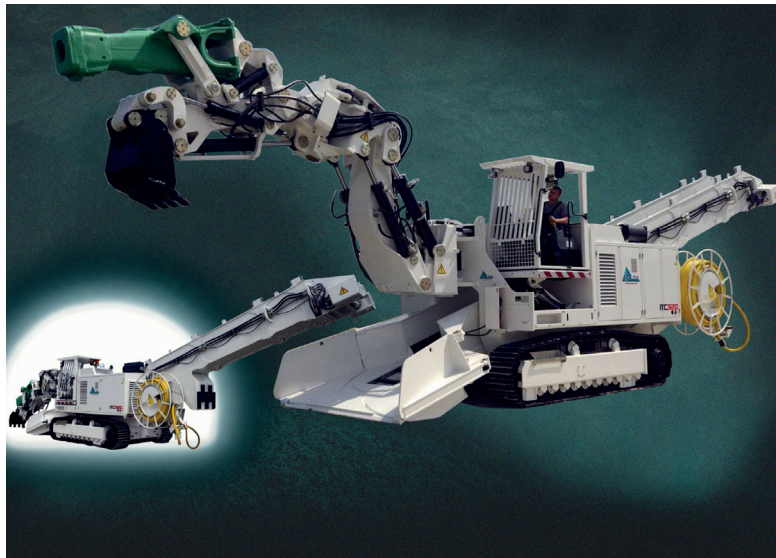


New Tunnel Heading Machine available.

Model ITC 320 V45 #0460



Informations

- Excavation boom equipment with rock breaker / bucket combination for tunnelling in soft and medium hard ground conditions by using bucket and hydr. hammer
- Construction year 2016
- Electric drive 0 h
- Diesel drive 0 h
- Hammer 0 h

Technical data ITC 320 V45

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 110 kW
Diesel drive for travelling and operation without electric supply.
Water-cooled diesel engine. Deutz TCD2013 L06 2V
Power rating 165 kW
Diesel engine complies with emission standard Euro St. 3a

Electrical system

Total installed electric power approx. 140 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 with 75 m cable 3x150+3x35 mm²

Operator's cab

The operator stand with hydraulic vertical adjustment (500 mm) permit optimal all-round visibility. Alternatively open FOPS canopy with frontguard or optionally closed cab.
CE conformity incl. video monitoring system for the right and rear side with colour LCD in the cab.

Hydraulic system

Load Sense hydraulic system with twin axial piston pumps.
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
Pump oil flow 540 l/min
Hydraulic oil capacity (incl. tank) 600 l
Hydraulic oil tank 450 l

Operating data

Minimal cross section approx. 18 m²
Minimal operation height 4'800 mm
Machine width 2'700 mm
Maximal height over raised cab 3'650 mm
Transport height 3'150 mm
Transport length approx. 16'000 mm
Width of loading apron (adjust.) 2'500-4'000 mm
Width of conveyor (internal) 785 mm
Height of conveyor (internal) 875 mm
Conveyor capacity approx. 250 m³/h
Conveyor discharge height 2'500-3'500 mm
Operating weight approx. 45 t

Boom Equipment V45

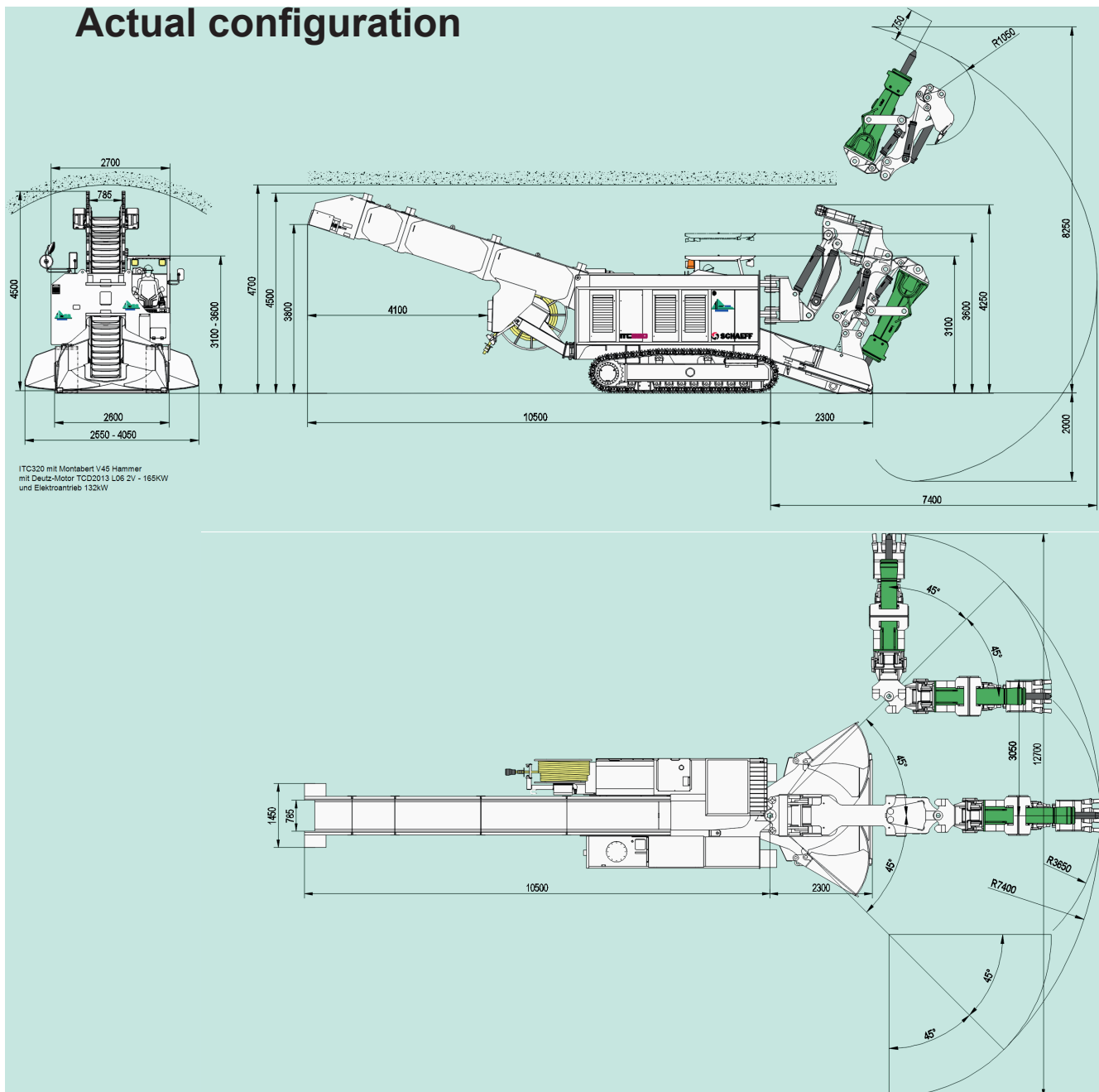
Excavation boom equipment with rock breaker / bucket combination for tunnelling in soft and medium hard ground conditions by using bucket and hydr. hammer, composed of:

- King post with jib and tilt-swivel console
- Tool holder with a combination of hydraulic hammer and excavation / loading bucket
- Automatic lubrication system and flushing device for the hammer
- Water spraying device

Other Equipment

It is possible to attach a range of ancillary equipment, such as rubber plated conveyor, transverse cutting unit, soot particle filter, central greasing device, etc.

Actual configuration



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