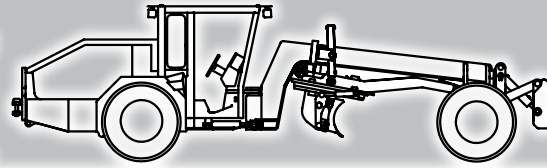
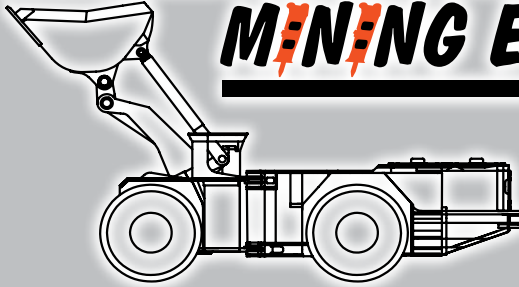


NPK



Mining Equipment



Mining and Tunneling

*Lightweight for
Heavy-Duty Use*



UNIVERSA 40

Universa 40

The PAUS Universa 40 is a high-quality utility vehicle for underground applications. The vehicle's smaller size allows for excellent maneuverability.

The Universa 40 is available either with a fixed configuration or as part of a range of different cassettes that can be fitted to a quick-change system.

Product Features:

- Payload to gross vehicle weight ratio of 7:5
- Hydrostatic drive
- ROPS / FOPS driver's cab
- Cost-effective multi-purpose utility vehicle
- Posi-Stop brakes
- Ultra-convenient maintenance
- Minimal turning radius due to steering articulation and oscillation

Attachment / Models

A range of standard attachments are available for the Universa 40 with quick-change system:



- Loading platform with either a center mounted or rear mounted flatbed crane
- Concrete mixer (volume 4 - 5 yd³) (3 - 3.8 m³)
- Service attachment (various tanks, such as fuel and lube tanks, 1,060 gallons / 4,000 l)
- Scissor platform (max. height 13 feet / 3,975 mm); angle of inclination +/- 8°
- Personnel Transporter (12 people)
- Workshop configuration with work-bench, various machines and tools

Well-equipped with Standard Features



Comfort Cab

Spacious cab with extra storage space and easily accessible, well-arranged control elements



Light Package

LED light package; two working headlights on the rear of the cab



Visualization

Display to analyze key vehicle data and display all error messages; additional display for diesel engine



Paus Power Flow

- Depending on the configuration, control of the oil supply by adjustable pumps, results in fuel-savings, reduced oil temperature and less wear and tear on components
- Oil supply with fewer supply lines for simpler maintenance and less risk of hose rupture
- Extremely flexible for cassette change (lifting frame and cassettes can be retrofitted)

Paus Power Drive

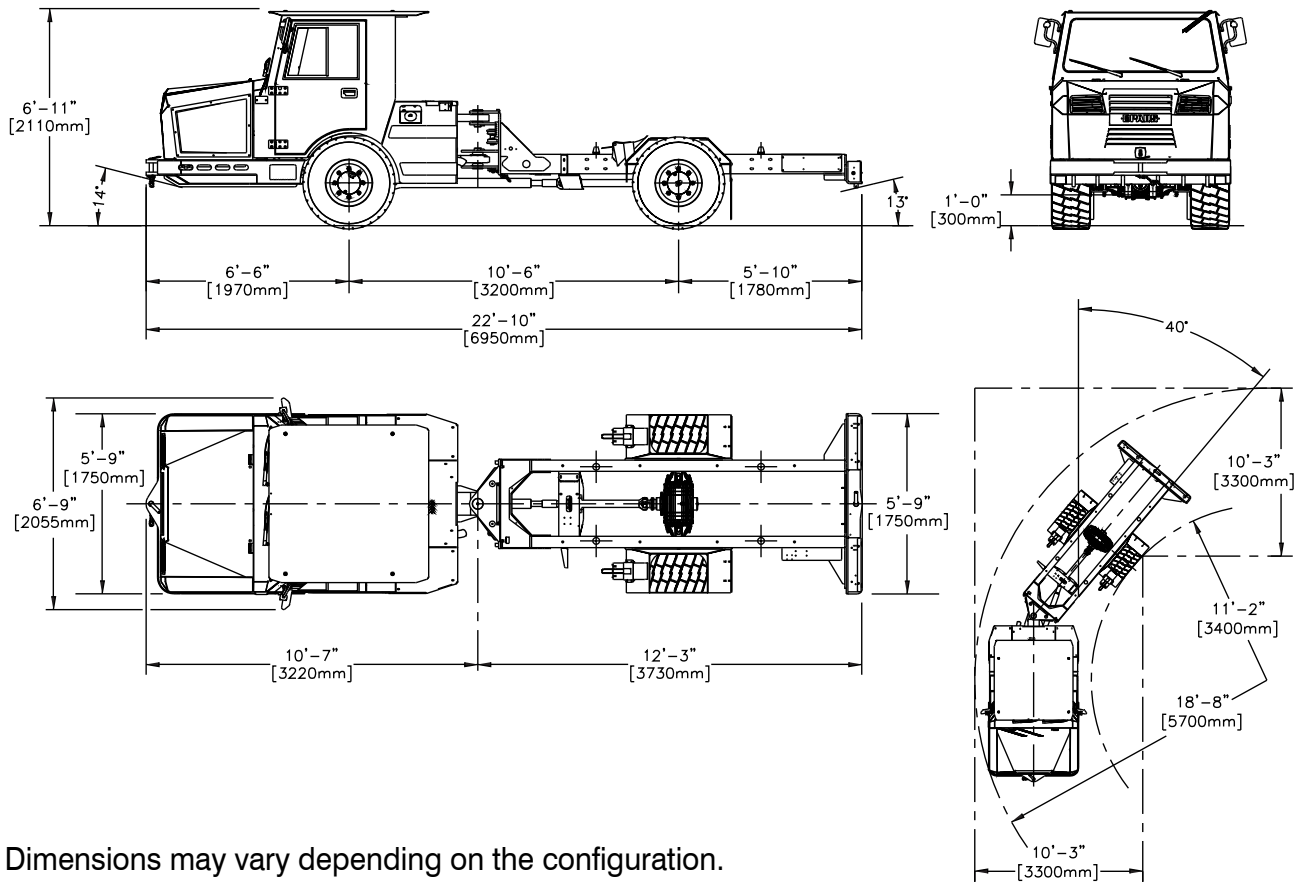
- Intelligent concept with working hydraulics a priority
- Overspeed protection when travelling downhill
- Drive protection: if the hydraulic oil temperature is exceeded (temp. range can be set), the drive is reduced to half-power, ensuring the vehicle remains maneuverable
- Minimum maintenance costs/idle time
- Vehicle safety by SIL 2 (Safety Integrity Level 2 as per IEC 61508)
- Fewer sensors due to compact electronics on the pump



Options

- Different engines available
- Heating, air conditioning
- Automatic central lubrication system
- Fire suppression system, full or semi-automatic
- Open or enclosed cabin
- Right-hand drive available
- Back-up camera
- Welding tool
- Compressor
- Headrests and 3-point belts
- Proximity detection

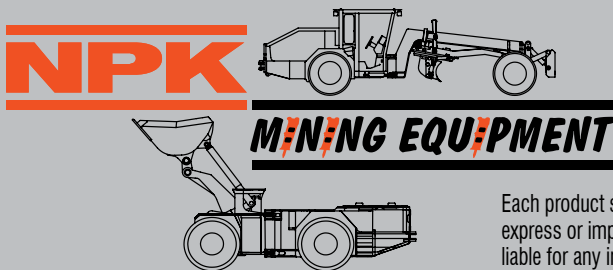
UNIVERSA 40 (Cassette not shown)



Dimensions may vary depending on the configuration.

Specifications

Payload	13,200 lbs (6,000 kg)
Operating Weight (without cassette)	15,000 lbs (6,800 kg)
Engine (Other engines available)	Deutz TCD 3.6 Tier 4i (water-cooled)
Engine Performance	107 hp (80 kW)
Chassis	Stable, rigid chassis frame with articulated steering
Drive	Hydrostatic
Axles / Brakes	Planetary rigid with enclosed oil-immersed multiple disc brakes, SAHR
Tires	14.50 R15
Speed	12.5 mph (20 km/h)
Gradeability	35%



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