

Tunnel heading and Loading Machine

Model ITC312 #0268



Informations

- **Construction year** 1997
- **Electric drive** 2117 h
- **Diesel drive** 1390 h

Technical data ITC 312

Drive units

Electro-hydraulic and Diesel hydraulic power packs each with a separate pump unit with variable flow rate
Electric drive for emission-free work at the face
Air-cooled electric motor, power at 400 Volt , 50 Hz 90 kW
Diesel drive for travelling and operation without electric supply.
Water-cooled diesel engine. Deutz F6L912 W
Power rating at 2'300 r.p.m 63 kW
Diesel engine complies with emission standard EEC Euro St. 2

Electrical system

Total installed power 95 kW
Voltage (standard) 400 V - 50 Hz AC
Control voltage 230 V - 24 V DC
Electrical system acc. to EN 60529 (IP54)
Cable reel hydraulically driven for 95 m cable 3x95+3x16 mm²

Operator's cab

Operator's cab gives all-round visibility, demontable for transport.

Hydraulic system

Load Sense hydraulic system with combination axial piston pump and gear pump
Hydr. pilot control for travelling and main working functions
Boom control with 2 joysticks in Euro standards
Thermostatic controlled hydr. driven oil/air cooler
Max. hydraulic operating pressure 250-350 bar
Hydraulic oil capacity (incl. tank) 340 l
Hydraulic oil tank 270 l

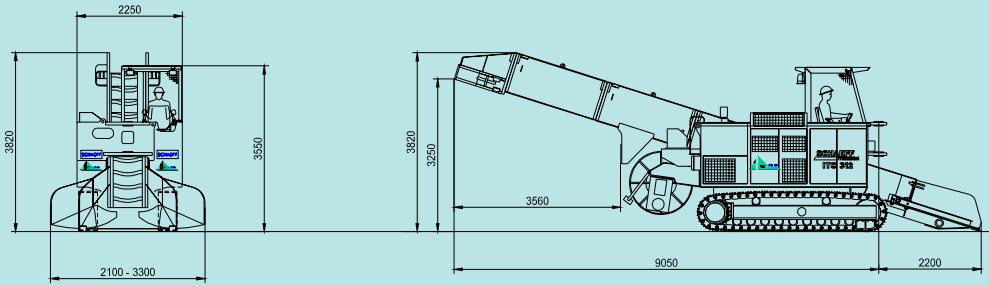
Operating data

Minimal cross section approx. 20 m²
Machine width 2'300 mm
Maximal height 3'850 mm
Transport height 2'700 mm
Length (dep. on conveyor) 11'200 mm
Width of loading apron (adjust.) 2'100-3'300 mm
Width of conveyor (internal) 770 mm
Height of conveyor (internal) 800 mm
Conveyor capacity approx. 250 m³/h
Conveyor discharge height 3'250 mm
Operating weight (without boom) approx. 23 t

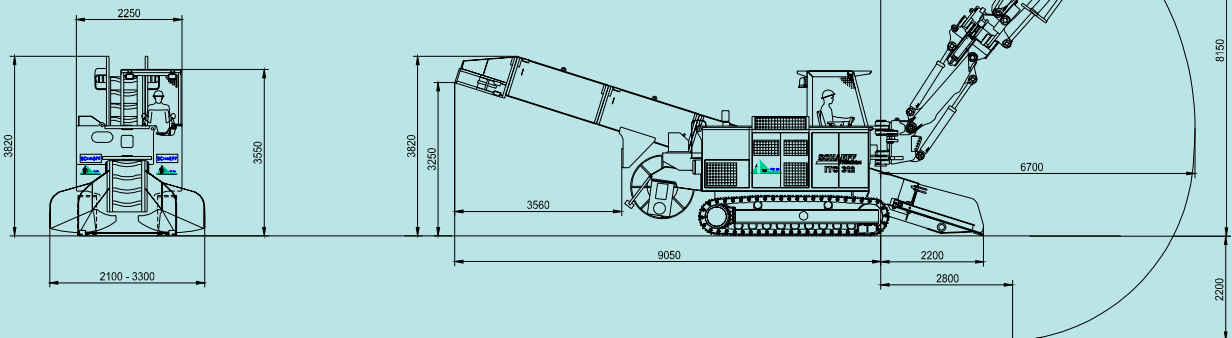
Other Equipment

FOPS protection cab with fornt guard.

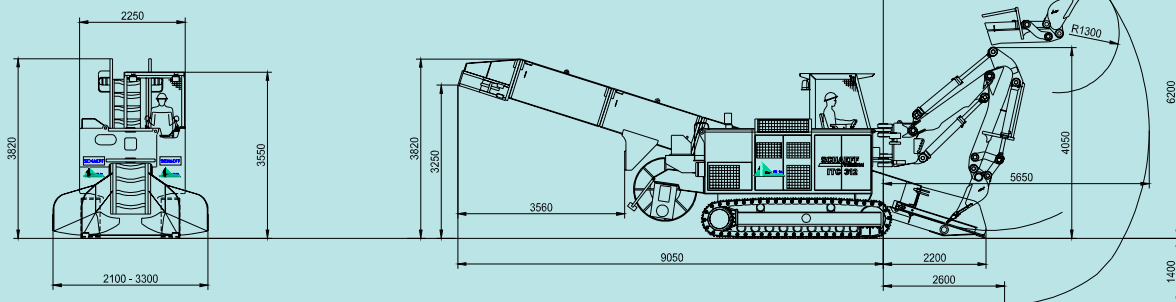
Actual configuration ITC 312



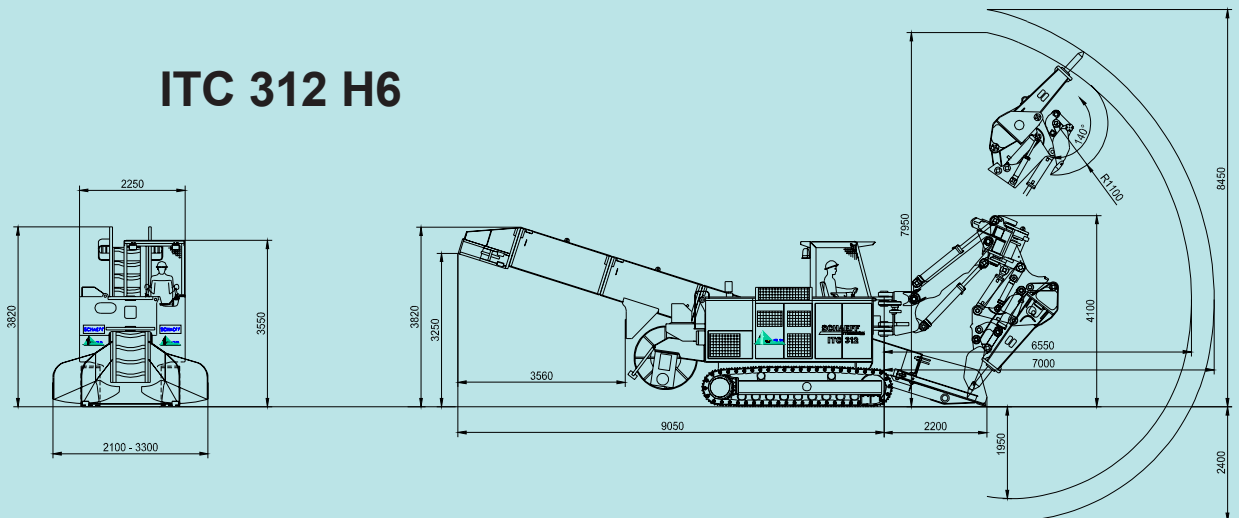
Possible variantes ITC 312 H1



ITC 312 H3



ITC 312 H6



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