

**TAKEUCHI**

# TB20e

Battery-powered electric excavator with canopy



## The battery-powered TB20e electric mini excavator is ideal for use in areas with noise and emission restrictions.

In residential areas, in and around schools or hospitals, in environmental zones or on night-time construction sites.

With the TB20e, you can work efficiently, quietly and climate-friendly anywhere.

- » No exhaust emissions - ideal for indoor areas and low emission zones
- » Significantly lower noise levels than combustion engines - ideal outside normal working hours
- » Permanent torque ensures livelier driving and better hydraulic performance
- » Lower maintenance costs due to 1000 h service interval
- » Battery operation without power supply cable. Cable operation also possible, e.g. stationary in demolition
- » Flexible charging options: Lithium-ion battery can be charged at any 230 V or 400 V socket



For three hours, two days or a whole year - if you need it for your construction site, you can **rent and buy** your TB20e from us.

[www.huppenkothen.com](http://www.huppenkothen.com)



# Huppenkothen added-value equipment:

**There is additional equipment that everyone wants.**

You therefore get all as standard from Huppenkothen.

This makes your excavator more effectiv, faster and more comfortable.

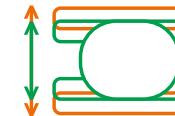
**Put simply - added value.**



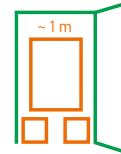
Exclusive  
additional  
equipment



Emission-free



Variable  
track width



Compact

## CANOPY AND COMFORT EQUIPMENT

Canopy (ISO12117-2) / OPG (ISO10262 Level I) / TOPS (ISO12117)

4,3" multifunction color display

Suspended comfort seat, PVC covered

HFM Basic (HUPPIFleetManagement) – telematics system with 4 year term of use, extended for additional charge

ECO mode – to increase economic efficiency

## TECHNICAL AND SAFETY EQUIPMENT

Spring-loaded accumulator on parking brake

Spring-loaded accumulator on slew brake

Pressure accumulator for pressure relief of hydraulic circuits and emergency boom lowering

Acoustic overload warning device (EN474-5)

LED worklights

2 x canopy at front, 1 x canopy at rear, 1 x boom

Storage compartment with on-board toolkit

Dozer blade with extensions – depending on track width

## HYDRAULICS

3 hydraulic auxiliary circuits, 2 of which have proportional control

1<sup>st</sup> hydraulic auxiliary circuit, with proportional control – max. 34 l/min

2<sup>nd</sup> hydraulic auxiliary circuit, with proportional control – max. 11 l/min

3<sup>rd</sup> hydraulic auxiliary circuit, for hydraulic quick change plate HUPPPlate H

Hydraulic track width adjustment – for more stability

Auto-Tank – depressurised return flow for breaker operation

Hydraulic tank ventilation

Pilot-opened load-holding valve on boom and arm cylinder

Optional additional  
equipment and services

## HUPPTronic

Digital assistance for excavator operators – economical, comfortable and intuitive to use.

## HUPPIWarranty

Extended premium warranty package with all-round protection.

## HUPPIFleetManagement

An eye on every machine at all times with fleet management. First 4 years included in purchase price.



MAIN DIMENSIONS	
Service weight*(kg)	2.025
Total width(mm)	985 / 1.300**
Overall height(mm)	2.280
Transport length - dozer blade at the rear (mm)	4.050
Digging depth(mm)	2.390
Reach(mm)	4.090
Arm length(mm)	1.130
Tail swing radius (mm)	1.075
Tracks	Rubber
Track width (mm)	230
Ground contact(mm)	1.155
Ground pressure (kg/cm <sup>2</sup> )	0,33
Ground clearance (mm)	205
Dozer blade dimensions (mm)	980(1.300**)x310

\* Machine weight + HUPPTilt + HUPPPlate + medium size bucket + half a tank of diesel

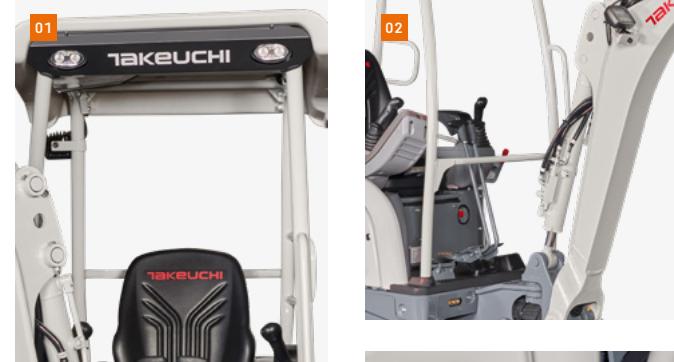
\*\* max. track width

Electric motor	Main motor	Auxiliary motor
Rated power (kW)	12,6	4,5
Nominal voltage (V)	73	73
Nominal current (A)	184	70
Maximum speed (rpm)	3.900	2.880
Max. Torque (Nm)	54	15
Environmental pollution	emission-free	

WORK PERFORMANCE	
Travel speed (km/h)	2,1(1 <sup>st</sup> gear) / 4,0(2 <sup>nd</sup> gear)
Slew speed (rpm)	7,6
Gradeability (degrees/%)	15 / 27
Boom swing angle l/r (°)	78 / 49
Digging force bucket (kN)	13,7
Digging force arm (kN)	8,1
Digging force boom (kN)	7,4

HYDRAULIC SYSTEM	
Hydraulic pumps	2 x gear pump
Pump pressure (bar)	206 x 196
Flow rate (l/min)	50,7 x 10
Hydraulic tank (l)	14,1 (tank) / 24 (total)
Slew motor type	Axial piston motor, rigid
Travel motor type	Axial piston motor, variable

AUXILIARY CONTROL CIRCUITS		
1 <sup>st</sup> control circuit hydraulic breaker (l / min)	34	
2 <sup>nd</sup> control circuit Powertilt / grab (l / min)	11	





## Huppenkothen – your construction site, your partner, your success!

If you're looking to buy or rent a construction machine, if quality is important to you and you have no time to lose, then you've come to the right place with Huppenkothen. We provide all you need for your construction site. If you have any questions:

**We are always available.**

**42**

Locations

**410**

Employees

**4.500+**

Machines

**100 %**

Service

### AUSTRIA (AT)

/  
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The complete  
Huppenkothen  
product range

