

**TAKEUCHI**

# **TB370 (V)**

Midi excavator with monoblock or 2-piece-boom



The Takeuchi **TB370 (V)** midi-excavator is the first model of a new generation of machines and scores with many high-tech features and state-of-the-art technology. The TB370 (V) has a completely separate 4<sup>th</sup> control circuit, controlled by new multi-function joysticks. These allow a wide range of configuration options and individual key/rocker assignment.



- » 1<sup>st</sup> hydraulic circuit, with proportional control with 120 l/min High Flow
- » Armrests individually height-adjustable via quick release - for maximum ergonomics
- » Most important machine functions can be operated intuitively via the 8" color touch display and the jog-dial control
- » 8 LED worklights including coming home function for optimum illumination of working area
- » Rear view camera - for more driving comfort and safety
- » Available in 2 versions: TB370 with monobloc boom and TB370 V with 2-pc-boom



For three hours, two days or a whole year - if you need it for your construction site, you can **buy and rent** your TB370 (V) 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 effective, faster and more comfortable.

**Put simply - added value.**

## 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. 120 l/min

**2<sup>nd</sup> hydraulic auxiliary circuit, with proportional control** - max. 46,6 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. 46,6 l/min

**Detent Mode** - breaker line continuous operation

**Auto-Tank** - depressurised return flow for breaker operation

**Automatic pressure relief of control circuits** when quick change plate is actuated

**Power-controlled load-sensing pump** - for more efficiency

**Hydraulic tank ventilation**

**Pilot-opened load-holding valve on boom cylinder and arm cylinder**  
(TB370 V: also 2-piece-boom)

**End position damping at boom, arm and swing cylinder**



Exclusive additional equipment



Powerful



Efficient



Adjustable powerhouse

## CAB WITH COMFORT EQUIPMENT

**Comfort cabin including roof guard ROPS (ISO12117-2) / OPG (ISO10262 Level I)**

**8" multifunction colour touch display**

**Electronically controlled air conditioning** with 4 outlet nozzles

**Bluetooth DAB radio**

**USB charging socket**

**Hands free set**

**Air suspension comfort seat** - with head rest and seat heating

**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 and rain guard**

Acoustic overload warning device (EN474-5)

**Rear view camera** - for more safety

**LED worklights**

2 x cab at front, 2 x cab at rear, 1 x engine hood at front, 1 x boom, 1 x frame left, 1 x frame right

**Socket on cab roof** for rotary beacon

## 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.

## TECHNICAL AND SAFETY EQUIPMENT

**Multifunction joysticks** for separate control of the 4<sup>th</sup> hydraulic auxiliary circuit

**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**

MAIN DIMENSIONS	TB370	TB370 V
Service weight*(kg)	7.050	7.420
Total width(mm)	2.100	2.100
Overall height(mm)	2.540	2.540
Transport length - dozer blade at the rear (mm)	6.380	6.325
Digging depth(mm)	3.885	4.110
Reach(mm)	6.500	6.905
Arm length(mm)	1.700	1.900
Tail swing radius(mm)	1.455	1.480
Tracks	Rubber	Rubber
Track width(mm)	400	400
Ground contact (mm)	2.050	2.050
Ground pressure (kg/cm <sup>2</sup> )	0,377	0,398
Ground clearance (mm)	335	335
Dozer blade dimensions (mm)	2.100 x 430	2.100 x 430

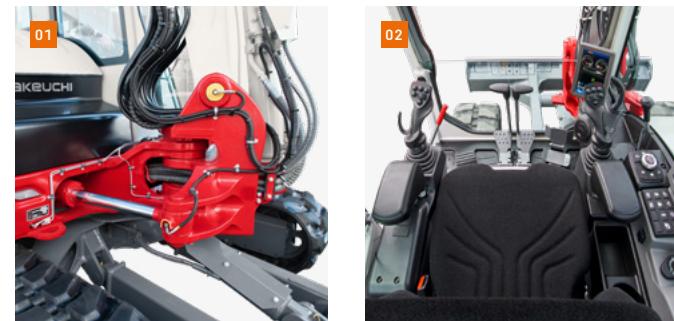
\* Machine weight + PT + quick change plate + medium size bucket + half a tank of diesel

ENGINE	
Type	KUBOTA V2607-CR-TE5B 4-cylinder Commonrail diesel engine, turbocharger, Stage V emission level
Exhaust aftertreatment	DPF and DOC
Rated output ISO14396 (kW)	42,4 kW @ 2.000 r.p.m.
Displacement(cm <sup>3</sup> )	2.615
Fuel tank(l)	110

WORK PERFORMANCE	
Travel speed(km/h)	2,5 (1 <sup>st</sup> gear) / 4,7(2 <sup>nd</sup> gear)
Slew speed(rpm)	8,8
Gradeability (degrees/%)	30 / 58
Boom swing angle l/r (°)	79 / 51
Digging force bucket (kN)	48,4
Digging force arm (kN)	29,4
Digging force boom (kN)	37,8

HYDRAULIC SYSTEM	
Hydraulic pumps	1 x power-regulated load sensing pump + 2 x gear pump
Pump pressure (bar)	245 x 240 x 35
Flow rate (l/min)	160 x 46,6 x 16
Hydraulic tank (l)	65,5 (Tank) / 139 (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) adjustable flow rate 3 memories for the flow rates	120
2 <sup>nd</sup> /4 <sup>th</sup> control circuit Powertilt / grab (l / min) adjustable flow rate 1 memory for the flow rate	46,6



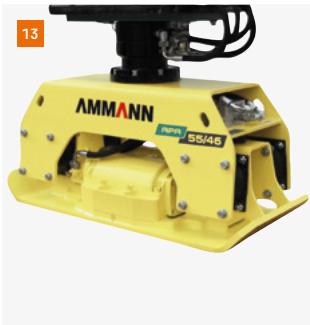
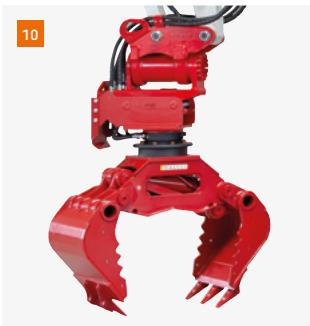
**01** Robust boom swing assy with specially protected hose guide and hydraulic boom swing; lifting, arm and swing cylinder with end position damping.

**02** Sound-damped, low-vibration comfort cab with air suspension comfort seat with seat heating. Optimally arranged controls with large, clear and user-friendly display made of tarnish-resistant laminated glass. The rear view camera is displayed automatically.

**03** Jog Dial for ergonomic and simple menu navigation. Separate control block segment for the 4<sup>th</sup> control circuit. Control by new multifunction joysticks.

**04** The tiltable cabin and generous maintenance hatches  
**05** for optimum accessibility to hydraulic and fuel maintenance components, battery and radiator.

**06** Lockable refuelling flap for optimum access to refuelling pump and tank cap.



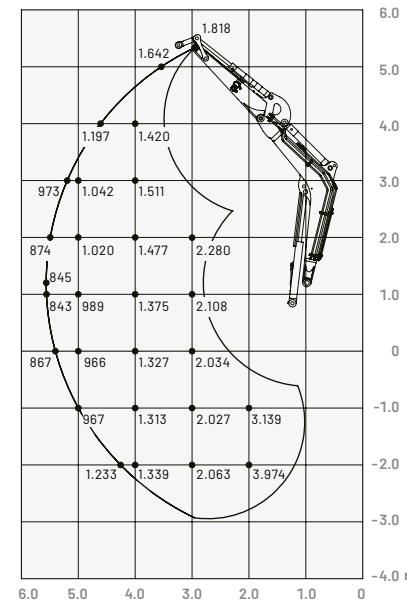
- 07 HUPPTilt tilt device with hydraulico quick change plate HUPPPlate H
- 08 HUPPQuick quick coupling system: Hydraulic connections are connected automatically during the quick coupling process
- 09 HUPPBreak hydraulic breaker 110 with HUPPQuick
- 10 HUPPGrip 70 universal grabber with HUPPTilt and HUPPQuick quick coupling system
- 11 HUPPTilt with HUPPPlate H, digging bucket mounted as high bucket
- 12 Concrete buster - Epiroc CB750
- 13 Add-on compactor - Ammann APA55/46
- 14 Drum Cutter - Epiroc ER250



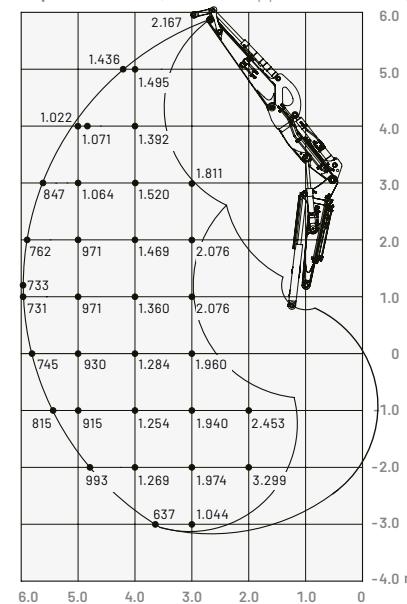
More accessories at  
[huppenkothen.com/excavator-accessories](http://huppenkothen.com/excavator-accessories)

### Lifting load (kg)

Monoblock (forward, upper dozer blade)



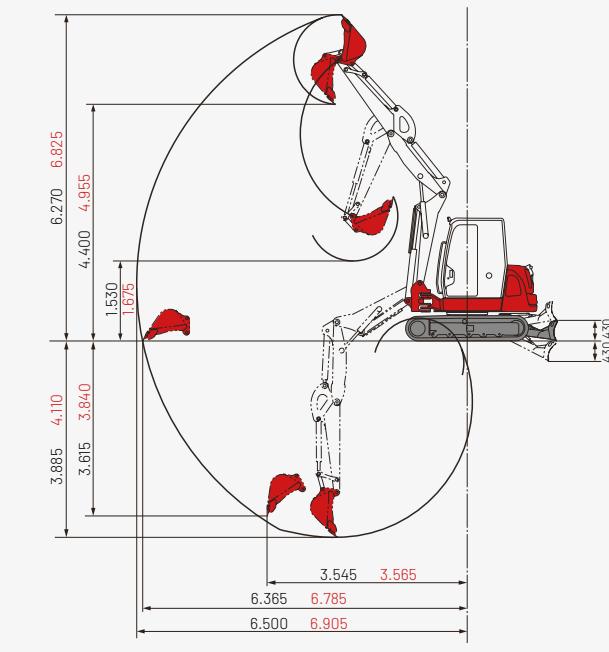
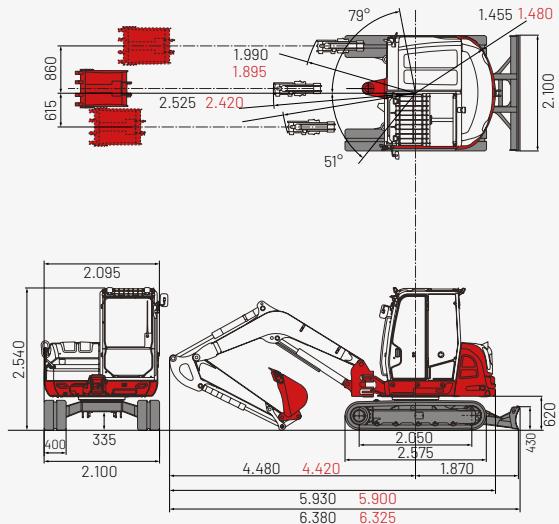
2-piece-boom (forward, upper dozer blade)



The loads in the diagrams (on the left) are within 87% of the hydraulic lifting load and within 75% of the tipping load.

### Dimensions (mm)

Black: monoblock and 2-piece-boom  
Red: alternative dimensions 2-piece-boom



## 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

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**4.500+**

Machines

**100 %**

Service

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The complete  
Huppenkothen  
product range

