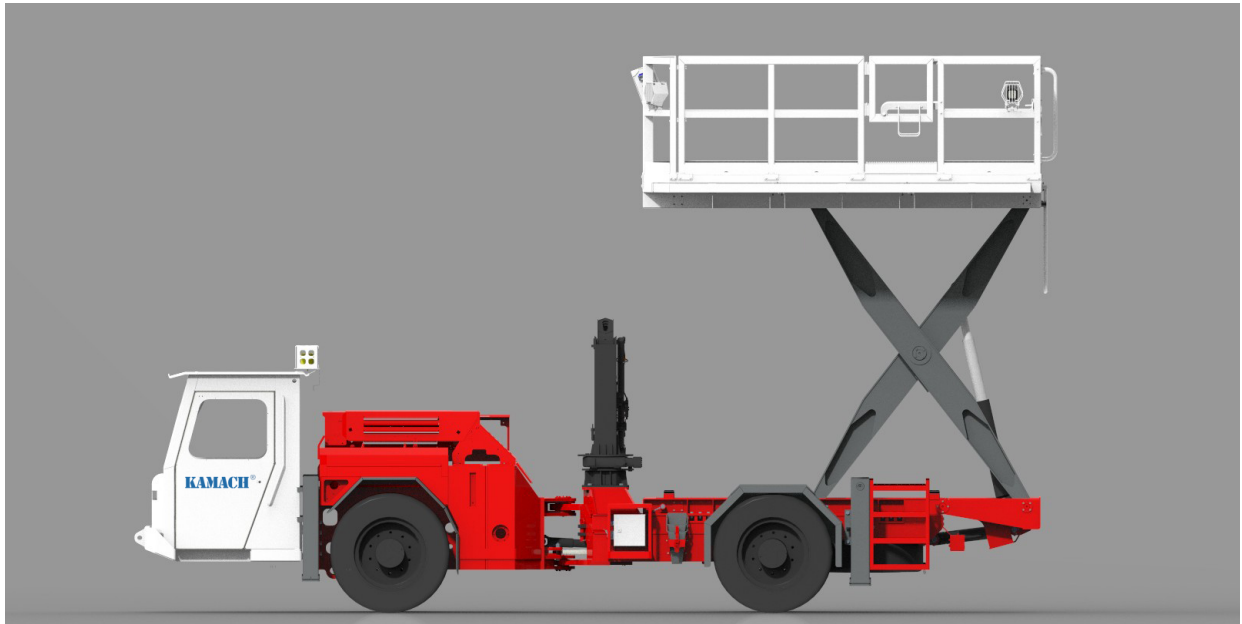


UK10LPT PIPE HANDLER



MAIN FEATURES

MULTISV-UK10 STD CHASSIS provides an innovative system for material transport in mines: a multipurpose system that allows the operator to perform several jobs with only one vehicle.

The MULTISV-UK10 STD CHASSIS system consists of a series of cassettes, each for a different purpose, that fit on the common carrier. The rugged load handling device means the carrier can switch cassettes in less than one minute.

The powerful liquid cooled turbo charged 120 kW TIER 3 approved engine provides clean and efficient operation and gives maximum speed of 7 km/h fully loaded in upward inclined 1:7 tunnel. In horizontal tunnel the maximum speed is 25 km/h.

Vehicle has optional front axle suspension system that improves driving safety and comfort and reduces fatigue. The suspension system reduces vibration from wheels to the cabin and improves handling of the vehicle. The suspension system gives efficiency and speed to vehicle usage, with safety and comfort for the driver and the passenger.

The new **KAMACH** FOPS and ROPS approved safety cabin provides superior visibility and comfortable compartment for the driver and the passenger. Cabin is designed for safe and easy entry and exit. Door openings are wide and handrails and non-slip steps are correctly positioned. Dashboard is easy and simple to use. New multifunctional display (MID) provides driving information (speed, RPM, temperatures etc.) and information can be recorded for analysis. Enclosed cabin provides noise level < 75 dB ensuring safe and comfort driving.

Vehicle layout allows easy access to all service points, all daily checks can be done from the ground level.

TECHNICAL SPECIFICATION

Diesel engine	
Brand	Deutz
Model	TCD2013 L4
Type	water-cooled diesel engine, turb-ocharged
Rated power	120 kw/2300rpm
Emission standard	Europe Tier 3
Exhaust purifier+Silencer	Yes

Transmission	
Brand	DANA
Model	24000
Type	Electric control power shift transmission
3 speed F/R	
4 wheel drive	

Drive axle	
Brand	DANA
Model	123
Front axle swinging, oscillate angle $\pm 8^\circ$	
Front axle with all hydraulic air suspension system	
Rear axle fixed	

Braking system	
Service brake	Front/rear axle adopt dual hydraulic circuit independent braking system
Parking brake	Front/rear axle adopt spring brakes, hydraulic release
Emergency stop	Spring brake, hydraulic release
Braking system equipped with automatic pressure protection, automatic-brake at neutral gear shift.	

Tire	
Tire size	12.00-20 PR 20

Lubrication	
Manual central lubrication system	Standard
Automatic central lubrication system	Optional

Steering	
Central articulation, all hydraulic steering	
Articulation steering angle	±40°

Hydraulic system	
Variable plunger pump	190 bar, 95 L/min@2300rpm
Hydraulic oil tank volume	105 L

Electric system	
New generation Norsmart automatic control system	
Integrated PLC input/output, multi-function Display	
Failure diagnosis system and self-protection system	
Vehicle running data, failure record may be checked and copied.	
Stainless steel instrument panel, electricity cabinet	
IP68 class electric system, with aviation plug for wirings;	
Burning and high temperature resistance wiring	
LED work light, tramming light, clearance, indicator	
Rotary warning light (Yellow)	

Cab	
Sealed cabin with 2 seats, FOPs+ROPs standard	
Windshield, rain scraper and motor, etc.	
Heater	
Air-conditioner	

Others	
Manual brake release device	
Travel aid system	
Slippers	
6 kg manual fire extinguisher	

Optional device	
Automatic fire suppression system, manual activation + automatic activation	
Spare wheel and rim	
Spare rim	
12VDC socket in Cab	

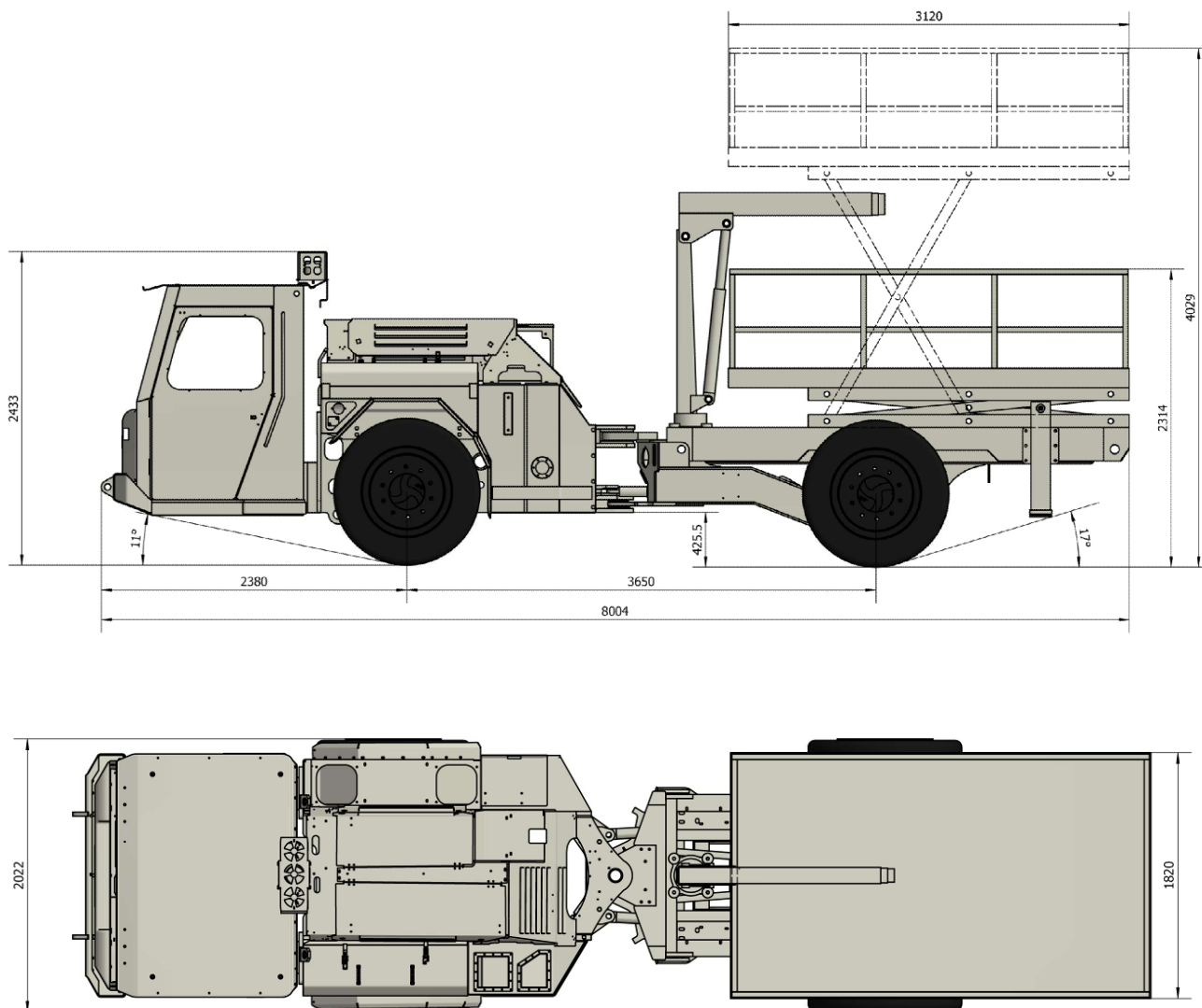
Size	
Length	8000 mm
Width	2022 mm
Height	2500~2750 mm Crane
Cab height	2300~2450 mm
Wheelbase	3650 mm
Track	1650 mm
Min. ground clearance	425.5 mm

Turning radius	
External	6365 mm
Inner	3930 mm

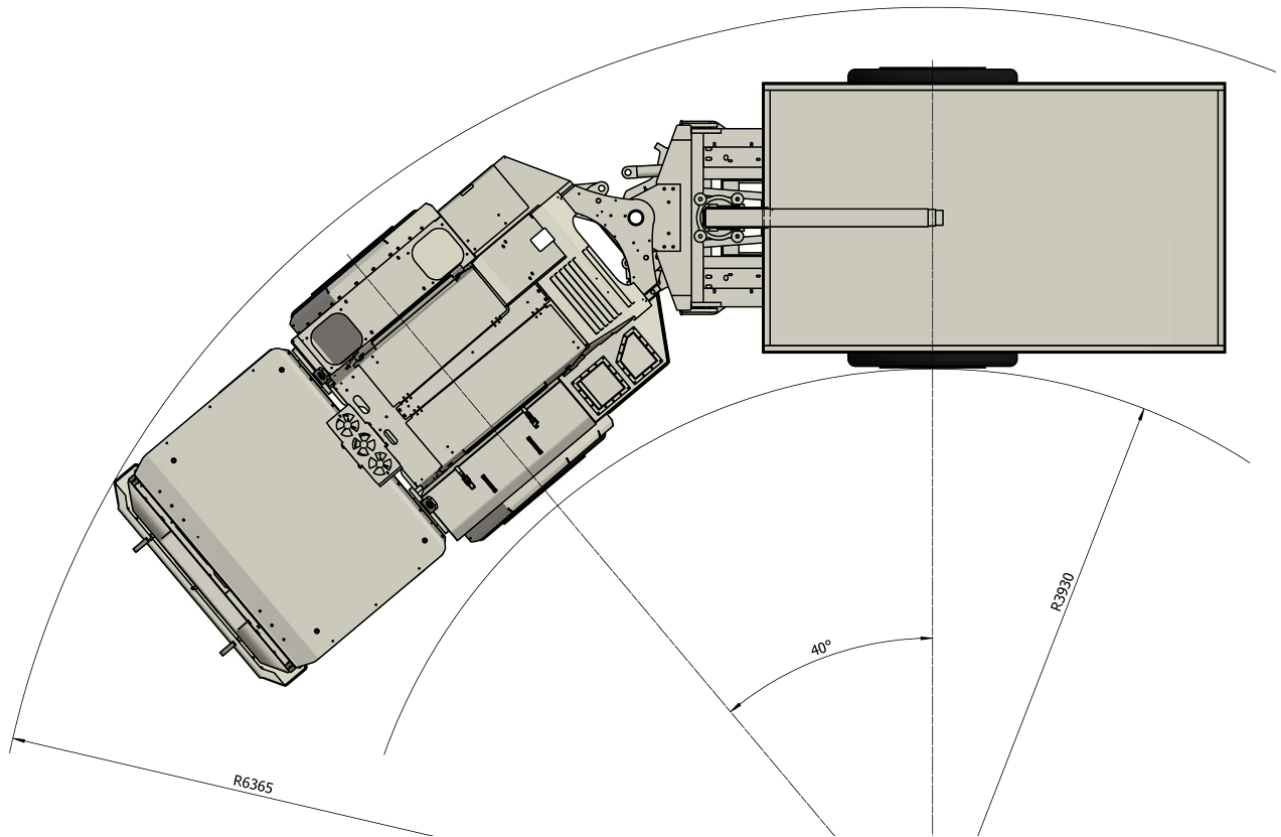
Weight	
Empty weight	12800 kg
Weight fully loaded	22000 kg

Platform & Truck Crane	
Platform length	3120 mm
Platform width (LEFT+RIGHT)	1820±700 mm
Platform height	460 mm
Vertical working reach	4030 mm
Lifting capacity at 4030mm	1000 kg
Maximum lifting capacity	3000 kg
Maximum lifting torque	14 kN·m

SIZES



TURNING RADIUS



WORKSHOP:

