

# 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 m<sup>3</sup> struck, 11 m<sup>3</sup> 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 to
perm. total weight:	43,0 to
payload:	22,0 to
axle load front:	21,0 to
axle load rear:	22,0 to

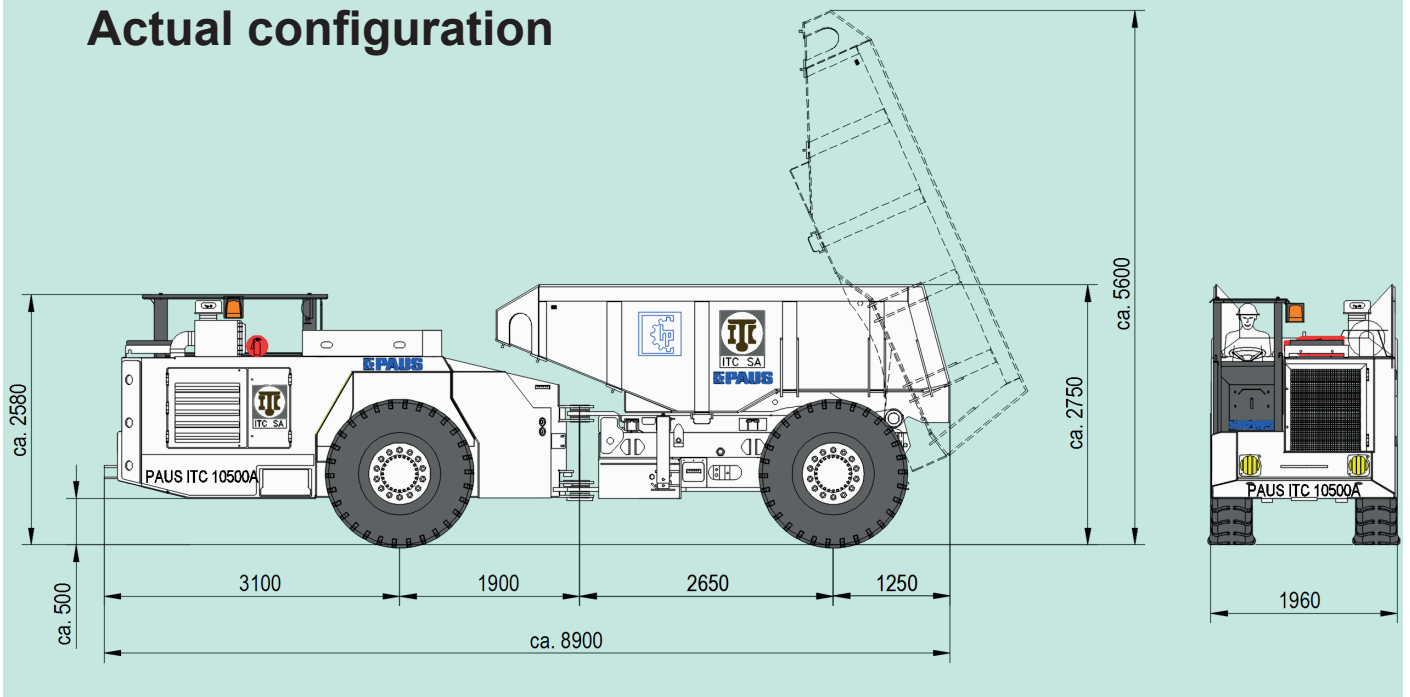
#### Interchangeable superstructures

- 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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