



ITC INTERTECHNO TUNNELLING-EQUIPMENT COMMERCIAL SA

TUNNEL DUMP TRUCK

ITC 8000



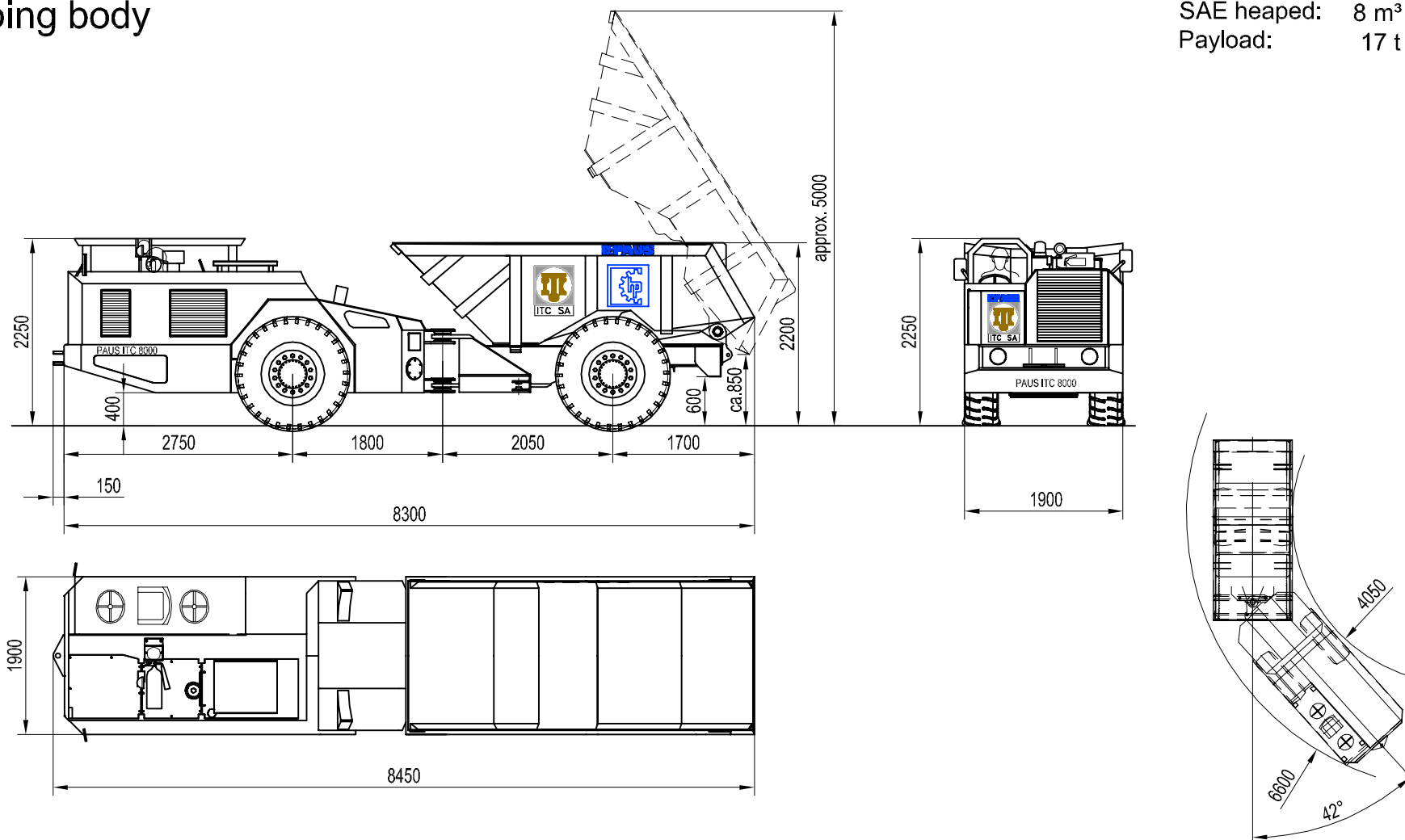
- Tunnel articulated Dump Truck PAUS model ITC 8000 with all wheel drive and reverse seat
- Diesel drive 165 kW
- Pay load 17.0 t
- Operating weight 31.0 t

PAUS
...the people who care

Dumper Paus model ITC 8'000

Rear tipping body

Body volume: 6,5 m³
 SAE heaped: 8 m³
 Payload: 17 t



made by


P190

17.09.2007 PB
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 Dessin non contractuel
 Rev.N°: 4 Date: 12.02.10 PB

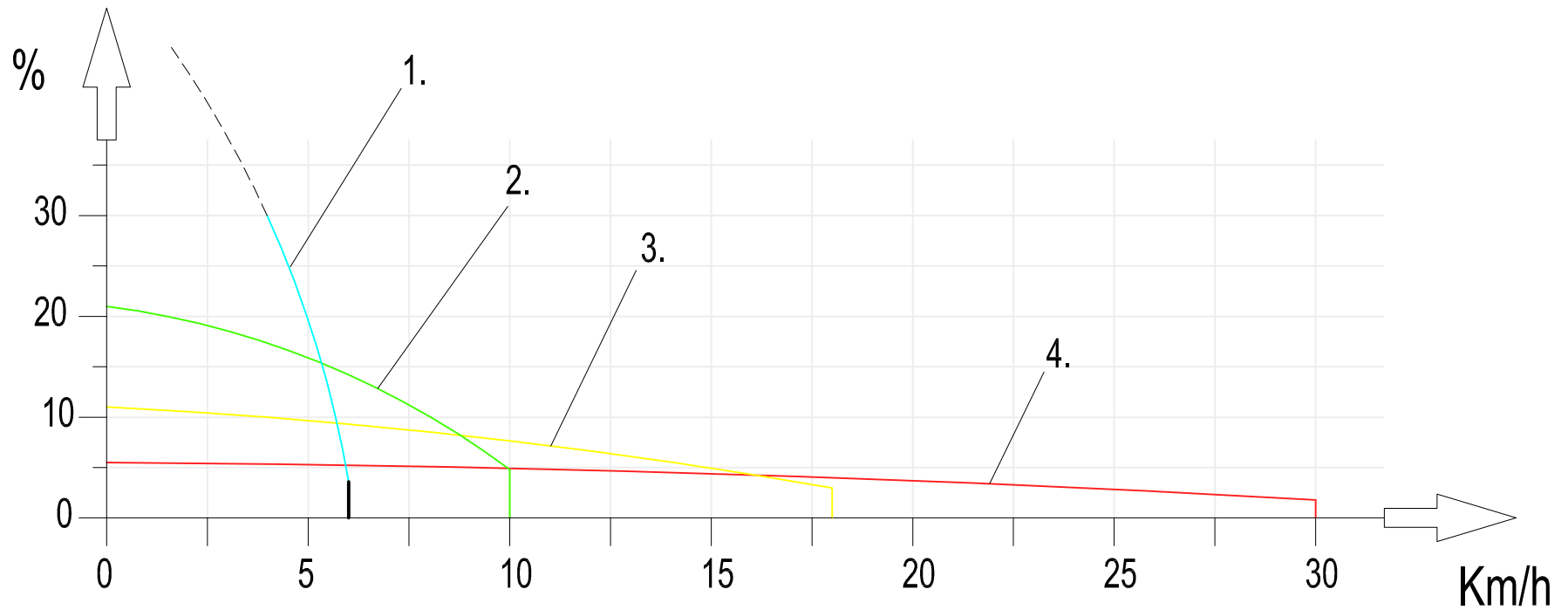
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Climbing capacity with load for ITC 8'000



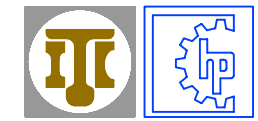
BF6M 2013 165kW - 351136



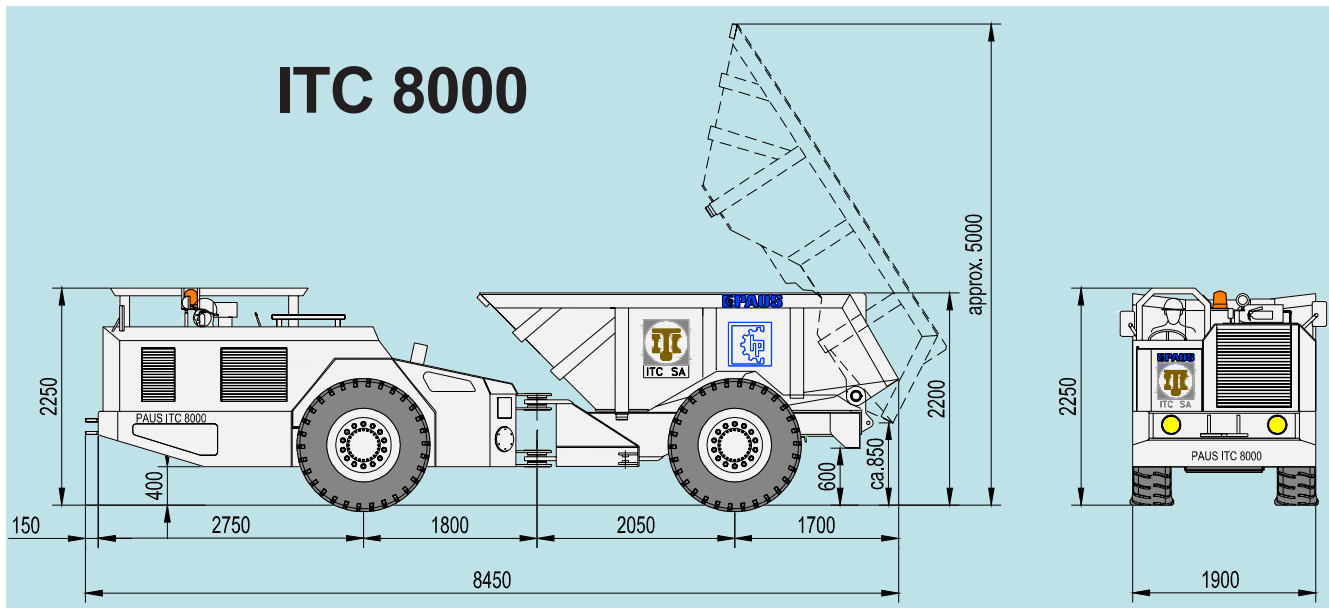
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Technical data ITC 8000

Chassis

- Articulated-steering chassis with central, articulation-joint.
- Rubber-tired vehicle with firmly mounted rear axle and swinging front axle, metric bolts.
- Articulated-joint lock, towing eyelets in front and rear.

Engine

- DEUTZ-engine, type BF6M 1013 C, turbo-charged with intercooler.
- Water-cooled in-line 6-cylinder engine.
- Automatic engine cut off in case of too low motor oil pressure and/or high engine temperature.
- Performance 165 kW at 2.300 rpm

Option:

- Soot-particle filter, system Engelhard DPX, selfregenerating catalytic soot filter.

Electric system

- Electric system 24 V. Generator 28V, 55 A, battery 2 x 12V 110 Ah
- Two headlights each front and rear, one working headlight

Axles

- Planetary rigid axles with enclosed, oil-immersed multiple-disc brakes, type Kessler, max. dynamic axles load 20 tons for mining utility.

Drive line

- Clark hydrodynamic transmission, full power shift, Type 32400
- 4 speed forward / 4 speeds reverse, electric gear lever, all-wheel drive.
- front + rear single tired 14.00 R 24, mine type.

Travel speed

	forwards	backwards
1. Speed	4 km/h	4 km/h
2. Speed	9 km/h	9 km/h
3. Speed	15 km/h	15 km/h
4. Speed	23 km/h	23 km/h
climbing ability	25 %	25 %

Brakes installation

- Service brake as hydraulic pump-storage brake system with oil-immersed multiple-disc brakes in the axle housing, dosed operation via spring-loaded devices by means of the brake pedal, Posi stop type, SAHR.
- Brake-pressure control by brake-circuit pressure gauge in driver's stand

Steering

- Central articulated orbitrol steering, steering angle $\pm 42^\circ$ pendulum angle $\pm 10^\circ$
- Hydraulic caster-wheel steering, steering pump, steering orbitrol two double-effective steering cylinders, emergency-steering features.

Inside turn radius	4300 mm
Outside turn radius	6900 mm

Body Volume

- Rear-tipping skip, side walls and skip bottom reinforced by stakes skip bottom out of wear-resistant material.
- skip volume 6.5 m³ waterlevel, 8 m³ heaped
- two double-effective tipping cylinders

Driver Stand

- Driver's stand with shelter and roll-over bracket, Canopy acc. to ROPS/FOPS.
- 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:	14,0 to
perm. total weight:	31,0 to
payload:	17,0 to
axle load front:	13,0 to
axle load rear:	17,0 to

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



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