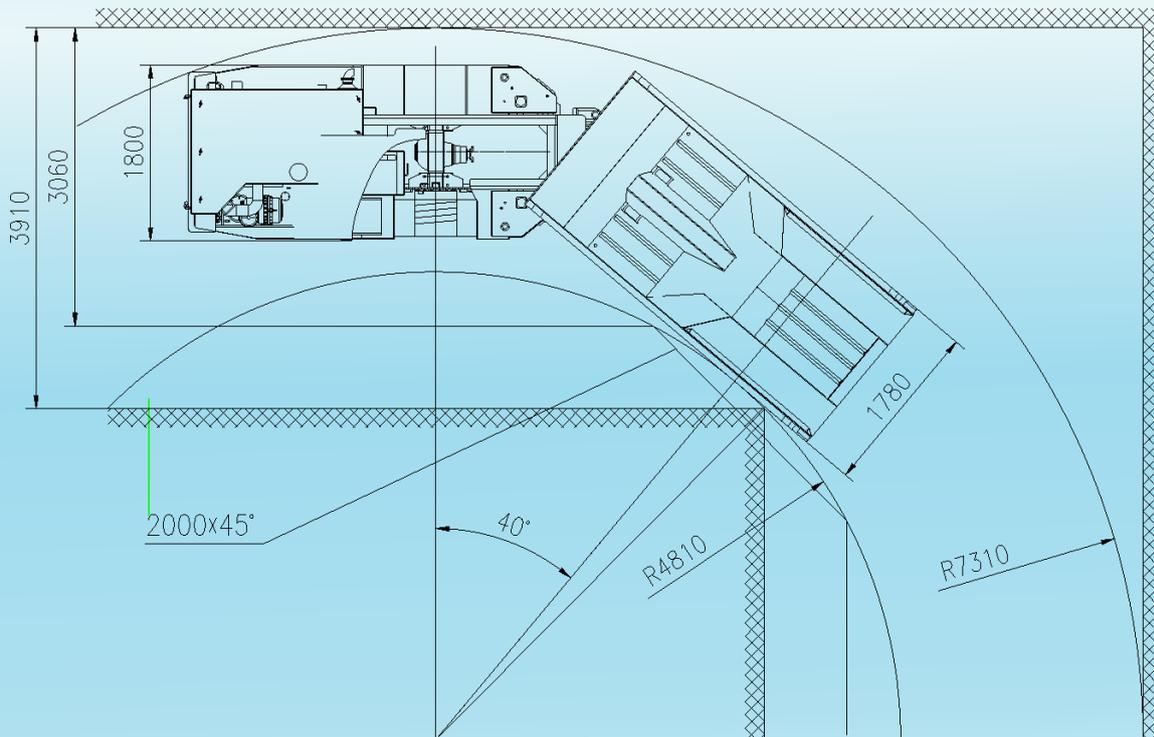
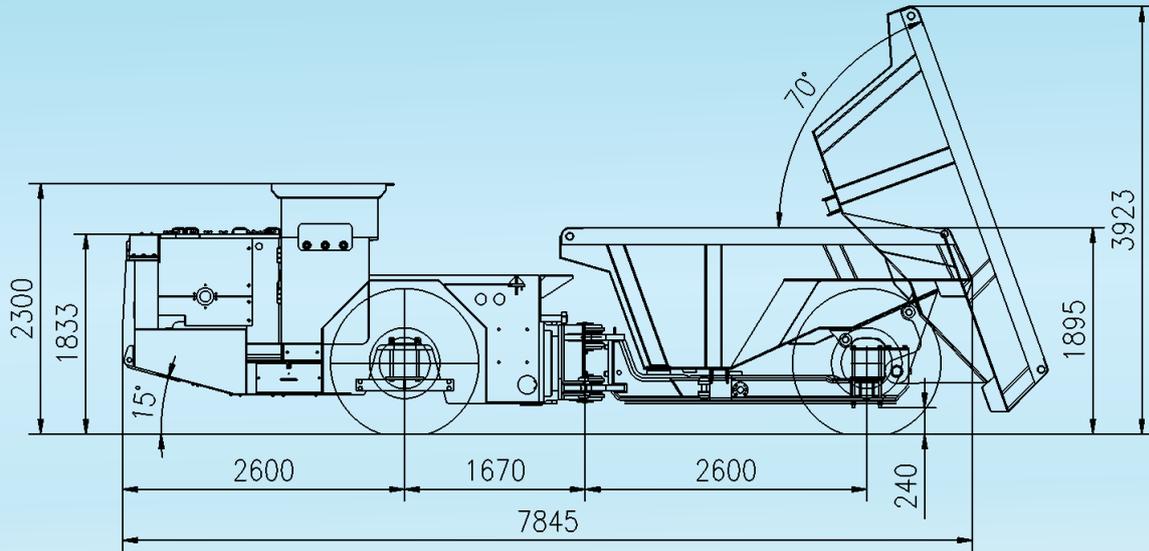
Electrical system

System voltage.....	DC24V
Alternator	28V/55A
Starter motor.....	4.0kW/24V
Batteries	two 12V/135Ah
Lights	2 Front, 2 Rear

Driver cab

Meet American SAE Heavy duty Canopy ROPS/FOPS Standard

Dimension





AJK312

Weights

Empty vehicle weight	13,000kg
Gross vehicle weight.....	25,000kg

Operating capability

Maximum tractive effort	160kN
Maximum grade ability.....	5.0km/h fully loaded at 15%
Dumping angle	70°
Box std.	6.0m ³
Capacity	12,000kg

Operating time

Discharging time.....	<10.6s
Lowering time.....	<14.0s

Speed

1st Gear	4.8km/h
2nd Gear	9.6km/h
3rd Gear	19.2km/h

Engine

Diesel engine	DEUTZ BF4M1013EC
Max output	107kW/2300rpm
Max torque	520Nm/1400rpm

Transmission system

Torque converter	DANA C270
Transmission.....	DANA R32000
Axles	Meritor C201
Tires.....	14.00-24 TT

Hydraulic system

Steering system	Central articulation joint, hydraulic power steering by two cylinders
Turning angle	±40°
Steering system flow.....	130 L/min
Steering pressure	16MPa
Operating system flow	130 L/min
Operating pressure	16MPa
Braking type	SAHR
Braking pressure	13MPa

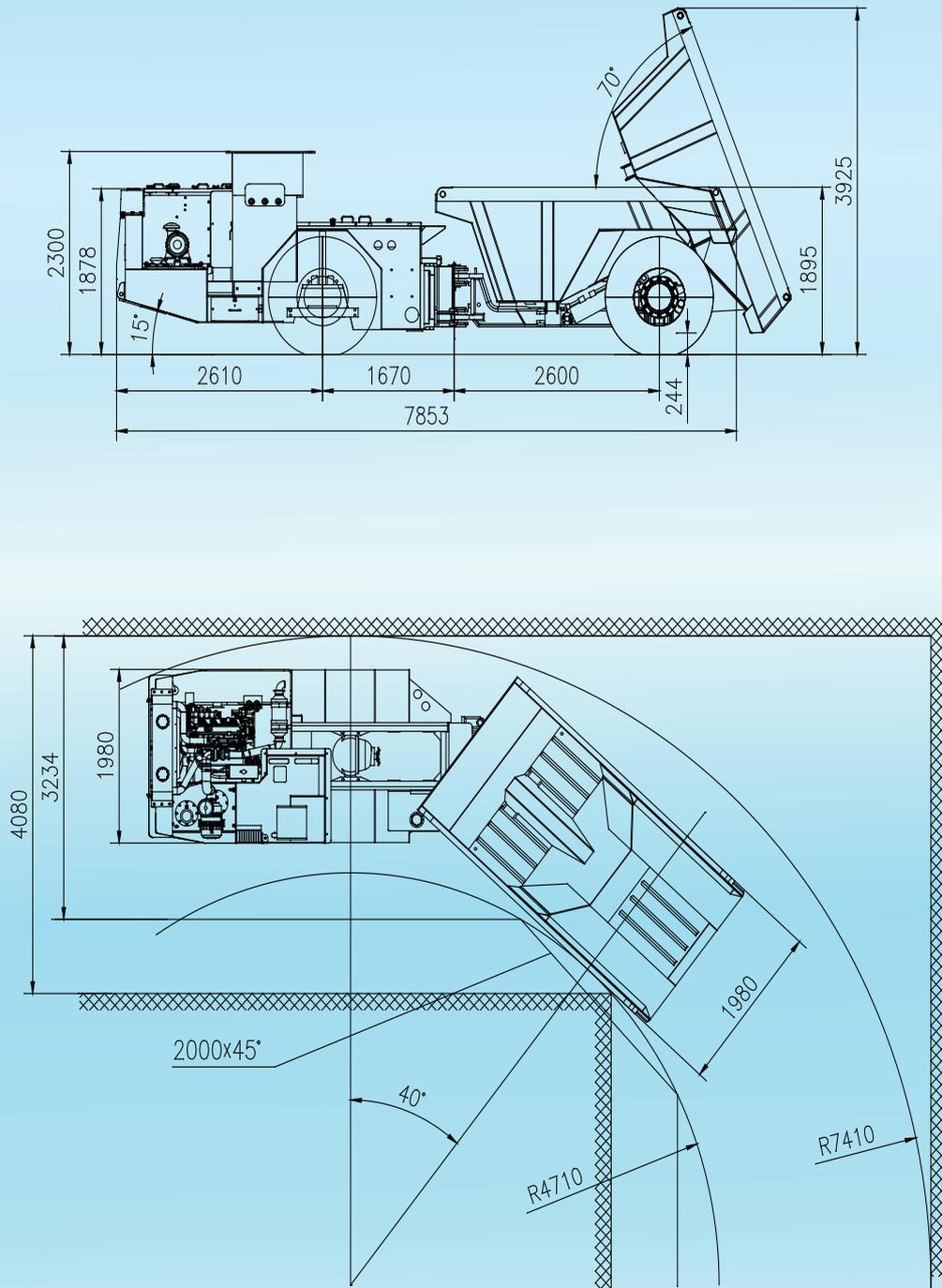
Electrical system

System voltage.....	DC24V
Alternator	28V/55A
Starter motor.....	4.0 kW/24V
Batteries	two 12V/135Ah
Lights.....	2 Front ,2 Rear

Driver cab

Meet American SAE Heavy duty Canopy ROPS/FOPS Standard

Dimension





AJK315

Weights

Empty vehicle weight	13,000kg
Gross vehicle weight.....	28,000kg

Operating capability

Maximum tractive effort	180kN
Maximum grade ability....	6.1km/h fully loaded at 15%
Dumping angle	70°
Box std.	7.5m ³
Capacity	15,000kg

Operating time

Discharging time	<10.6s
Lowering time.....	<14.0s

Speed

1st Gear	5.1km/h
2nd Gear	10.1km/h
3rd Gear.....	20.2km/h

Engine

Diesel engine.....	DEUTZ BF6M1013EC
Max output	148KW/2300rpm
Max torque	727Nm/1400rpm

Transmission system

Torque converter	DANA C270
Transmission.....	DANA R32000
Axles	KESSLER D81
Tires.....	14.00-24 TT

Hydraulic system

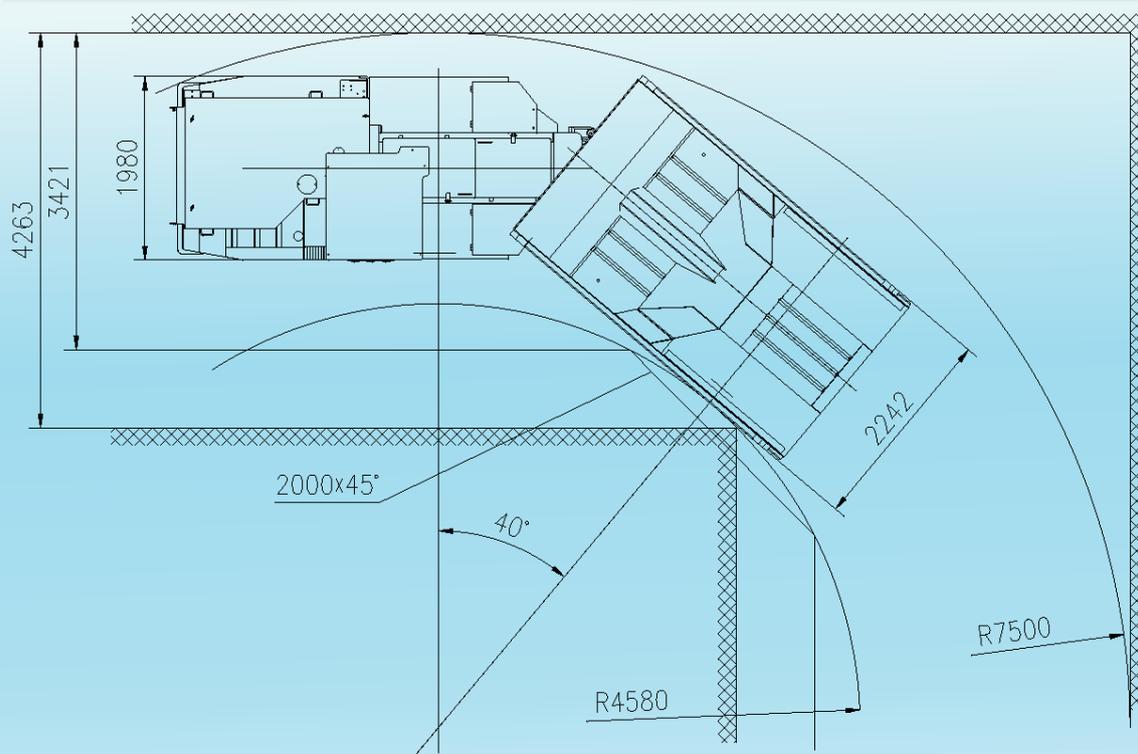
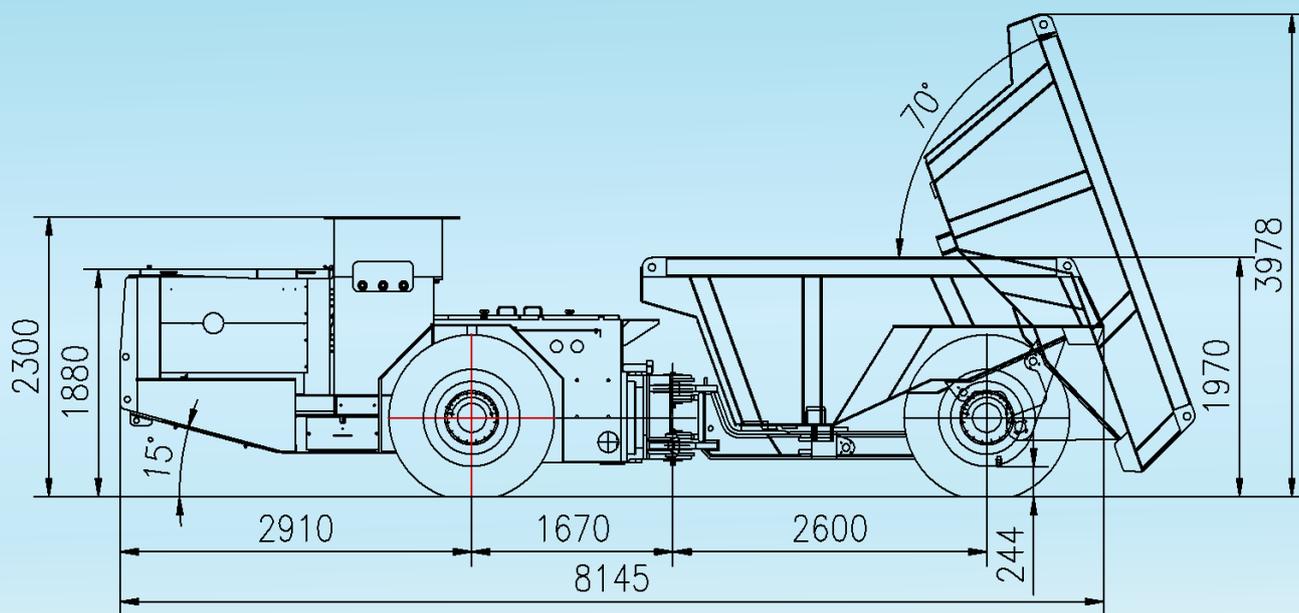
Steering system	Central articulation joint, hydraulic power steering by two cylinders
Turning angle	±40°
Steering system flow	130L/min
Steering pressure	16MPa
Operating system flow	130L/min
Operating pressure	16MPa
Braking system	SAHR
Braking pressure	15MPa

Electrical system

System voltage	DC24V
Alternator	28V/55A
Starter motor	4.0 kW/24V
Batteries	two 12V/135Ah
Lights	2 Front ,2 Rear

Driver cab Meet American SAE Heavy duty Canopy ROPS/FOPS Standard

Dimension





AJK318

Weights

Empty vehicle weight	15,500kg
Gross vehicle weight.....	33,500kg

Operating capability

Maximum grade ability.....	6.8km/h fully loaded at 15%
Dumping angle	65°
Box std.	9.0m ³
Capacity	18,000kg

Operating time

Discharging time.....	<15.0s
Lowering time.....	<14.0s

Speed

1st Gear	4.8km/h
2nd Gear	9.9km/h
3rd Gear	16.7km/h
4th Gear	27.5km/h

Engine

Diesel engine	CUMMINS QSB6.7
Max output	163kW/2200rpm
Max torque	949Nm/1500rpm

Transmission system

Torque converter	DANA C270
Transmission.....	DANA R32000
Axles	KESSLER D81
Tires.....	14.00-24 TT

Hydraulic system

Steering system	Central articulation joint, hydraulic power steering by two cylinders
Turning angle	±42°
Steering system flow.....	130 L/min
Steering pressure	16MPa
Operating system flow	130 L/min
Operating pressure	16MPa
Braking type	SAHR

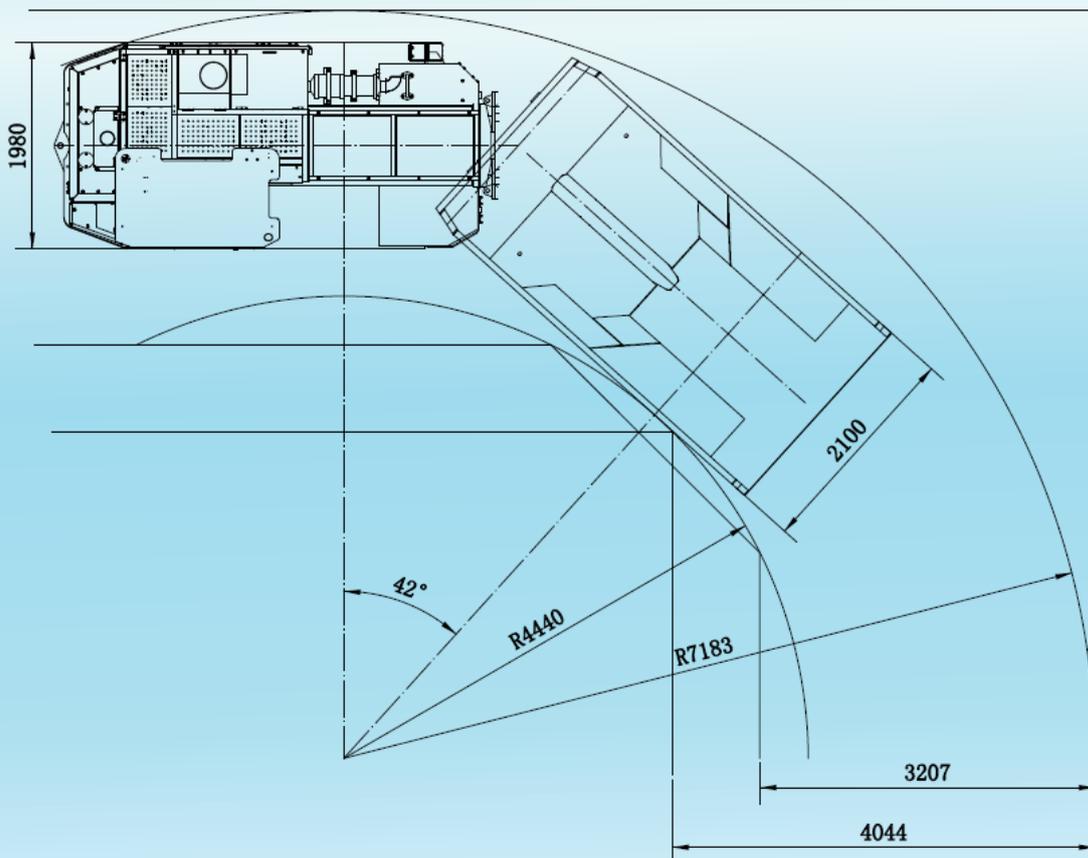
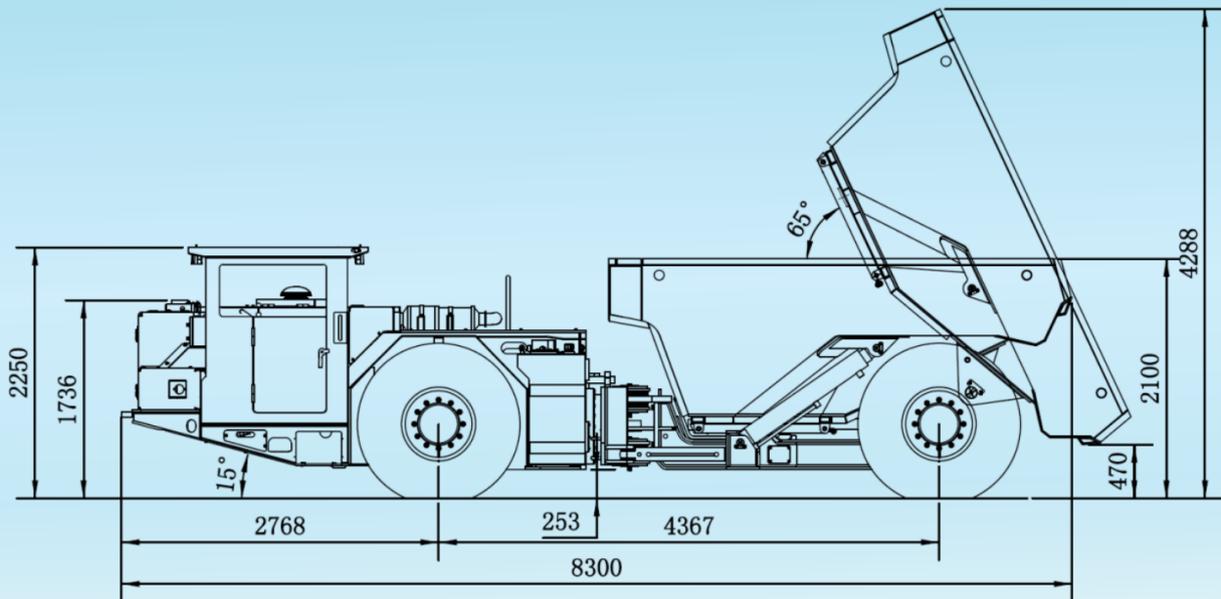
Electrical system

System voltage.....	DC24V
Batteries	two 12V/120Ah
Lights.....	2 Front ,2 Rear

Driver cab

Meet American SAE Heavy duty Canopy ROPS/FOPS Standard

Dimension





AJK320

Weights

Empty vehicle weight.....	19,000kg
Gross vehicle weight	39,900kg

Operating capability

Maximum tractive effort	220kN
Maximum grade ability.....	7.8km/h fully loaded at 15%
Dumping angle	60°
Box std.	10.0m ³
Capacity	20,000kg

Operating time

Discharging time.....	<12.0s
Lowering time.....	<10.0s

Speed

1st Gear	5.0km/h
2nd Gear	11.6km/h
3rd Gear	19.9km/h
4th Gear	33.8km/h

Engine

Diesel engine	Cummins QSL9
Maxoutput	224kW/2100rpm
Max torque	1369Nm/1500rpm

Transmission system

Torque converter	DANA CL5000
Transmission	DANA R36000
Axles	KESSLER D81
Tires.....	16.00-25 TT

Hydraulic system

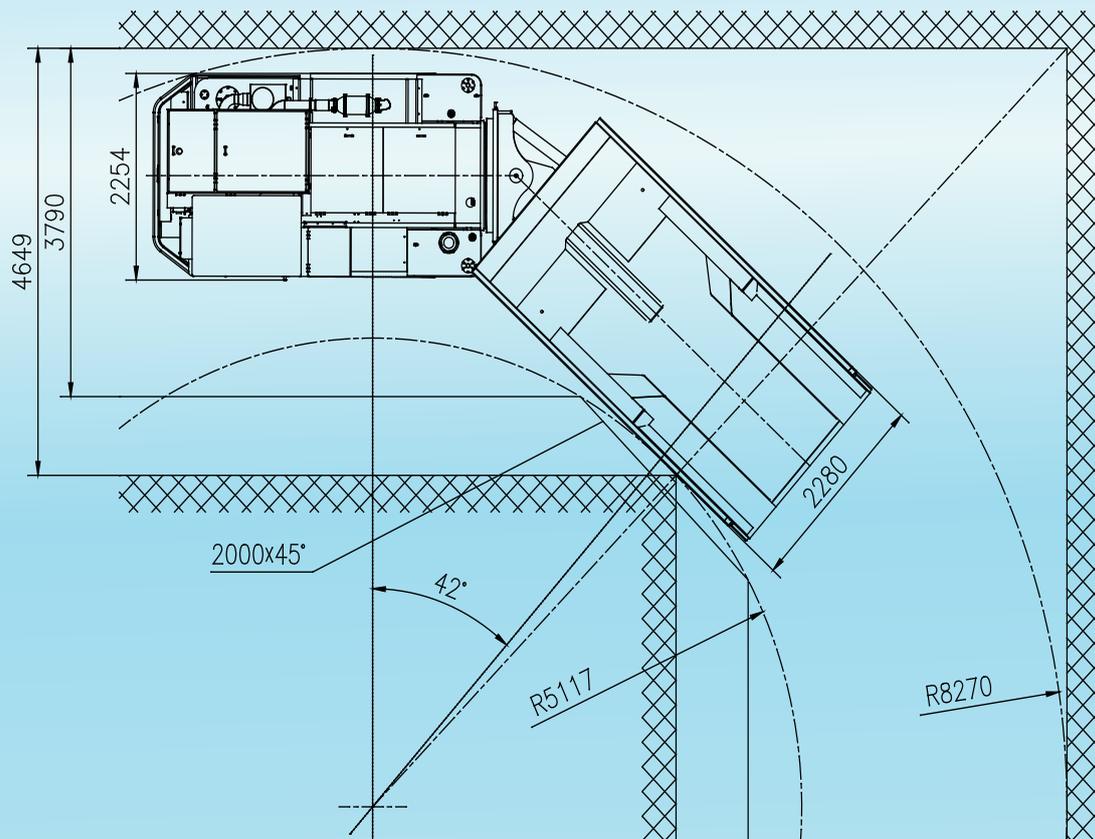
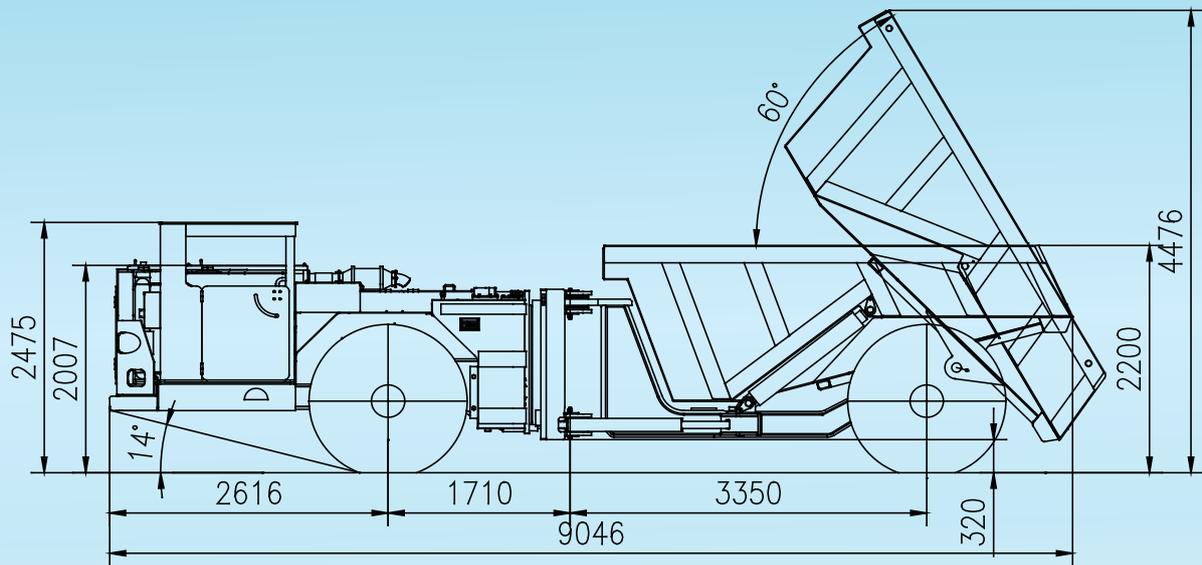
Steering system	Central articulation joint, hydraulic power steering by two cylinders
Turning angle	±42°
Steering system flow.....	175L/min
Steering pressure	17.5MPa
Operating system flow	175L/min
Operating pressure	16MPa
Braking system	SAHR
Braking pressure	17MPa

Electrical system

System voltage.....	DC24V
Alternator	28V/70A
Starter motor.....	7.5kW/24V
Batteries	two 12V/195Ah
Lights.....	2 Front ,2 Rear

Driver cab Meet American SAE Heavy duty Canopy ROPS/FOPS Standard

Dimension





AJK425

Weights

Empty vehicle weight.....	23,000kg
Gross vehicle weight.....	48,000kg

Operating capability

Maximum tractive effort	245kN
Maximum grade ability	6.4km/h fully loaded at 15%
Dumping angle	70°
Box std.	12.5m ³
Capacity	25,000kg

Operating time

Discharging time.....	<12.0s
Lowering time.....	<10.0s

Speed

1st Gear	4.7km/h
2nd Gear	11.0km/h
3rd Gear	18.9km/h
4th Gear	31.4km/h

Engine

Diesel engine.....	CUMMINS QSM11
Output	216kW/2100rpm
Maximum torque	1478Nm/1400rpm

Transmission system

Torque converter	DANA CL5000
Transmission	DANA R36000
Axles	KESSLER D91
Tires	18.00-25 TT

Hydraulic system

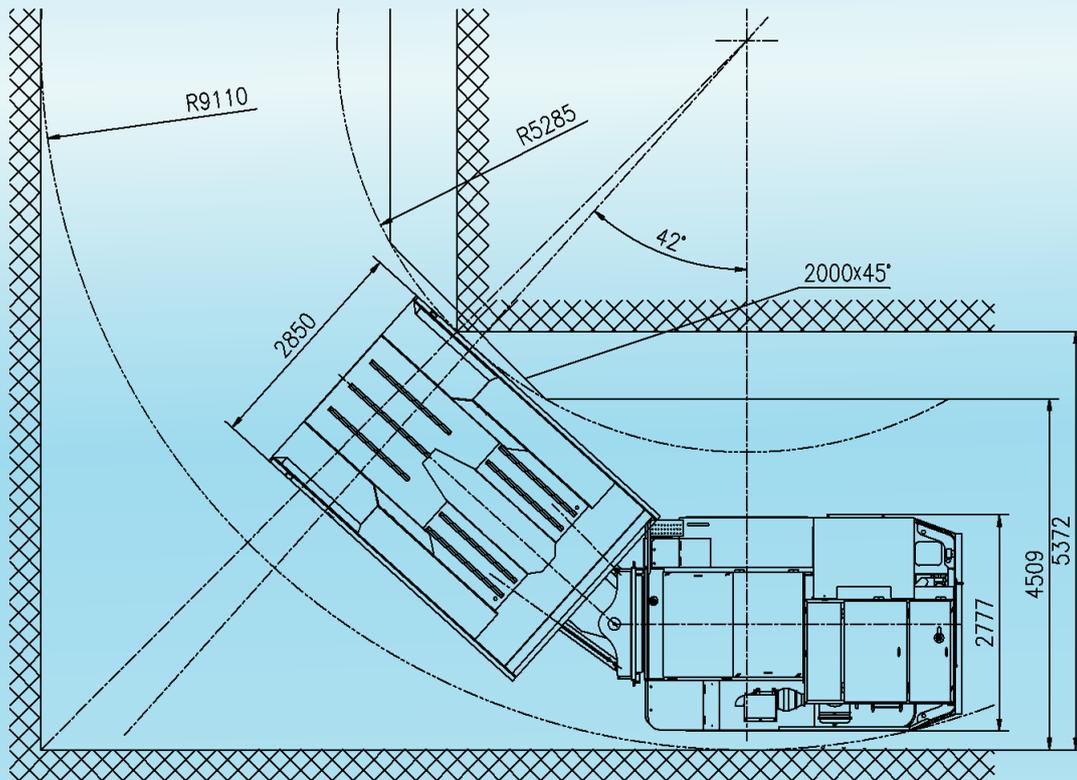
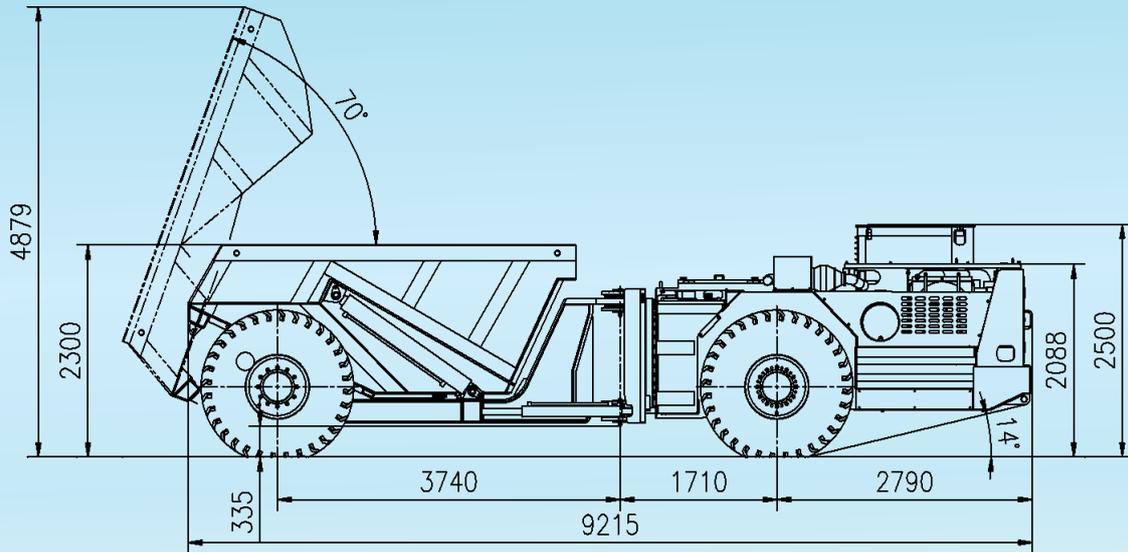
Steering system	Central articulation joint, hydraulic power steering by two cylinders
Turning angle	±42°
Steering system flow	93L/min
Steering pressure	16MPa
Operating system flow	205L/min
Operating pressure	17MPa
Braking system	SAHR
Braking pressure	17MPa

Electrical system

System voltage.....	DC24V
Alternator	24V/100A
Starter motor	7.5 kW/24V
Batteries	two 12V/200Ah
Lights.....	2 Front ,2 Rear, 2Canopy

Driver cab Meet American SAE Heavy duty Canopy ROPS/FOPS Standard

Dimension





AJK430

Weights

Empty vehicle weight.....	28,850kg
Gross vehicle weight.....	58,850kg

Operating capability

Maximum tractive effort	≥300kN
Maximum grade ability	6.4km/h fully loaded at 15%
Dumping angle	65°
Box std.	15m ³
Capacity	30,000kg

Operating time

Discharging time.....	<15.0s
Lowering time.....	<16.0s

Speed

1st Gear	6.2km/h
2nd Gear	10.7km/h
3rd Gear	18.3km/h
4th Gear	30.6km/h

Engine

Diesel engine.....	VOLVO TCD1352VE
Output	315kW/1900rpm

Transmission system

Torque converter	DANA CL8000
Transmission	DANA 6000
Axles	KESSLER D91
Tires	26.5 R25

Hydraulic system

Steering system	Central articulation joint, hydraulic power steering by two cylinders
Turning angle	±43°
Steering pressure	20MPa
Operating pressure	16MPa
Braking system	SAHR
Braking pressure	12MPa

Electrical system

System voltage.....	DC24V
Batteries	two 12V/200Ah
Lights.....	2 Front ,2 Rear, 2Canopy

Driver cab Meet American SAE Heavy duty Canopy ROPS/FOPS Standard



ATY5S

Weights

Empty vehicle weight.....	7,520kg
Gross vehicle weight.....	12,520kg

Operating capability

Maximum tractive effort	75kN
Maximum grade ability.....	9.0km/h fully loaded at 15%
Dumping angle	70°
Payload capacity	5,000kg

Speed

1st Gear	6.9km/h
2nd Gear	13.3km/h
3rd Gear	36.6km/h

Engine

Diesel Engine	DEUTZ F6L914
Max output	79kW/2200rpm
Max Torque	385Nm/1500rpm

Optional

Hydraulic air compressor	DYNASET (Imported)
Hydraulic crane	Maximum capacity of 1000 kg

Transmission system

Torque converter	DANA C270
Transmission	DANA RT20000
Axles	DANA 112
Tires	10.00-20 TT

Hydraulic system

Steering system	Central articulation joint, hydraulic power steering by two cylinders
Turning angle	±41°
Steering system flow	73L/min
Steering pressure	15MPa
Operating pressure	16MPa
Service braking	LCB
Parking braking	SAHR
Braking pressure	16MPa

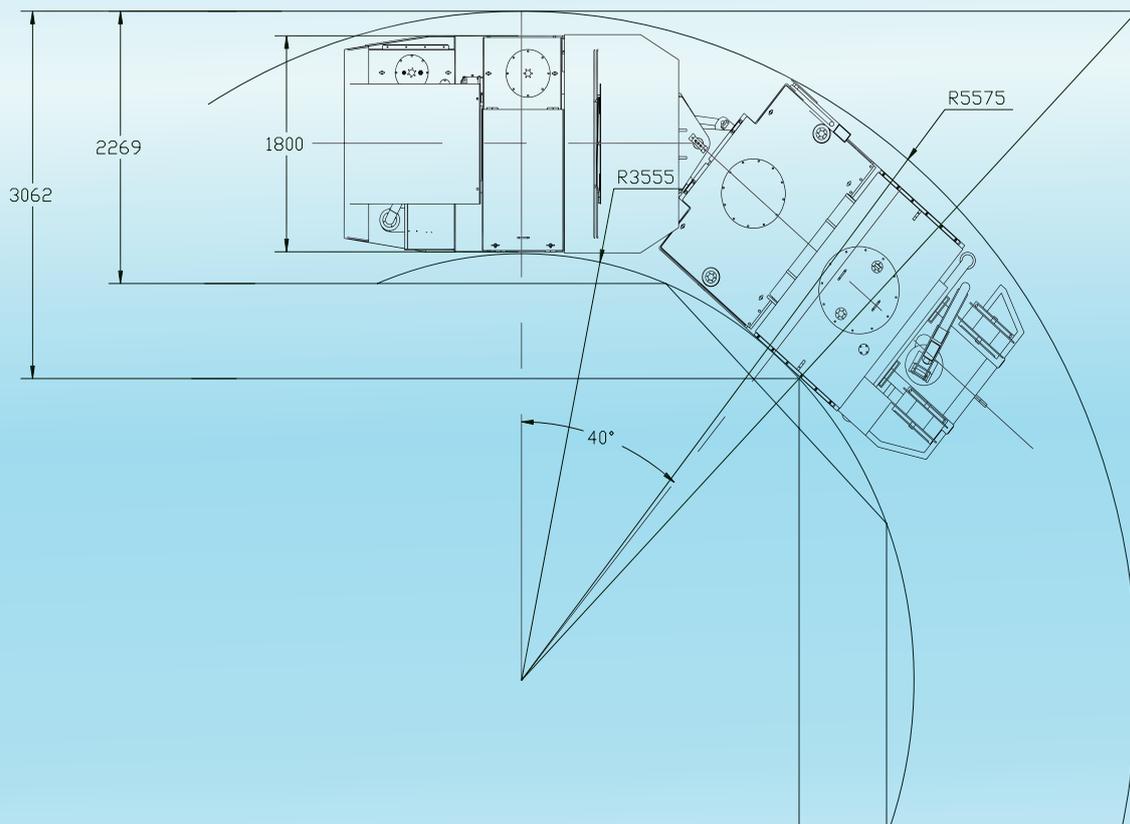
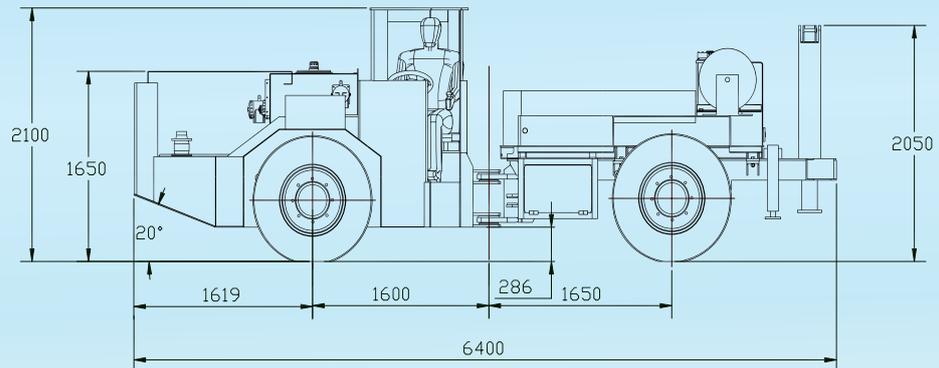
Electrical system

System voltage	DC24V
Alternator	28V/100A
Starter motor	4.0kW/24V
Batteries	two 12V/135Ah
Lights	2 Front ,2 Rear

Driver cab Meet American SAE Heavy duty Canopy ROPS/FOPS Standard

ATY5S Service Vehicle

Dimension





Weights

Empty vehicle weight.....8,400kg
 Gross vehicle weight.....14,400kg

Operating capability

Maximum tractive effort85kN
 Maximum grade ability 6.7km/h fully loaded at 15%

Operating time

Steering time.....<6.0s

Speed

1st Gear5.0km/h
 2nd Gear10.9km/h
 3rd Gear24.5km/h

Engine

Diesel engineCUMMINS QSB4.5
 Max output97kW/2300rpm
 Max torque511Nm/1500 rpm

Driver cab

Meet American SAE Heavy duty Canopy
 ROPS/FOPS Standard

Transmission system

Transmission& ConverterDANA 1201FT20000
 AxlesDANA 112
 Tires10.00-20 TT

Hydraulic system

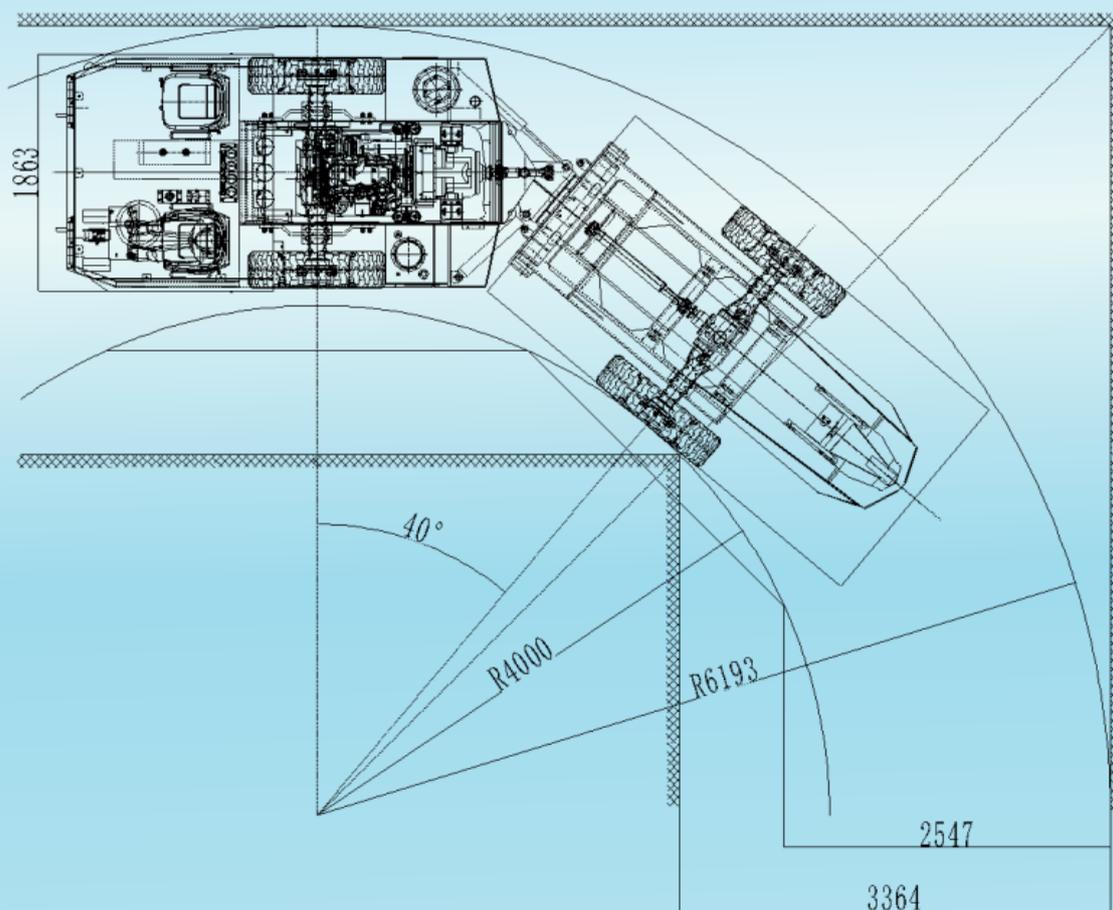
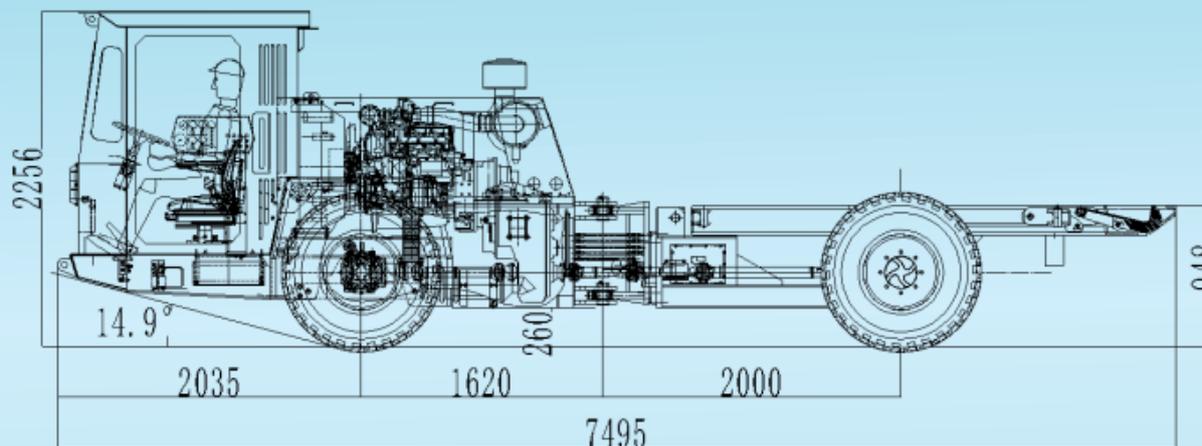
Steering systemCentral articulation joint,
 hydraulic power steering by two cylinders
 Turning angle±40°
 Steering pressure15MPa
 Service brakingLCB
 Parking brakingSAHR
 Braking pressure15MPa

Electrical system

System voltage.....DC24V
 Alternator24V/70A
 Starter motor4.8kW/24V
 Batteriestwo 12V/135Ah
 Lights2 Front ,2 Rear

ATY206 Service Vehicle

Dimension

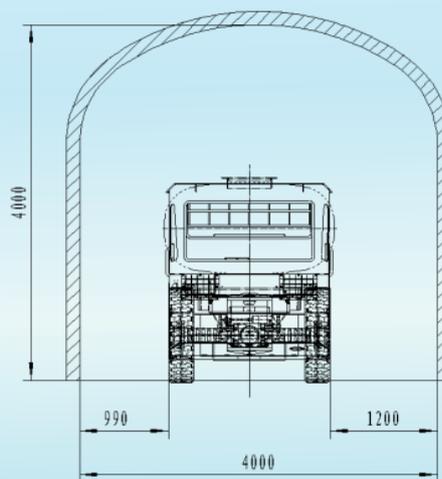


Sprinkler cassette

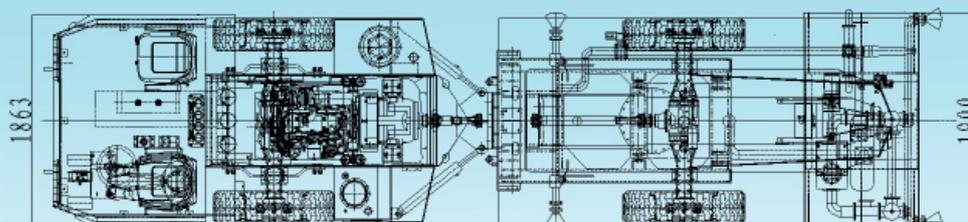
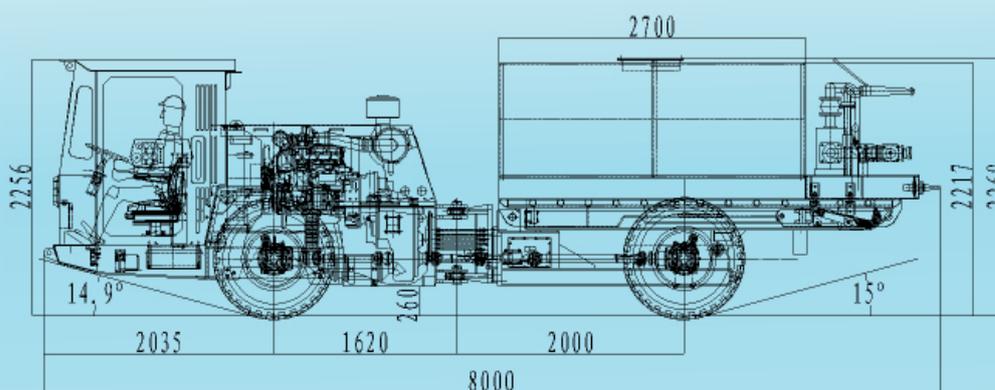


Specification

Volume.....4,500kg
 Loading capacity5,000kg
 Sprinkling zone≥5 m
 Ambient temperature-15°C~+40°C



Dimension



Diesel cassette

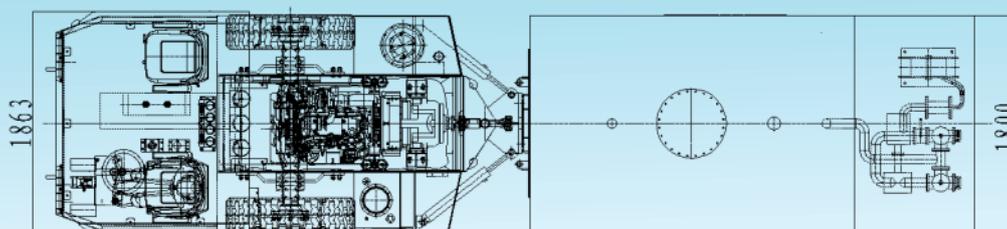
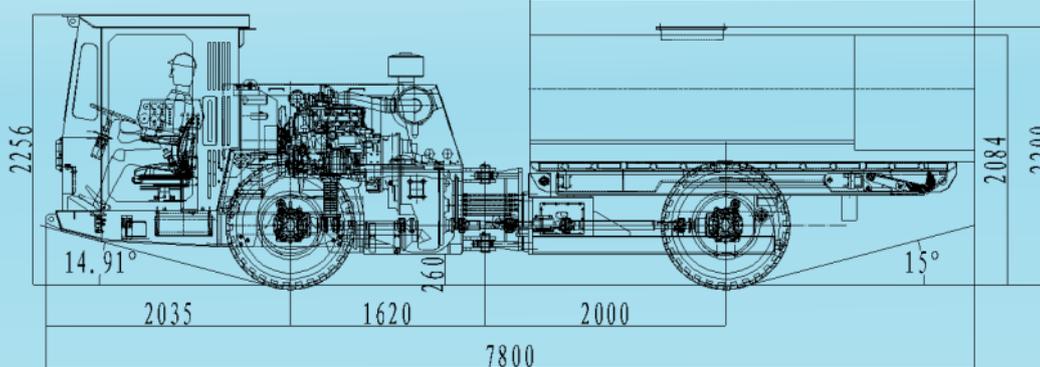
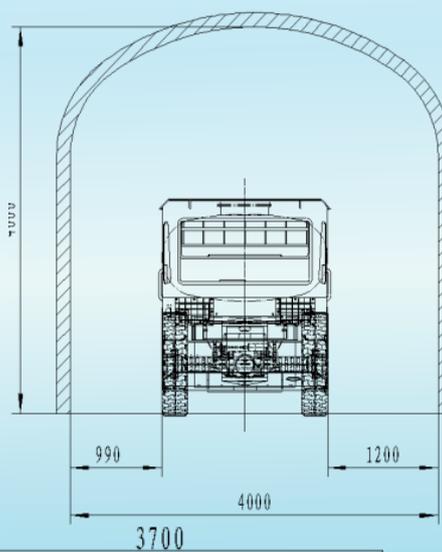
Dimension



Specification

Volume	3,500L
Loading capacity	5,000kg
Refueling flow.....	50L/min
Self-priming diesel flow.....	375L/min
Refueling hose diameter.....	Φ25mm
Refueling hose length	15m
Self-priming time	10min
Suction hose diameter.....	Φ50mm
Suction length.....	3m

Dimension





ATY5P

Weights

Empty vehicle weight7,100kg
 Lifting Capacity.....4,000kg

Operating capability

Maximum lifting height(platform to ground).....3500mm
 Scissor typesingle
 Hydraulic support legs4pcs

Operating time

Raising time<40.0s

Speed

1st Gear5.0km/h
 2nd Gear10.9km/h
 3rd Gear24.5km/h

Engine

Diesel engineCUMMINS QSB4.5
 Max output97kW/2300rpm
 Max torque511Nm/1500rpm

Driver cab

Meet American SAE Heavy duty Canopy
 ROPS/FOPS Standard

Transmission system

Transmission& ConverterDANA 120FT20000
 AxlesDANA 112
 Tires.....10.00-20TT

Hydraulic system

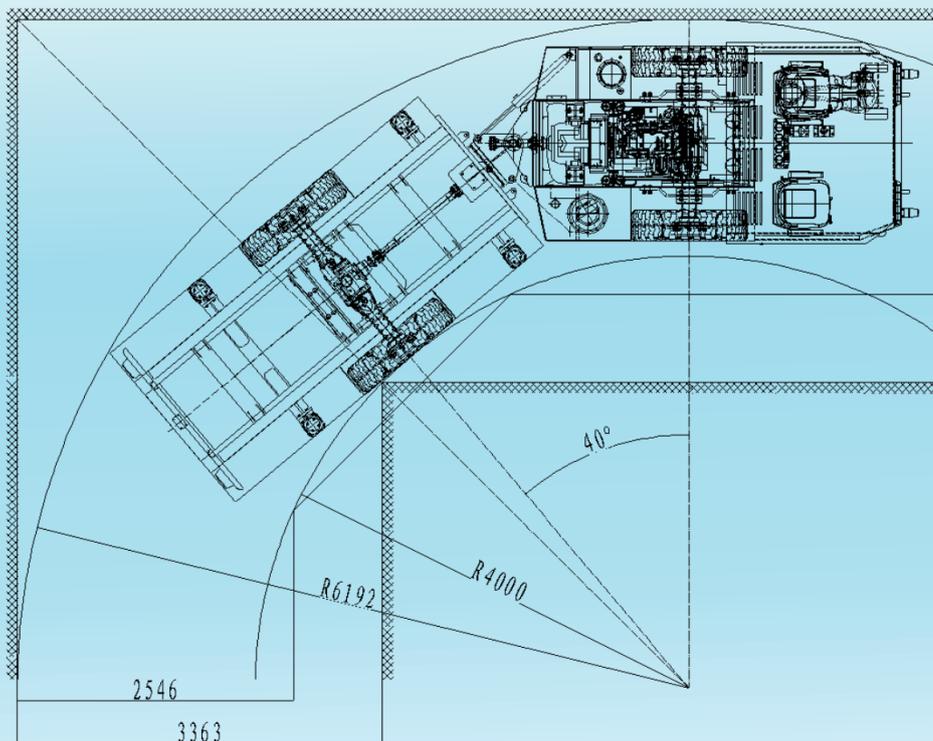
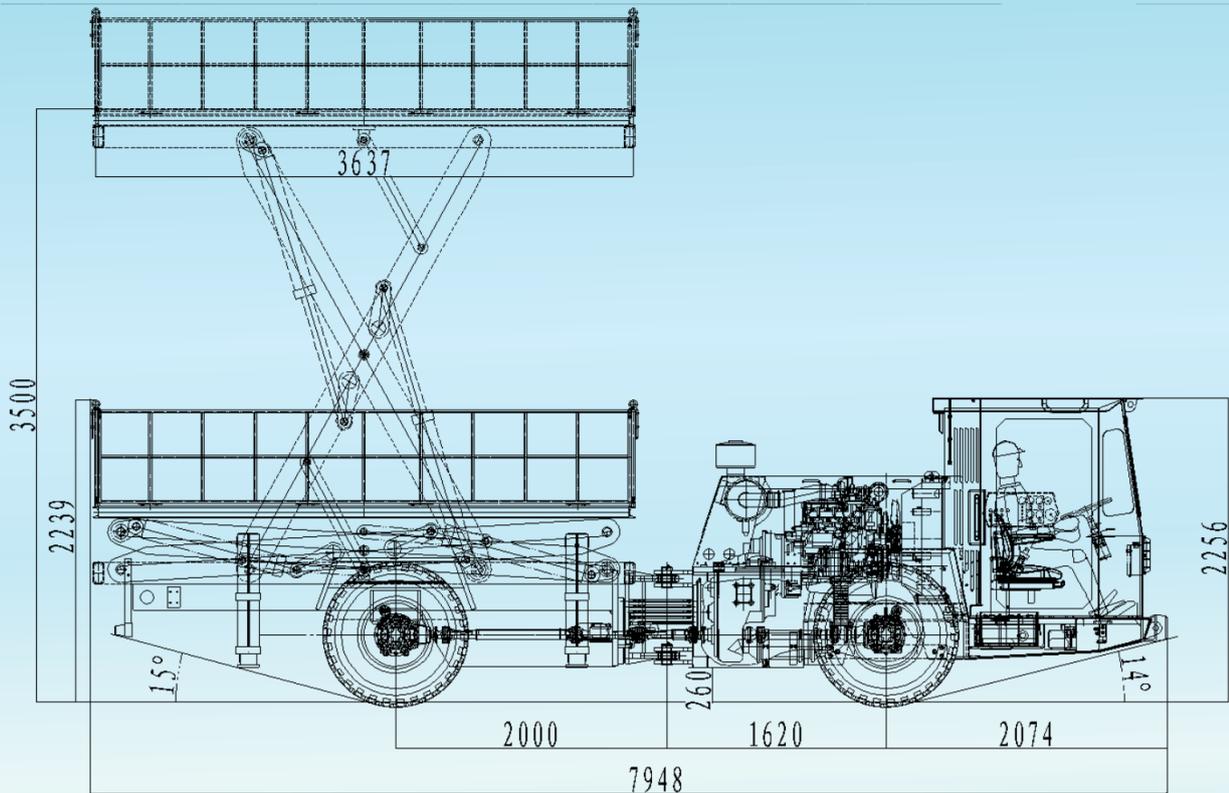
Steering systemCentral articulation joint,
 hydraulic power steering
 Turning angle±40°
 Steering system flow66L/min
 Steering pressure16MPa
 Service brakingLCB
 Parking brakingSAHR
 Braking pressure15MPa

Electrical system

System voltage.....DC24V
 Alternator24V/70A
 Starter motor4.8kW/24V
 Batteriestwo 12V/ 35Ah
 Lights2 Front ,2 Rear

ATY5P Scissor Lifting Platform **SinoMe** 鑫茂矿机

Dimension





AYS1700

Weights

Equipment weight 14,550kg

Operating capability

Breaker rod diameter 100mm

Breaker percussive power 1716J

Speed

1st Gear 4.0km/h

2nd Gear 8.3km/h

3rd Gear 16.3km/h

Engine

Diesel engine.....DEUTZ BF4M1013EC

Max output107kW/2300rpm

Maximum torque520Nm/1400rpm

Transmission system

Torque converterDANA C270

TransmissionDANA RT20000

AxlesMeritor C201

Tires10.00-24 TT

Hydraulic system

Steering systemCentral articulation joint,
hydraulic power steering

Turning angle $\pm 40^\circ$

Steering system flow75L/min

Steering pressure15MPa

Operating system flow110L/min

Operating pressure17MPa

Braking typeSAHR

Braking pressure16MPa

Electrical system

System voltage.....DC24V

Alternator28V/55A

Starter moto.....4.0kW/24V

Batteriestwo,12V/135Ah

Lights2 Front ,2 Rear

Driver cab

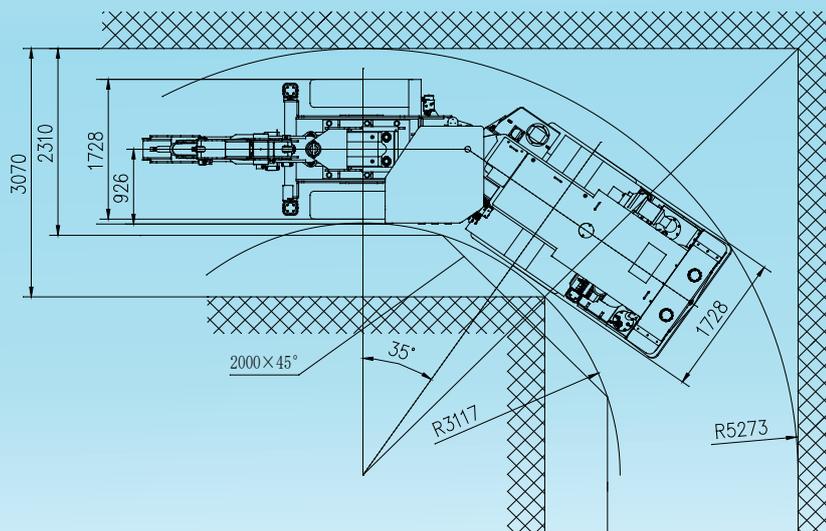
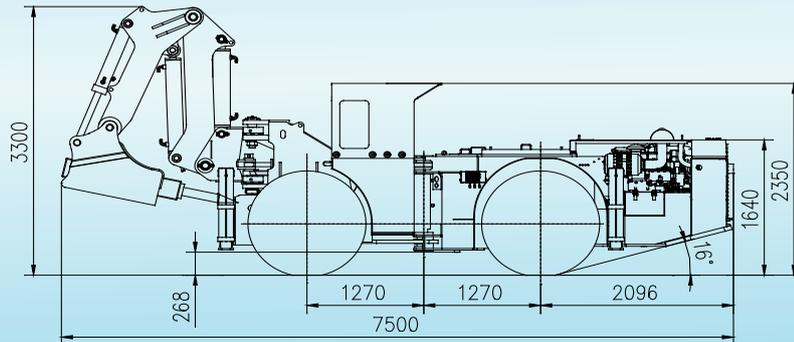
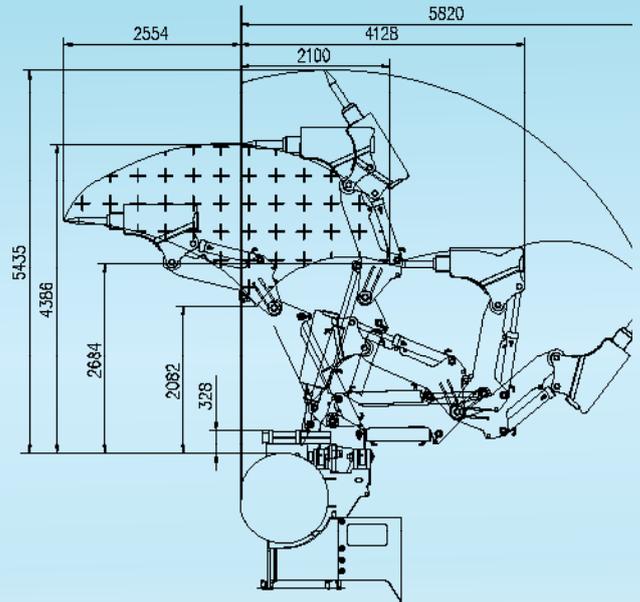
Meet American SAE Heavy duty Canopy ROPS/FOPS
Standard

AYS1700 Mobile Rock Breaker *SinoMe*

鑫茂矿机

Dimension

The AYS1700 Mobile Rock Breaker is a heavy duty, low profile vehicle specifically designed for breaking oversize blasted rock material in underground mining operations. On reliability and safety, the AYS1700 Underground Mobile Rock Breaker comes configured without compromise. The machine configured with air-cooled DEUTZ two-stage combustion engine, ECS catalytic converter and silencer, and DANA torque converter and powershift transmission. The main hydraulic systems use PARKER components, and is combined to work seamlessly with the hydraulic rock breaker. The machine also uses a dual circuit brake system, utilizing full hydraulic in-board wet disc service brakes mounted at each axle designed to keep out debris and mud and lengthen brake life. It is also equipped with secondary, spring-applied, hydraulic-released brake. NO-SPIN differential on the front axle ensures that the AYS1700 is sure-footed on tough terrain.





ATYR322

Weights

Empty vehicle weight.....9,900kg
 Gross vehicle weight11,900kg

Operating capability

Maximum tractive effort90kN
 Maximum grade ability7.0 km/h fully loaded at 15%
 Seat(with belt)20

Transport carriage

Carriage weight.....2,000kg
 Carriage loading weight2,000kg
 Carriage design..semi enclosed,with left,right and rear door
 Shock absorber.....leaf spring

Speed

1st Gear5.0km/h
 2nd Gear10.9km/h
 3rd Gear24.5km/h

Engine

Diesel engine.....CUMMINS QSB4.5
 Max output97kW/2300rpm
 Max torque511Nm/1500rpm

Transmission system

Converter & Transmission.....DANA1201FT20000
 AxlesDANA 112
 Tires.....10.00-20 TT

Hydraulic system

Steering systemCentral articulation joint,
 hydraulic power steering by two cylinders
 Turning angle±40°
 Steering system flow36L/min
 Steering pressure12MPa
 Service brakingLCB
 Parking brakingSAHR
 Braking pressure17MPa

Electrical system

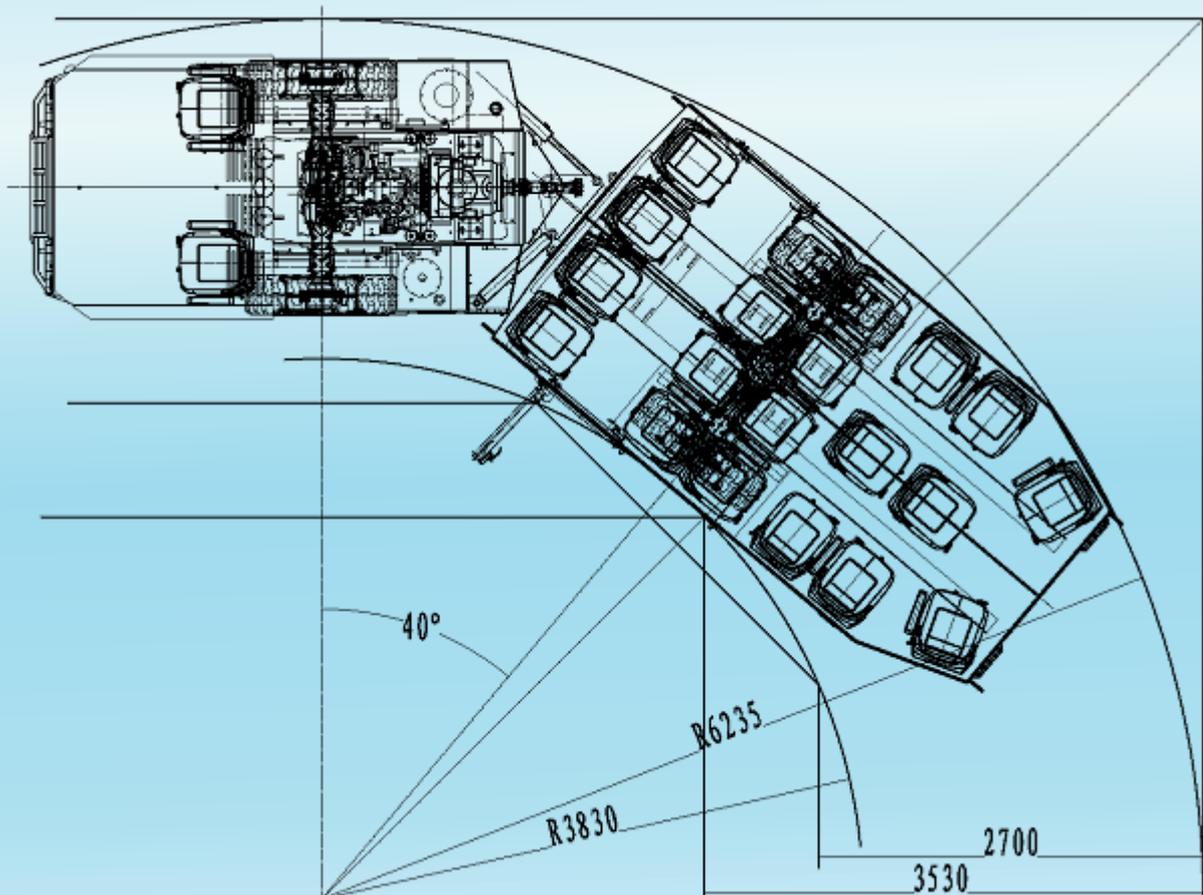
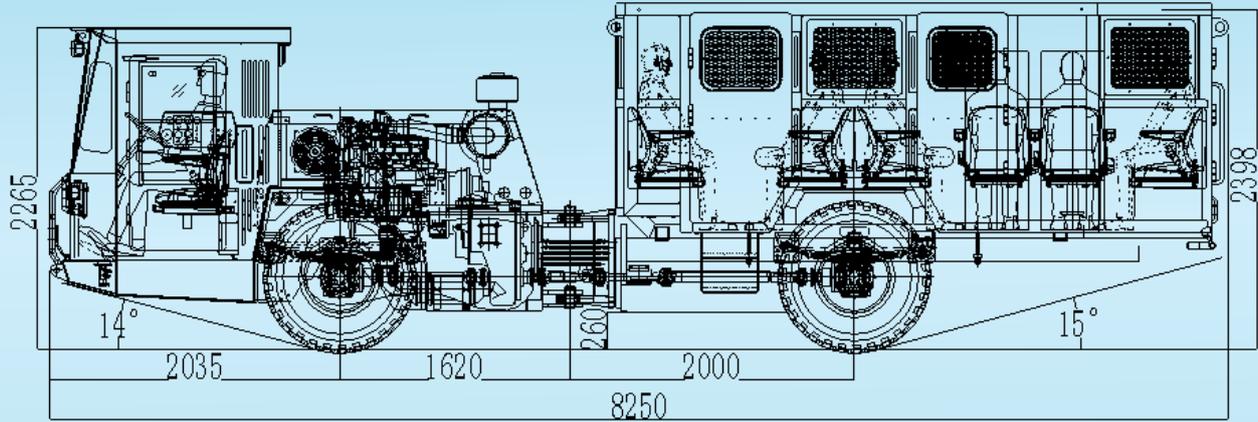
System voltage.....DC24V
 Alternator28V/70A
 Starter4.8kW/24V
 Batteriestwo,12V/200Ah
 Lights2 Front ,2 Rear

Driver cab

Meet American SAE Heavy duty Canopy ROPS/FOPS Standard

ATYR322 Personal Carrier 鑫茂矿机

Dimension





ATYB205

Weights

Empty vehicle weight.....	9,530kg
Gross vehicle weight	12,530kg

Operating capability

Maximum tractive effort	90kN
Size.....	1400×1350×1100mm
Capacity.....	2
Lifting capacity.....	500kg
Boom lifting angle.....	-18° ~+60°
Maximum lifting height	6.06m
Boom swing angle.....	±30°

Speed

1st Gear	5.0km/h
2nd Gear	10.9km/h
3rd Gear	24.5km/h
Grade ability	6.7 km/h fully loaded at 15%

Engine

Diesel engine.....	CUMMINS QSB4.5
Max output	97kW/2300rpm
Max torque	511Nm/1500rpm

Transmission system

Converter & Transmission.....	DANA1201FT20000
Axles	DANA 112
Tires	10.00-20 TT

Hydraulic system

Steering system	Central articulation joint, hydraulic power steering by two cylinders
Turning angle	±42°
Steering pressure	12MPa
Service braking	LCB
Parking braking	SAHR

Electrical system

System voltage.....	DC24V
Alternator	28V/70A
Starter	4.8kW/24V
Batteries	two, 12V/120Ah
Lights	2 Front ,2 Rear

Driver cab

Meet American SAE Heavy duty Canopy ROPS/FOPS Standard

ATYB205 Arm lifting trolley 鑫茂矿机

Dimension

