

ITC INTERTECHNO TUNNELLING-EQUIPMENT COMMERCIAL SA

TUNNEL DUMP TRUCK

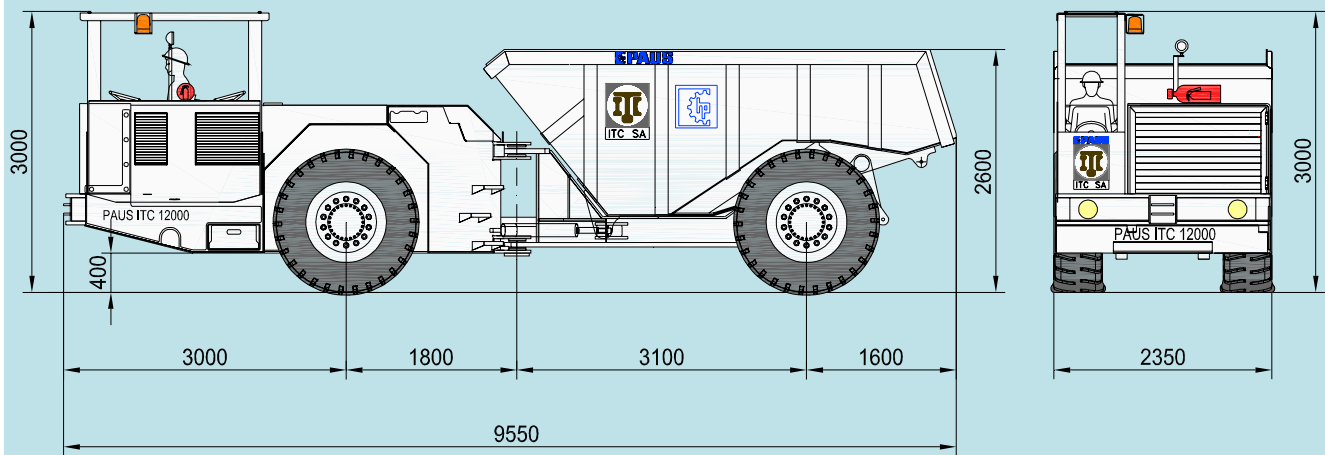
ITC 12000



- Tunnel articulated Dump Truck PAUS
model ITC 12000 with all wheel drive and
reverse seat
- Diesel drive 330 kW
- Pay load 25 t
- Operating weight 51 t



ITC 12000



Technical data ITC 12000

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 TCD2015 V06, Dry filter with preliminary filter.
- Rated power : 330 kW at 2100 RPM
- Option:
 - Soot filter, Catconverter, water scrubber,...

Electric system

- Electric system 24 V. Generator 28V, 80 A, battery 2 x 180 Ah, two headlights each front and rear, one working headlight

Axles

- Kessler planetary rigid axles with enclosed multiple-disc brakes. Rear axle fixed, front axle swingingly mounted to the vehicle frame, model D91.

Drive line

- Industrial full powershift single stage torque converter
- 4-speed-change-on-the-move gear box, shiftable under load, with mechanic gearshift, all-wheel drive.
- front + rear single tired 18.00 R 25 E4-40PR.

Travel speed

	forwards	backwards
1. Speed	4 km/h	4 km/h
2. Speed	9 km/h	9 km/h
3. Speed	17 km/h	17 km/h
4. Speed	25 km/h	25 km/h
climbing ability	30 %	30 %

Brakes installation

- Hydraulic two-circuit pump storage brake system, with oil-immersed multiple-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 +/- 40°, Two double-effective steering cylinders
 - Hydraulic caster-wheel steering, steering pump, steering orbital
 - emergency-steering features
- Inside turn radius 5330 mm
Outside turn radius 8650 mm

Body Volume

- Rear-tipping skip,
- skip volume 12 m³ struck, 14 m³ heaped,
- two double-effective tipping cylinders

Driver Stand

- Driver's stand with driver's shelter and roll-over bracket, the entry is secured by a chain, rear-view mirror
- Comfortable driver's seat with safety belt, hydraulically damped, adjustable, rotary driver's seat can be swiveled for 180° for two drivings
- Standard instruments, ammeter, automatic engine control for two driving directions easily accessible operating devices,
- The instruments and supervisory devices are installed in switch boxes
- signal in case of reverse movement
- two fire extinguishers

Weight

empty weight:	26,0 to
perm. total weight:	51,0 to
payload:	25,0 to
axle load front:	20,5 to
axle load rear:	30,5 to

Further details of attachments and accessories available upon request.
Subject to modification without prior notice.



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