Tunnel Dump Truck

ITC
INTERTECHNO TUNNELLING-EQUIPMENT COMMERCIAL SA

ITC10’500 #424’246

Informations

- Tunnel articulated Dump Truck PAUS model ITC 10’500 with all wheel drive and reverse seat.

- Construction year 2024
- Diesel drive 947 h

Technical data ITC 10’000A

Chassis
- Divided chassis with articulated joint and swinging front axle, articulated-joint lock, stable chassis frame welded out of high-quality sheet metal and sectional steel

Engine
- Water cooled, turbocharged, intercooling DEUTZ Diesel engine TCD 7.8 L6, Dry filter with preliminary filter.
- EU Stage V / EPA Tier 4F
- Rated power : 225 kW at 2’200 RPM

Electric system
- Electric system 24 V. Generator 28V, 35 A, battery 2 x 120 Ah.
- 4 headlights LED each front and rear, one working headlight LED on cab.

Axles
- Kessler planetary rigid axles with enclosed multiple-disc brakesRear axle fixed, front axle swingingly mounted to the vehicle frame.

Drive line
- Industrial full powershift single stage torque converter
- 4 Automatic speed change on the move gear box, shiftable under load
- all-wheel drive.
- 4x single tire 16.00 R 25.

Brakes installation
- Hydraulic two-circuit pump storage brake system, with oil-immersedmultiple-disc brakes enclosed in the axle box.
- Brake-pressure control by brake-circuit pressure gauge in driver’s stand
- Hydraulic spring-loaded parking brake effective as slide-saddle brake at the axle input of the rear axle.

Steering
- Central articulated joint with swinging front axle, pendulum angle +/- 8°,
- steering angle +/- 42°,Two double-effective steering cylinders
- Hydraulic caster-wheel steering, steering pump, steering orbitrol
- emergency-steering features

Inside turn radius	4’850 mm
Outside turn radius	7’650 mm

Special Body Volume
- Rear-tipping skip,
- skip volume 10 m³ struck, 11,5 m³ heaped,
- two double-effective tipping cylinders

Driver Stand
- Closed driver’s stand
- ROPS/FOPS cab with protection grid, body side.
- Comfortable driver’s seat with safety belt, hydraulically damped, adjustable,rotary driver’s seat can be swiveled for 180° for two drivings
- Standard instruments, automatic engine control for two driving directions easily accessible operating devices
- Joystick control on right armrest.
- The instruments and supervisory devices are installed in switch boxes
- Back alarm
- Position light
- Fire extinguisher manual and Automatic
- Central greasing device
- Cab AC and heating

Weight

operating weight:	22,9 to
payload:	22,0 to
axle load front:	21,0 to
axle load rear:	23,0 to

Subject to modification without prior notice.

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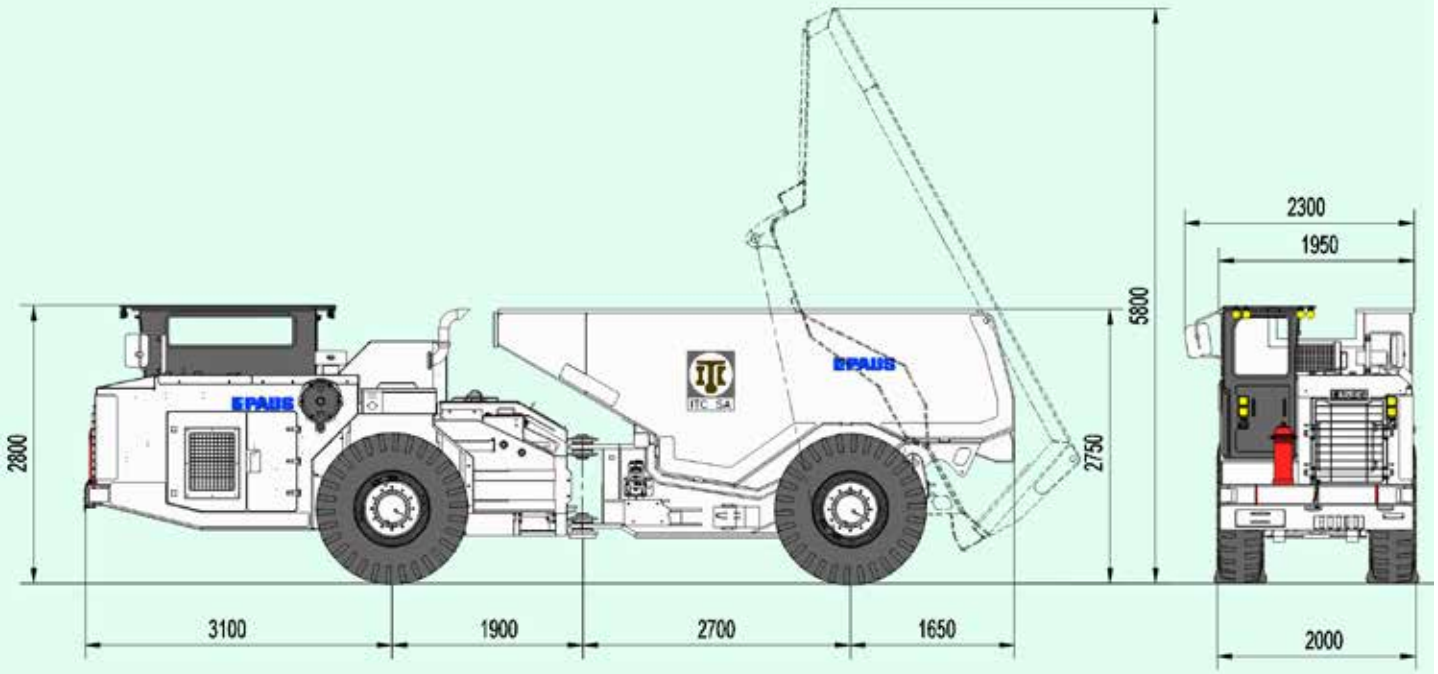
Actual configuration



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ITC- Intertechno Tunnelling-Equipment Commercial SA · 122, rue de la Fusion · CH-1920 Martigny · Tel +41-277 222 191 · Fax +41-277 222 185
Hermann Paus Maschinenfabrik GmbH · Siemensstr. 1-9 · D-48488 Emsbüren · Tel +49-5903 707 0 · Fax +49-5903 707 33
Internet: http//www.itcsa.com - email: info@itcsa.com & www.paus.de - mail@paus.de

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