



**ITC** INTERTECHNO TUNNELLING-EQUIPMENT COMMERCIAL SA

## TUNNEL DUMP TRUCK ITC 10500



Option: Closed cab

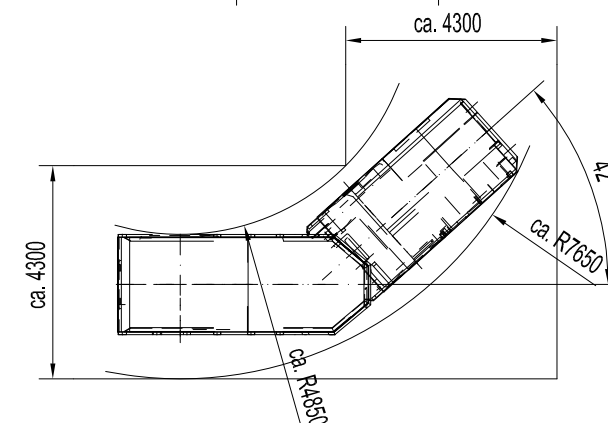
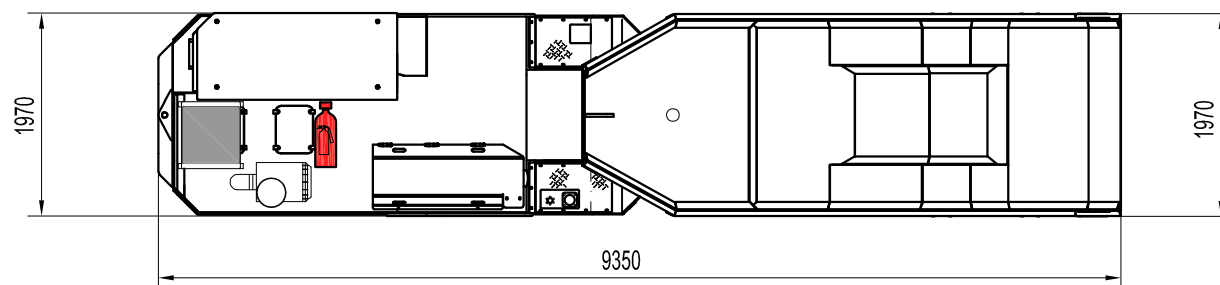
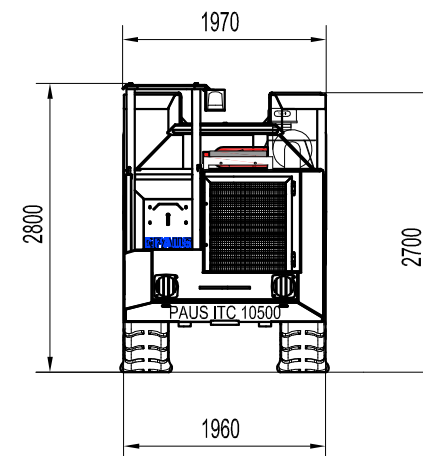
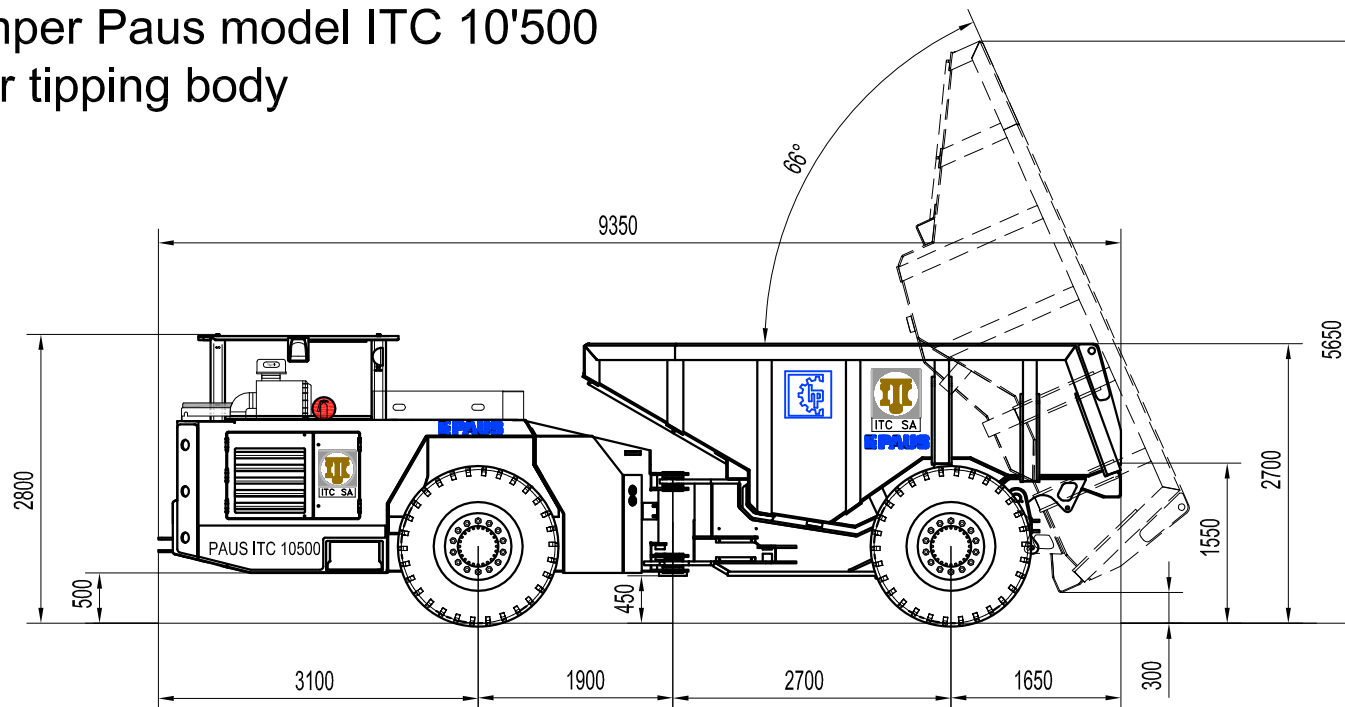
- Tunnel articulated Dump Truck PAUS  
model ITC 10500 with all wheel drive and  
reverse seat
- Diesel drive 240 kW
- Pay load 22 t
- Operating weight 43 t

**EPAUS**  
...the people who care

# Dumper Paus model ITC 10'500

## Rear tipping body

Body volume: ~11 m<sup>3</sup>  
 SAE heaped: ~13 m<sup>3</sup>  
 Payload: 22 t



made by  
**PAUS**

# P260

02.07.2010 PB  
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 Rev.N°: 5 Date: 07.08.14 PB

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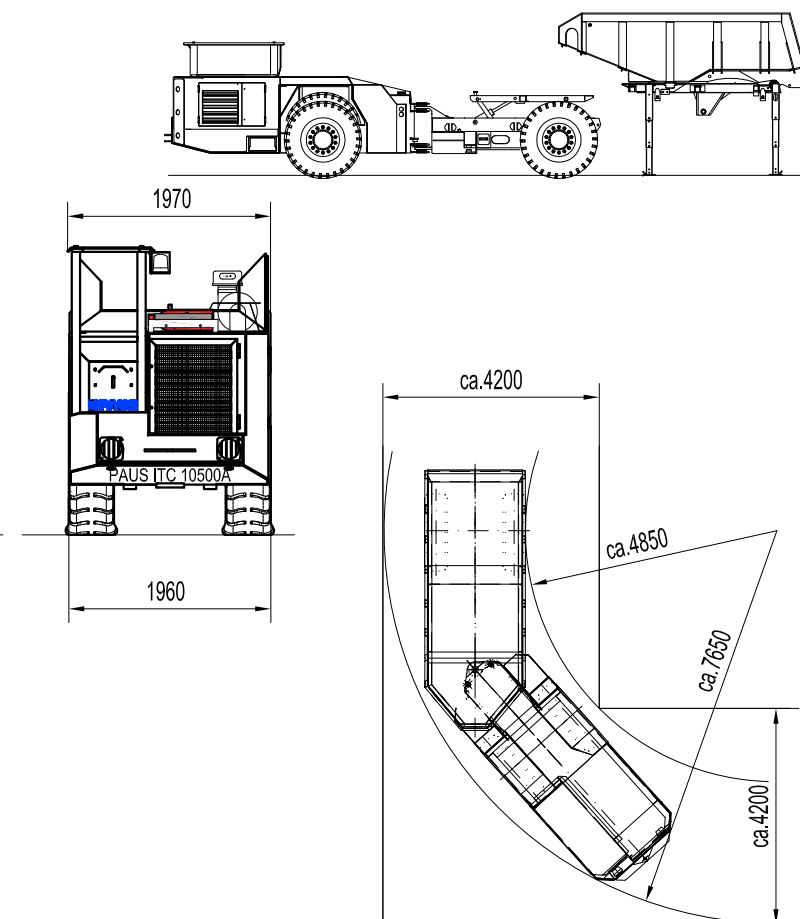
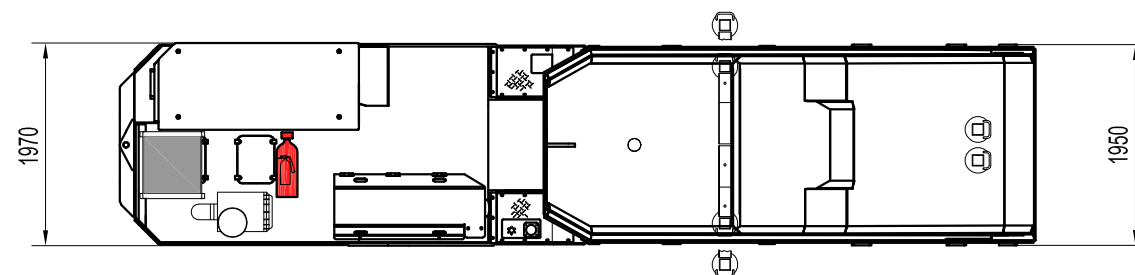
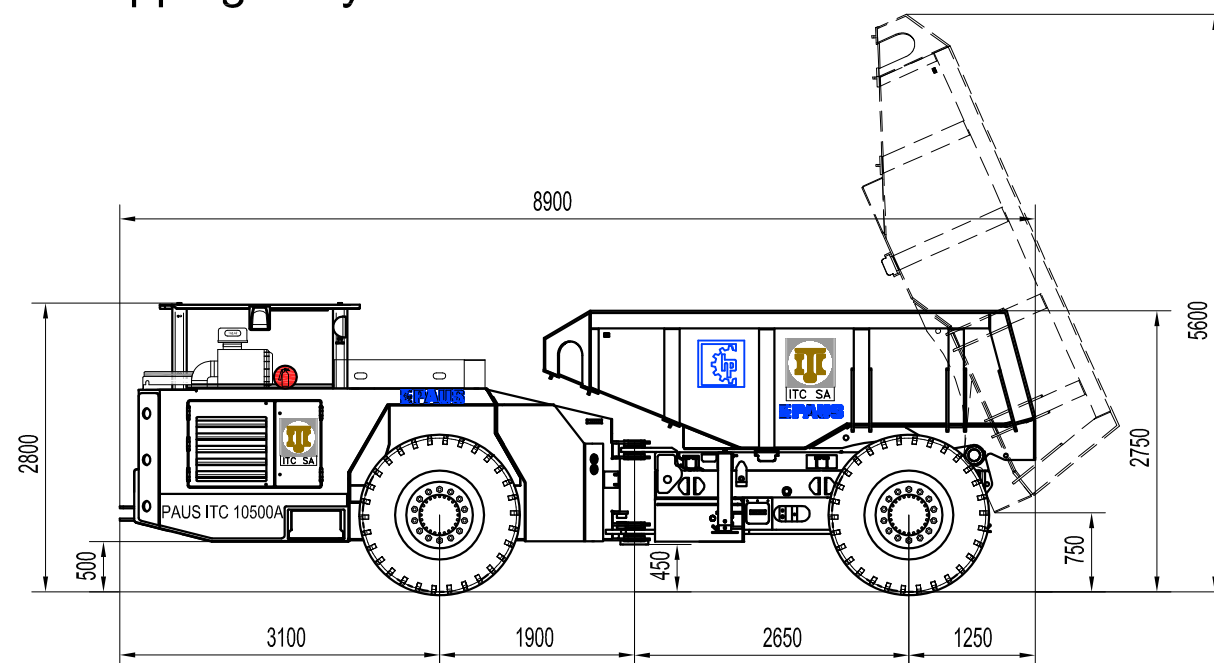


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# Dumper Paus model ITC 10'500A

## Rear tipping body

Body volume: ~10,5 m<sup>3</sup>  
 SAE heaped: ~12 m<sup>3</sup>  
 Payload: 20 t



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**PAUS**

# P264

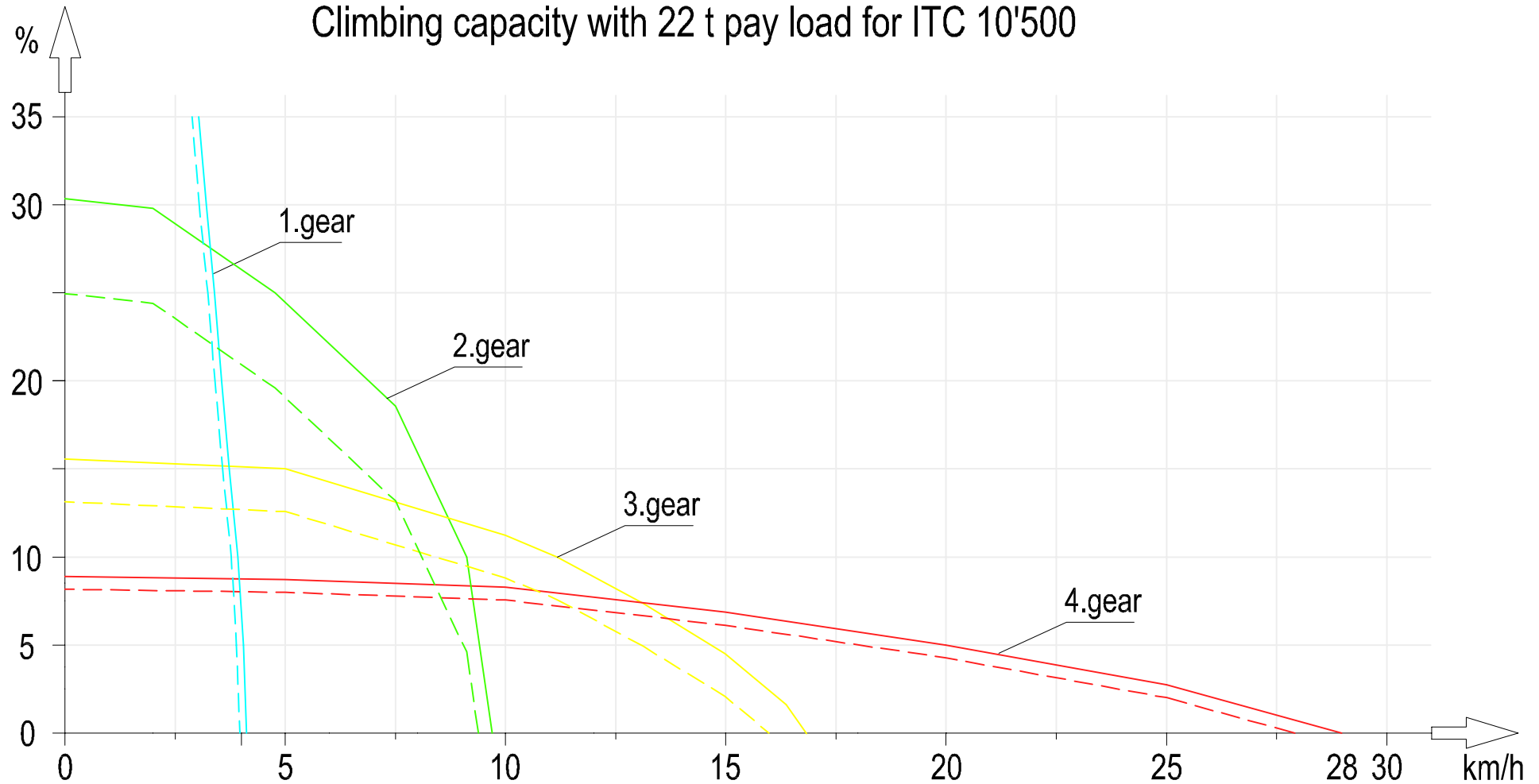
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# Climbing capacity with 22 t pay load for ITC 10'500



TCD7.8 L06-2V - 360802

- 0 m, a.s.l (240 kW)
- - 2500 m, a.s.l (192 kW)

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**EP PAUS**

**P263**

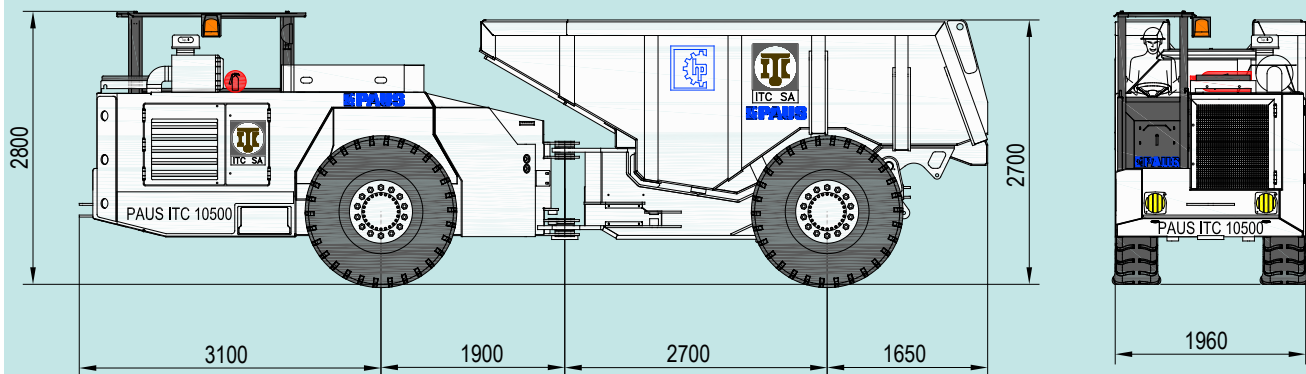
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# ITC 10500



## 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: 43,0 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 m<sup>3</sup>
- Body Volume stroked 10,5 m<sup>3</sup>
- 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.

### Lighting

- 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



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