

SITON

XTUW-4

Underground Loader



XTUW-4 Underground Loader

XTUW-4 underground loader is designed for non-coal mine to load and transport the loose material after explosion. It requires the working environment with good ventilation, hard and flat floor, and without explosive medium or gravels around. The loading capacity is 10 Tons.

Dynamic Stability

By using Volvo engine, DANA hydraulic torque converter, DANA power shift gearbox and Kessler drive axle, XTUW-4 is reliable, stable and low noise.

Safety First

All brakes are spring-applied, hydraulic release(SAHR) brakes, including service brake, parking brake and emergency brake. Those are safe and reliable in harsh environments and muddy roadways.

Operator Comfort and Ergonomics

Ergonomic joysticks

Comfortable GRAMMER air suspension seat



Note: This picture is for reference only. Different or optional configuration will make it looks different.

Main parameter

length	10277mm
Width (With standard bucket).....	2550 mm
Height.....	2380mm
Maximum tractive force	240KN
Weight.....	28500kg

Working capacity

Loading weight.....	10000kg
Lifting force.....	184kN
Shovel force.....	163kN
Bucket volume.....	5m ³

Power system

Diesel engine.....	Volvo TAD853
Rated power	235kW@2200rpm
MAX torque.....	1310Nm@1450rpm
Number of cylinders.....	Straight 6 cylinder
Displacement.....	7.7 L
Emission standard.....	Euro stage III
Exhaust system.....	DOC+POC+silencer

Speed

Gear I	5km/h
Gear II	9km/h
Gear III.....	16km/h
Gear IV.....	25km/h

Chassis

Axle.....	Kessler D102
Rear axle with Swing angle $\pm 8^{\circ}$	
Four-wheel drive	
Steering	$\pm 42.5^{\circ}$
Articulated Turning radius..	6550mm (outer),3250mm(inner)
Climbing ability.....	15°
Transmission.....	Dana 36000
Electronic gear shift, Four gear for both forward and rear	
Standard Differential	
Tyre.....	18.00R25
Torque converter.....	Dana C5000
Heavy-duty front frame, rear frame	
Hydraulic oil tank, maximum volume.....	250 L
Return oil filter + high pressure oil filter	
Oil temperature and oil level gauge	
Low oil level display	
Hydraulic oil filtration accuracy.....	10 μ m
Mineral-based hydraulic oil	

Hydraulic Steering system

Full hydraulic central articulation steering	
Steering Pump.....	Gear pump
Steering cylinder.....	2 PCS,125mm
Steering system pressure.....	130 bar

Working hydraulic system

When not steering, the steering pump and working pump joint the flow.

- Bucket working pump.....Plunger pump
- Lifting cylinder.....2 PCS, 160mm
- Tilt cylinder.....1PC, 200mm
- Bucket working system pressure.....265 bar

Braking hydraulic system

- SAHR, fully enclosed multi disc wet brake.
- Service braking, parking braking and emergency braking are integrated.
- With Manual emergency brake release pump
- Brake pump..... Gear pump

Cab

- ROPS/ FOPS approved,heavy-duty design
- Equipped a 7-inch color display for required engine information and alarms
- GRAMMER air suspension seat

Electrical system

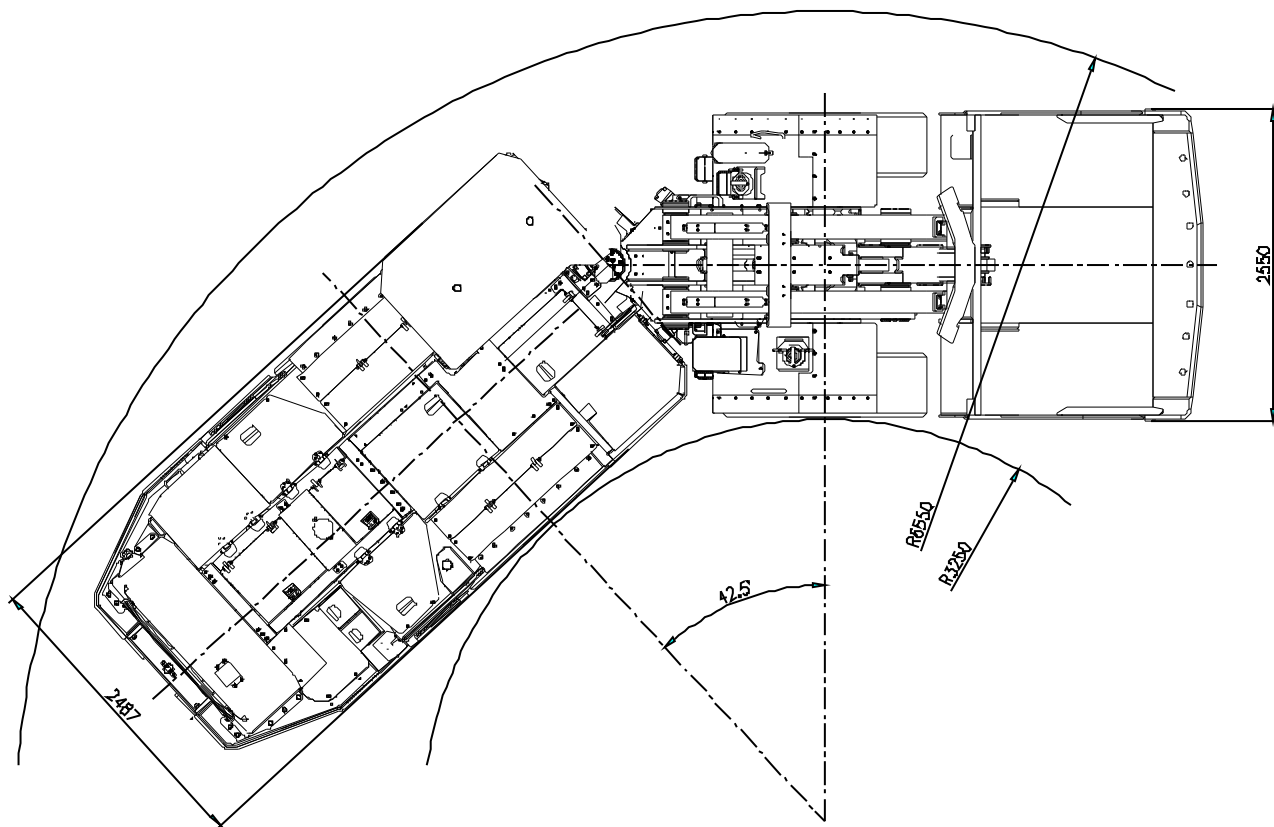
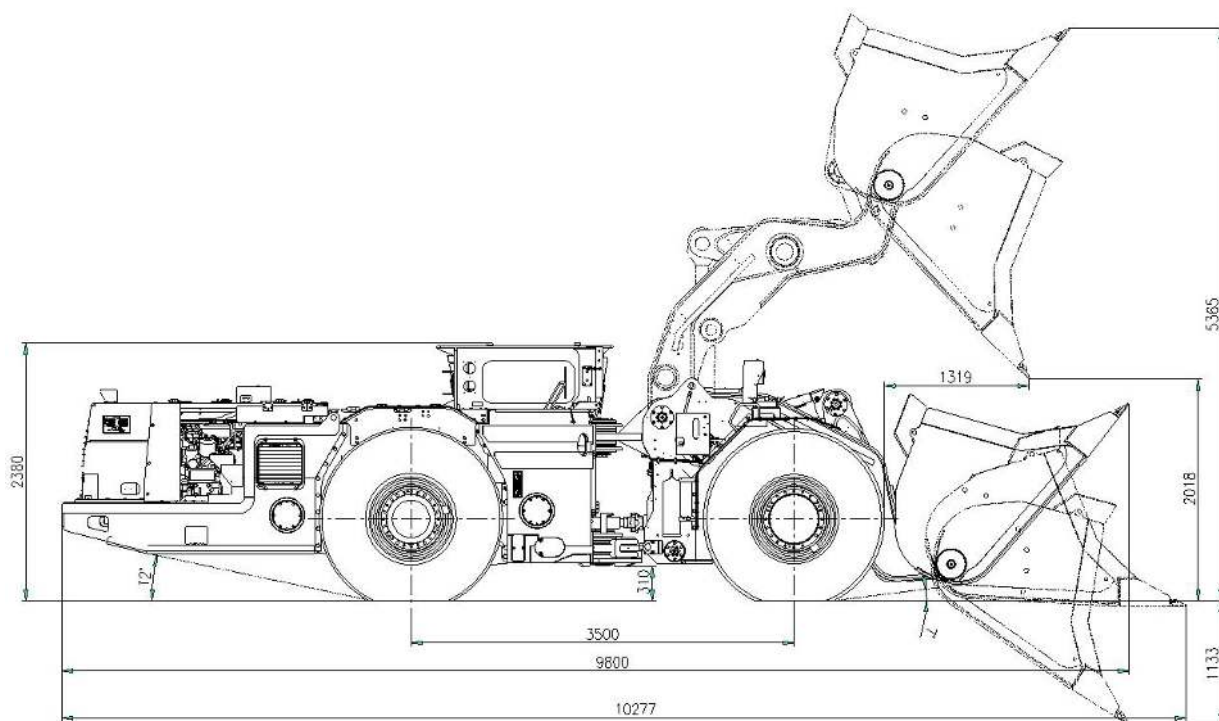
- Electric system voltage.....24 V
- Battery.....2 x 12V , 120Ah
- Traveling and working lights.....11 x 45W, 24V
- Parking lights.....4 x LED, 24V
- brake light
- Horn, reversing buzzer
- Reverse Camera and Monitor
- Warning alarm for High/Low oil temperature

Others

- Centralized Lubrication System
- Fire extinguisher
- Automatic fire extinguishing system (optional)
- Remote control (optional)

Note: This data sheet is for reference only. Due to different or optional configuration, Siton reserves the right to make changes to the information without prior notification to users.

Measurements





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