

Tunnel Dump Truck



ITC

INTERTECHNO TUNNELLING-
EQUIPMENT COMMERCIAL SA

ITC10'500A #112'028



Informations

- Tunnel articulated Dump Truck PAUS model ITC 10'500A with all wheel drive and reverse seat for interchangeable structures.

| | |
|------------------------|------------|
| Construction year | 2012 |
| First operation | 09.2014 |
| Open cab | |
| Height of cab | 2'580 mm |
| Power | 180/240 KW |
| Diesel Engine | 2'559 h |
| Soot particules filter | |

Technical data ITC 10'500A

Chassis

- Articulated welded frame.

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 4A
- Self-regenerating soot filter

Electric 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 line

- 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.

Brakes installation

- 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.

Steering

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

| | |
|---------------------|---------|
| Inside turn radius | 4850 mm |
| Outside turn radius | 7650 mm |

Special Body Volume

- Rear-tipping skip,
- skip volume 9,5 m³ struck, 11 m³ heaped,
- two double-effective tipping cylinders

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% |

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.

Weight

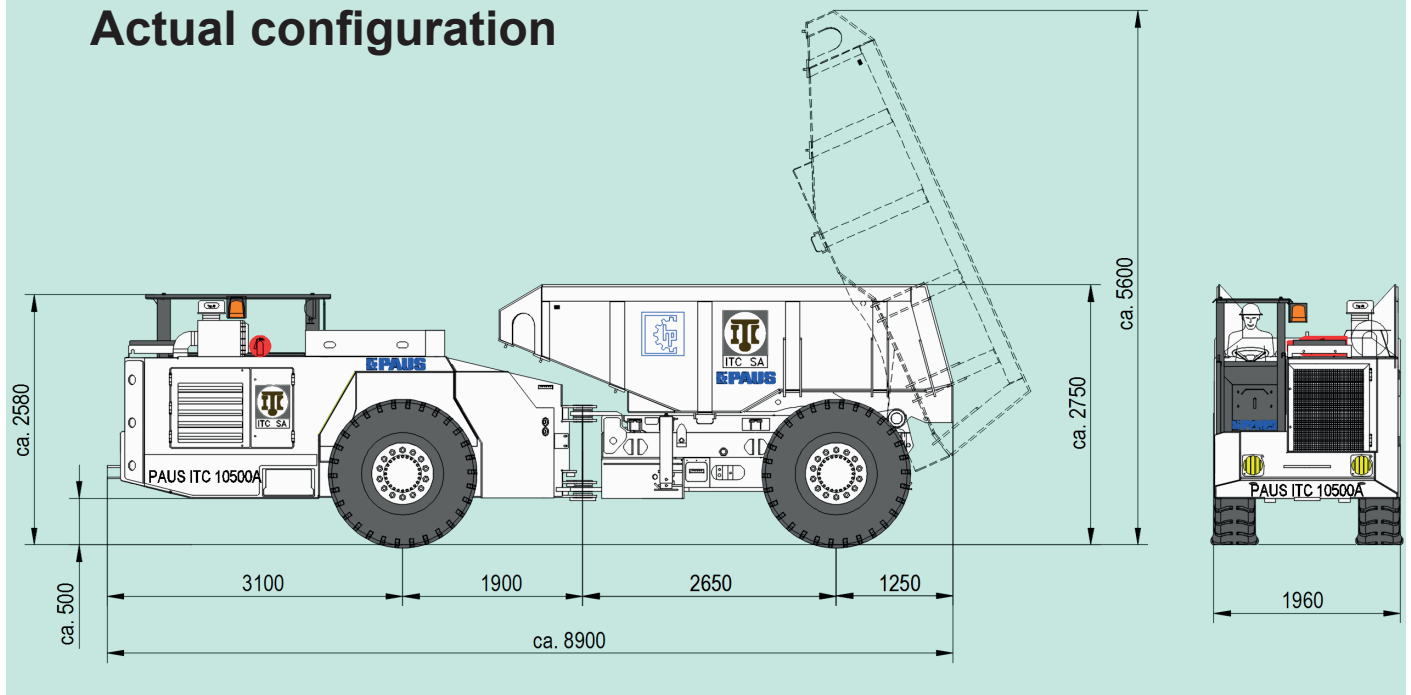
| | |
|---------------------|--------|
| empty weight: | 21,0 t |
| perm. total weight: | 43,0 t |
| payload: | 22,0 t |
| axle load front: | 21,0 t |
| axle load rear: | 22,0 t |

Interchangeable superstructures

- Rock body
- Concrete mixer
- Service platform with/without crane
- Areal basket, etc

Further details of attachments and accessories available upon request.

Actual configuration



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...the people who care

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