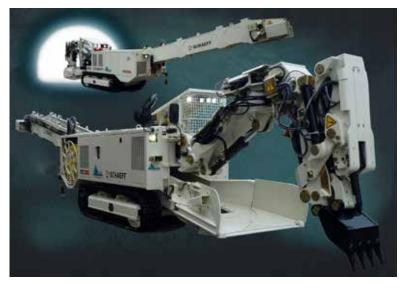
# Tunnel Heading and Loading Machine available.

# Model ITC125 F2 #0608





## **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	2020
•	Electric drive	3'467 h
•	Diesel drive	1'133 h
•	Hammer EHB13	1'482 h

# Technical data ITC 125 F2

#### Drive units

Electro-hydraulic and Diesel-hydraulic power packs each with a separate pump units

Electric drive for emission-free work at the face

Air-cooled electric motor, Power at 400 Volt , 50 Hz 75 kW

Diesel drive for travelling and operation without electrical supply

Water-cooled diesel engine, Deutz TCD3.6 L04

Power rating at 2,300 r.p.m 80 kW

Diesel engine complies with emission standard EU V, US T4f, EU IV

#### Electrical system

Total installed power 60 kW Voltage (standard) 400 V - 50 Hz AC Control voltage 24 V DC Electrical system acc. to EN 60529 (IP54) 3x50+3x10 mm²

### Operator's cab

FOPS-Operator's cab gives all-round visibility, and front protection grill. Roof foldable for transport

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 combination of axial piston gear pump at each drive

Pilot control sysem for all working functions

Main operation by 2 joysticks in Euro standards

Thermostatic controlled hydr. driven oil cooler

Hydraulic pump flow rate 280 l/min

Max. hydraulic operating pressure 280-380 bar

Hydraulic oil capacity (incl. tank) 400 l

Hydraulic oil tank 300 l

#### Operating data

Mininimal cross section approx. 10 m<sup>2</sup> Machine width 1'950 mm Maximal height 2'400-2'750 mm Transport height 2'400 mm Length (dep. on equipment) ~10'000 mm Width of loading apron (adjust.) 1'850-2'950 mm Width of conveyor (internal) 620 mm Height of conveyor (internal) 650 mm Conveyor capacity approx. 150 m<sup>3</sup>/h Conveyor discharge height 1'800-2'850 mm Operating weight approx. 21,6 t

#### Boom Equipment F2

Excavation boom equipment for heading and loading, includes:

- · King post with jib and swivel & tilt console
- Tool holder with a combination of hydraulic hammer and excavation / loading bucket
- · Automatic lubrication system for the hammer
- Water spraying device (optional)
- Breakaway torque
   Tear-out force over dipper stick
   69 kN

# Other Equipment

It is possible to attach a range of ancillary equipment, such as different bucket sizes, ripper tooth, pony truck, rubber plated conveyor, other voltage and frequency, other boom, quick hitch device, transverse cutting unit, soot particle filter, central lubrication device, extinguisher system, etc.



