



**TAKEUCHI**

# TB235-2

Mini excavator with cabin

The Takeuchi **TB235-2** is a versatile, well-balanced machine with exceptional excavating performance. The mini excavator comes with 4 hydraulic circuits that offer many possible applications without loss of performance. Its spacious operator cabin offers lots of comfort.



- » 1<sup>st</sup> hydraulic circuit, with proportional control with 60 l/min
- » 4 hydraulic circuits, 3 of which have proportional control; adjustable flow rates
- » 6 LED worklights for optimum illumination of working area
- » Available in 3 versions: with canopy or with comfort cabin with or without air conditioning



For three hours, two days or a whole year - if you need it for your construction site, you can **buy and rent** your TB235-2 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



Powerful



Spacious and  
comfortable  
operator cabin



Adjustable  
flow rates

## CAB WITH COMFORT EQUIPMENT

Comfort cabin ROPS(ISO12117-2) / OPG (ISO10262 Level I) / TOPS (ISO12117)

5,7" multifunction colour display

Heating and radio

Rear window heating with wiper

Air conditioning with 4 outlet nozzles (optional)

Mechanically cushioned comfort seat - with headrest

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

ECO mode - to increase economic efficiency

Automatic idle speed control - optimised fuel consumption

Sun shield

Optional additional  
equipment and services

## **HUPPLub**

Huppenkothen central lubrication  
system to ensure everything runs  
even more smoothly.

## **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.

## HYDRAULICS

4 hydraulic auxiliary circuits, 3 of which have proportional control

Flow rates adjustable on the display

1<sup>st</sup> circuit: 3 memories, 2<sup>nd</sup>/4<sup>th</sup> circuit: 1 memory

1<sup>st</sup> hydraulic auxiliary circuit, with proportional control - max. 60 l/min

2<sup>nd</sup> hydraulic auxiliary circuit, with proportional control - max. 22 l/min

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

4<sup>th</sup> hydraulic auxiliary circuit, with proportional control - max. 22 l/min

Detent Mode - breaker line continuous operation

Hydraulic tank ventilation

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

End position damping at boom and swing cylinder

## TECHNICAL AND SAFETY EQUIPMENT

Double air filter - additional protection for the engine

Spring-loaded accumulator on parking brake

Spring-loaded accumulator on slew brake

Electric refuelling pump

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

Storage compartment with on-board toolkit

Acoustic overload warning device (EN474-5)

LED worklights

2 x cab at front, 2 x cab at rear, 1 x engine hood at front, 1 x boom

Socket on cab roof for rotary beacon



## MAIN DIMENSIONS

|   |             |
|---|-------------|
| Service weight*(kg)                             | 3.640       |
| Total width (mm)                                | 1.580       |
| Overall height (mm)                             | 2.495       |
| Transport length - dozer blade at the rear (mm) | 5.230       |
| Digging depth (mm)                              | 3.245       |
| Reach (mm)                                      | 5.255       |
| Arm length (mm)                                 | 1.450       |
| Tail swing radius (mm)                          | 1.330       |
| Tracks  | Rubber      |
| Track width (mm)                                | 300         |
| Ground contact (mm)                             | 1.645       |
| Ground pressure (kg/cm <sup>2</sup> )           | 0,31        |
| Ground clearance (mm)                           | 295         |
| Dozer blade dimensions (mm)                     | 1.580 x 395 |

\* Machine weight + PT + quick change plate + medium size bucket + half a tank of diesel

## ENGINE

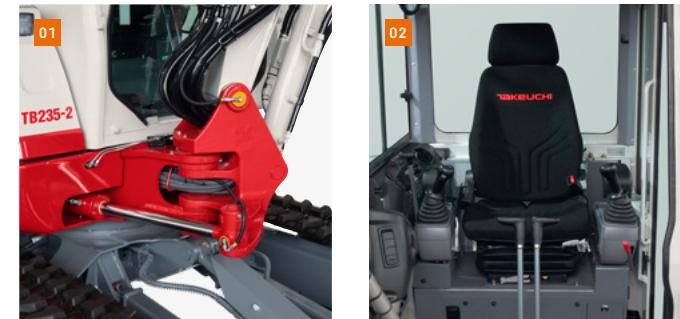
|                                 |  |
|---------------------------------|--|
| Type                            | Yanmar 3TNV88F<br>3-cylinder diesel engine<br>Stage V emission level |
| Rated output ISO14396 (kW)      | 18,2 kW @ 2.400 r.p.m.   |
| Displacement (cm <sup>3</sup> ) | 1.642  |
| Fuel tank (l)                   | 46   |

## WORK PERFORMANCE

|                           |   |
|---------------------------|---|
| Travel speed (km/h)       | 2,8 (1 <sup>st</sup> gear) / 4,2 (2 <sup>nd</sup> gear) |
| Slew speed (rpm)          | 9,3   |
| Gradeability (degrees %)  | 30 / 58   |
| Boom swing angle l/r (°)  | 70 / 55   |
| Digging force bucket (kN) | 27,1  |
| Digging force arm (kN)    | 17,3  |
| Digging force boom (kN)   | 17,1  |

## HYDRAULIC SYSTEM

|                     |  |
|---------------------|--|
| Hydraulic pumps     | 2 x variable axial piston pump + 2 x gear pump |
| Pump pressure (bar) | 245 x 245 x 200 x 34                           |
| Flow rate (l/min)   | 38,9 x 38,9 x 21,6 x 10,8                      |
| Hydraulic tank (l)  | 35 (Tank) / 68 (total)                         |
| Slew motor type     | Axial piston motor, rigid                      |
| Travel motor type   | Axial piston motor, variable                   |



## AUXILIARY CONTROL CIRCUITS

|  |    |
|--|----|
| 1 <sup>st</sup> control circuit<br>hydraulic breaker (l / min)                 | 60 |
| adjustable flow rate   |    |
| 3 memories for the flow rates  |    |
| 2 <sup>nd</sup> /4 <sup>th</sup> control circuit<br>Powertilt / grab (l / min) | 22 |
| adjustable flow rate   |    |
| 1 memory for the flow rate   |    |



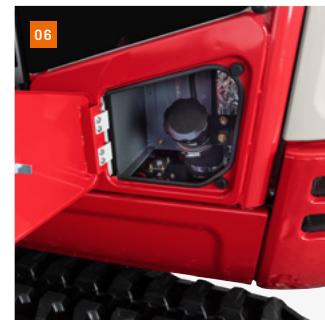
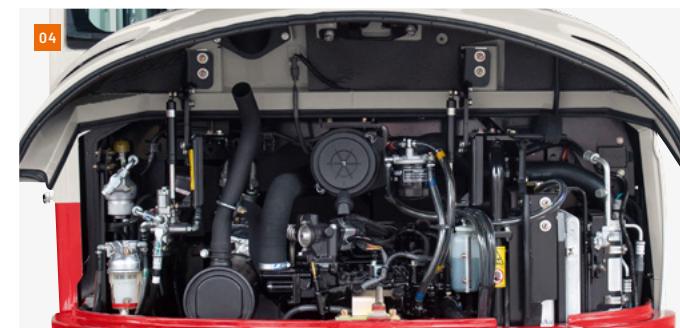
01 Robust boom swing assy with specially protected hose guide and hydraulic boom swing; lifting and swing cylinder with end position damping; illustration with central lubrication system HUPPLub.

02 Sound-damped, low-vibration comfort cab with mechanically cushioned comfort seat with headrest.

03 Optimally arranged controls with large, clear and user-friendly display.

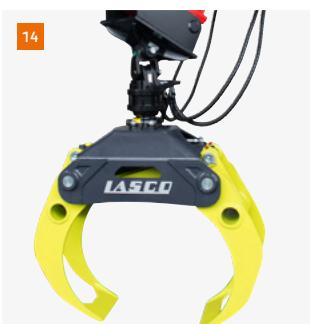
04 Generous maintenance hatches for optimum accessibility 05 to hydraulic and fuel maintenance components, battery and radiator.

06 Lockable refuelling flap



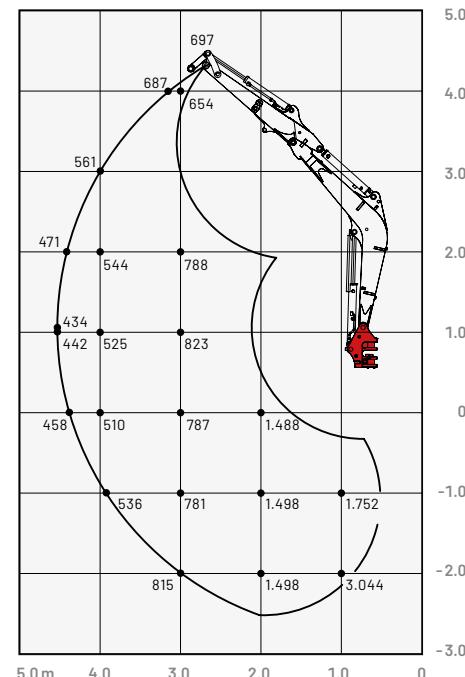


- 07 HUPPTilt tilt device with hydraulic quick change plate HUPPPlate H
- 08 HUPPQuick quick coupling system: Hydraulic connections are connected automatically during the quick coupling process
- 09 Hydraulic breaker HUPPBreak 40
- 10 Universal grabber HUPPGrip 40 with HUPPTilt
- 11 HUPPTilt with HUPPPlate H, digging bucket can be mounted as high bucket
- 12 Earth drill - 4500 MAX
- 13 Add-on compactor - Ammann APA20/30
- 14 Wood grapple - Lasco LA1200HZ



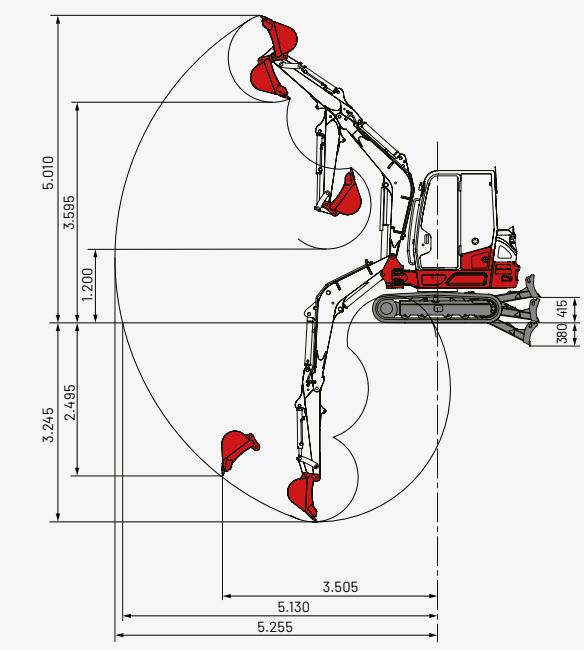
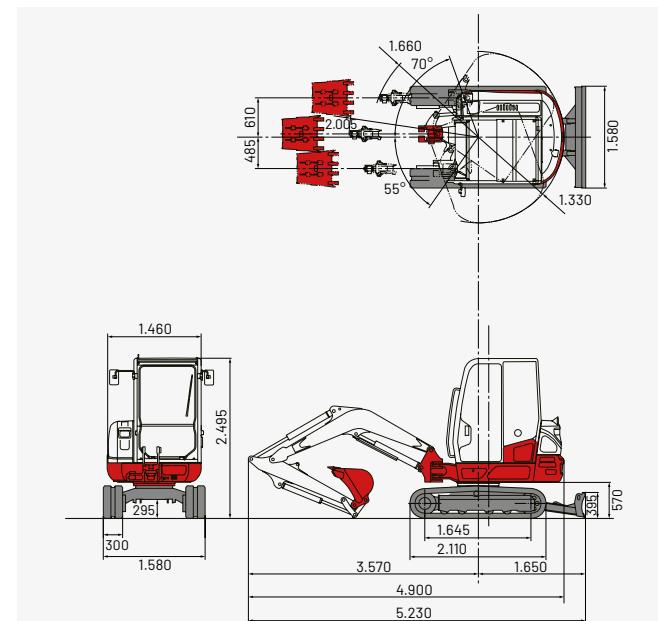
## Lifting load (kg) TB235-2 cabin

### Forward (upper dozer blade)



The loads in the diagram are within 87% of the hydraulic lifting load and within 75% of the tipping load.

## Dimensions (mm) TB235-2 cabin



More accessories at  
[huppenkothen.com/excavator-accessories](http://huppenkothen.com/excavator-accessories)

## 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)

/  
**Huppenkothen GmbH**

Bundesstraße 117 / 6923 Lauterach

T +43 50 663 400

[info@huppenkothen.com](mailto:info@huppenkothen.com)

The complete  
Huppenkothen  
product range

