

RAPID BALLAST LOADING MACHINE

ITC BL3

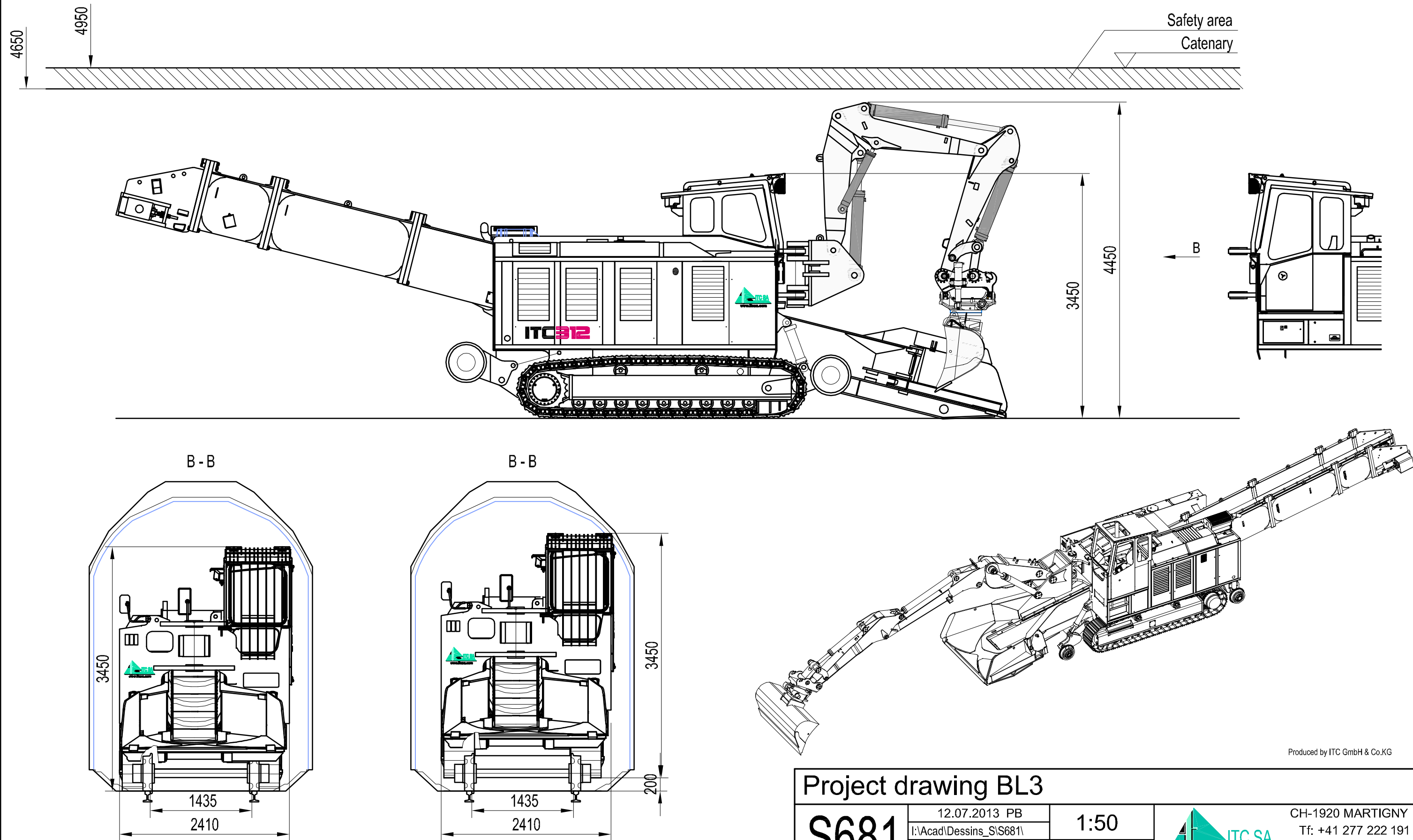


Non contractual picture

- For excavation and loading ballast without interfering with the profile
- Loading boom with long reach
- Flexible mounting for a wide range of attachments
- ROad rail axle for 1435 mm rail gauge
- High loading capacity, up to 300 m³/h
- Diesel drive, up to 240 kW
- Operating weight approx. 34 t



Rapid Ballast Loading Machine
Model ITC BL3
Front and side views



Produced by ITC GmbH & Co.KG

Project drawing BL3

S681

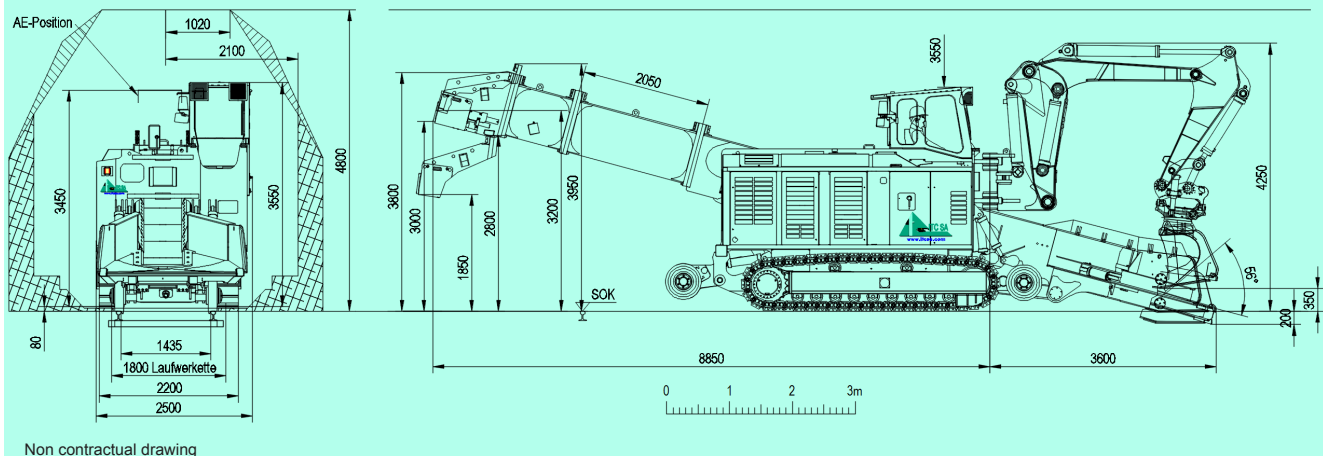
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ITC BL3



Technical data ITC BL3

Operating data

Machine width (Transport)	2'500 mm
Maximal height (over cab)	3'550 mm
Transport height	3'200 mm
Length	~13 - 14'000 mm
Operating weight	approx. 34 t

Drive units

- 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 4, Tier 4f
- Self-regenerating soot filter
- Fuel tank 600 l
- Electrical system 24 Volt

Operator's cab

Noise insulated steel cab with allround visibility. Safety windows with roof window, cab heating through hot water heat exchanger.

Hydraulic system

Load Sense hydraulic system with triple axial piston 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	230-330 bar
Hydraulic oil capacity (incl. tank)	600 l
Hydraulic oil tank	500 l

Conveyor system

Width of loading apron (adjust.)	2'350 - 3'670 mm
Width of conveyor (internal)	800 mm
Height of conveyor (internal)	800 mm
Conveyor capacity	approx. 300 m³/h
Chain speed speed level	0 - 1 m/s
Conveyor discharge height	3'000 - 3'200 mm

Boom Equipment

Boom equipment for loading the ballast, includes:

- King post with jib, intermediate jib and dipper stick
- Rototilt, to rotate and swing the bucket
- Mechanical quick hitch (Option)
- Loading and levelling bucket, width 1600 mm
- Hydraulic circuit for a hydraulic rock breaker and cutting unit
- Loading capacity of loose ballast approx. 3-5 m³/min depending on material and excavation depth

Included Equipment

The following equipment is included:

- Crawler chain with vulcanised rubber pad to protect the rail
- Central lubrication system for the entire machine
- Rail road axles for rail haulage in front and back, hydraulic operation, rail gauge 1435 mm rear swivel axle with hydraulic locking device
- Camera system for monitoring the area at the rear

Other Equipment

It is possible to attach of a range of ancillary equipment such as transverse cutting unit, height and side limiters for the boom equipment, emergency operation of work hydraulics, rock breakers, rubber plated conveyor, other boom equipment, air conditioning, etc.

Further details of attachments and accessories available upon request.

Subject to modification without prior notice.



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