

ITC INTERTECHNO TUNNELLING-EQUIPMENT COMMERCIAL SA

TUNNEL DUMP TRUCK

ITC 10500

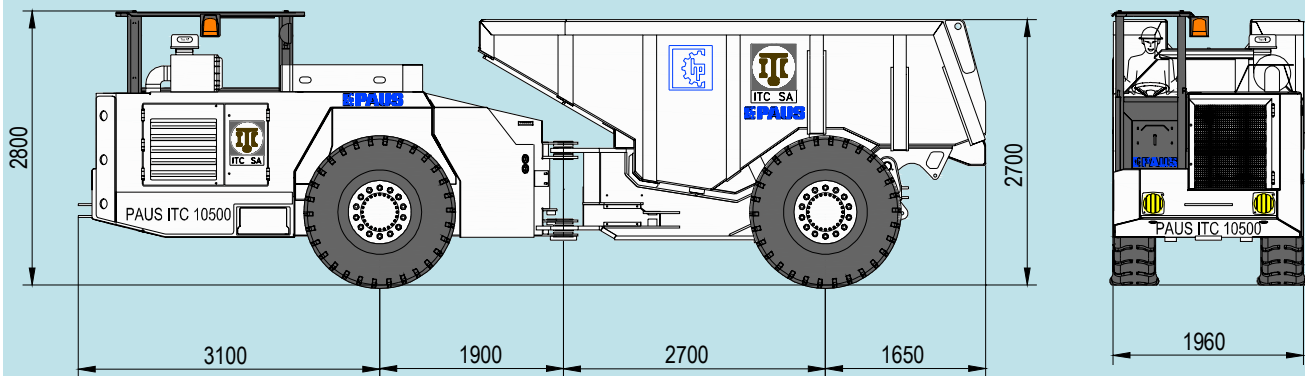


Picture not contractual

- Tunnel articulated Dump Truck PAUS model ITC 10500 with all wheel drive and reverse seat
- Diesel drive 240 kW
- Pay load 22 t
- Operating weight 41 t

EPAUS
...the people who care

ITC 10500



Technical data ITC 10500

Chassis

- Articulated welded frame.

Steering

- Hydraulic caster-wheel steering, two double effective steering cylinders
- Steering-wheel (double), steering angle $\pm 42^\circ$

Weight

- empty weight: 22,0 to
- perm. total weight: 41,0 to

Engine

- Type DEUTZ TCD 7.8 L06, turbo-charged with intercooled, 240 kW at 2.200 RPM
- Automatic engine cut off
- Dry air filter with TOP-Air pre-filter
- Exhaust emission acc. to Euro 3b, Tier 4i
- Self-regenerating soot filter

Electrical system

- Battery main switch
- Operating voltage 24 V
- Generator 28 V, 55A
- Batteries 2x 12 V, 110 Ah
- Horn 125 dB (A)

Axles

- D81 Kessler planetary rigid axles, front axle swingingly ($\pm 10^\circ$) and rear fixed to the vehicle frame.

Drive unit

- Dana Spicer hydrodynamic drive unit, full power shift CL8572
- 4 speed gear box transmission Type Clark R36441, all-wheel drive.
- Mining tires 16.00 R 25, Goodyear.

Braking system

- Hydraulic two-circuit pump-storage brake system, as service brake, with oil-immersed multiple-disc brakes, System Posi-Stop (negative brakes), hydraulic spring-loaded
- Parking brake effective on a disc brake of the drive flange.

Speed, Loaded

| | forwards | backwards |
|------------------|----------|-----------|
| 1. Gear | 4 km/h | 4 km/h |
| 2. Gear | 9 km/h | 9 km/h |
| 3. Gear | 16 km/h | 16 km/h |
| 4. Gear | 27 km/h | 27 km/h |
| climbing ability | 30 % | 30 % |

Traction, loaded, max.

| | |
|----------|--------|
| 1st Gear | 280 kN |
| 2nd Gear | 115 kN |
| 3rd Gear | 66 kN |
| 4rd Gear | 38 kN |

Tank capacity

- Fuel 350 l
- Hydraulic oil 200 l

Body Volume

- Rear-tipping skip with two double-acting tipping cylinders, operating pressure 180 bar.

Security

- CCTV for reverse drive with colour LCD monitor
- Backalarm (107 dB(A))
- Fire extinguishing device
- Fire extinguisher
- CE-Conformity

Transport performance

- Payload 22'000 kg
- Body Volume heaped 12,0 m³
- Body Volume stroked 10,5 m³
- Lift time approx. 18,0 sec
- Drop time approx. 9,0 sec

Driver Stand

- Driver's stand with roll-over bracket and ROPS/FOPS tested protection roof
- Protective grid bin-sided
- Comfortable driver's seat, 180° rotating for both driving directions, with safety-belt
- 2 outside rear view mirrors
- Ergonomic driving stand
- For both driving directions: wheel-steering, brake pedal, gas pedal, gear shift lever, brake pressure manometer, converter oil pressure, converter oil temperature.

Lightning

- Two headlights each front and rear (mining execution 549519)
- 1 working headlight
- 1 yellow revolving beacon

Optionals

- Retarder
- Central greasing device
- Closed ROPS / FOPS operator's stand
- Air conditioning for closed operator's stand
- Start blocking by tipped skip



Hermann Paus Maschinenfabrik GmbH
www.paus.de mail@paus.de ☎+49-5906 707 0



ITC

INTERNATIONAL TUNNELLING-EQUIPMENT
 COMMERCIAL SA

ITC SA
www.itcsa.com info@itcsa.com ☎+41 277 222 191