



**TAKEUCHI**

# TB257FR

Zero tail mini-excavator

**The Takeuchi mini excavator TB257FR is specifically designed for unrestricted working on very confined construction sites.** The patented side-to-side (STS) offset boom makes this zero tail excavator more compact and the best alternative to a short tail excavator. The upper-structure rotates 360° nearly within the width of the track. With a surrounding diameter of just 2870 mm, the TB257FR is also ideal for working in narrow streets where space is confined.



- » 1st hydraulic circuit, with proportional control with 105 l/min High Flow
- » Air conditioning, heater and Bluetooth radio for optimal driver comfort
- » Tilt-up cab for service-friendly access to engine and hydraulic components
- » 5 LED worklights for optimum illumination of working area



**For three hours, two days or a whole year**

- if you need it for your construction site, you can buy and rent your TB257FR from us.

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



# Huppenkothen added-value equipment

## There is additional equipment that everyone wants.

You therefore get more as standard from Huppenkothen. This makes your excavator more powerful, faster and more comfortable.

**Put simply - added value.**



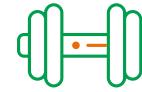
Exclusive  
additional kit



Powerful



Spacious and  
comfortable  
operator cabin



Adjustable  
powerhouse

## CAB WITH COMFORT EQUIPMENT

**Comfort cab** ROPS / FOPS (Level II)

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

**Heating and radio**

**Mechanically cushioned comfort seat with neck support**

**HFM (HUPPIFleetManagement)** - telematics system with

4 year term of use - extended for additional charge

**ECO-mode and high-altitude mode** for increasing efficiency,  
optimal engine control at altitude

**Automatic idle** - r.p.m. deceleration

**Sun shield**

## 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 accumulators for pressure relief** of hydraulic circuits  
and emergency boom lowering

**Storage compartment** with on-board toolkit

**Acoustic overload warning device** (EN474-5)

**LED worklights** 1x arm, 2x on cab at front,  
2x on cab at rear

**Socket on cab roof** for rotary beacon

**USB charging socket**

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.



## SPECIFICATIONS

Engine	KUBOTA V2403-CR-TE5B Commonrail diesel engine, turbo charger, 39.0 kW @ 2,200 rpm (ISO14369) Stage V emission level - with DPF and DOC
Dimensions (mm)	5.395 x 2.000 x 2.575
Digging depth (mm)	3.895
Reach (mm)	6.215
360° swing radius (mm)	1.435

## MAIN DIMENSIONS

Service weight* (kg)	6.160
Total width (mm)	2.000
Overall height (mm)	2.575
Transport length (mm)	5.905
Boom swing angle l / r (°)	30 / 16

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

## CHASSIS

Tracks	rubber, steel
Track width (mm)	400
Ground contact (mm)	1.980
Ground pressure (kg / cm <sup>2</sup> )	0,333
Ground clearance (mm)	300
Dozer blade dimensions (mm)	2.000 x 430

## WORK PERFORMANCE

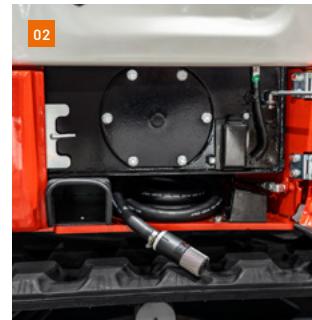
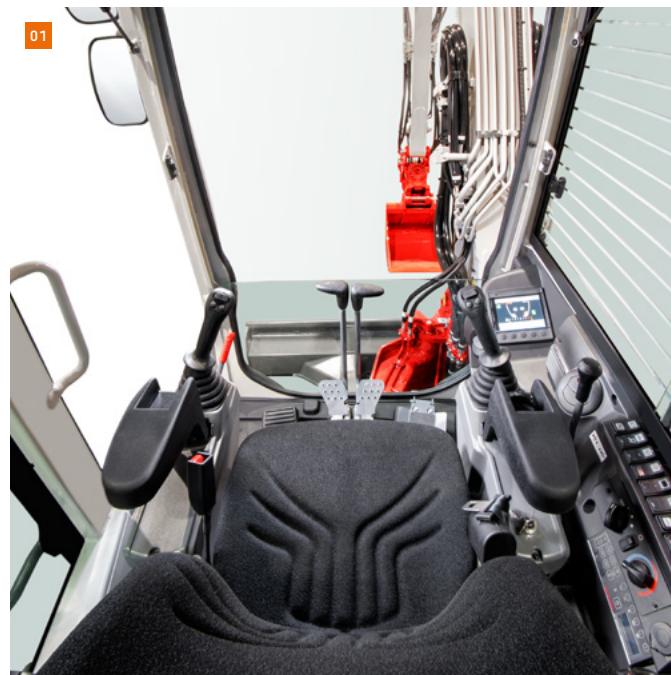
Travel speed (km / h)	4,8
Slew speed (rpm)	9,6
Gradeability (degrees / %)	30 / 58
Digging force bucket (kN)	36,6
Digging force arm (kN)	23,1

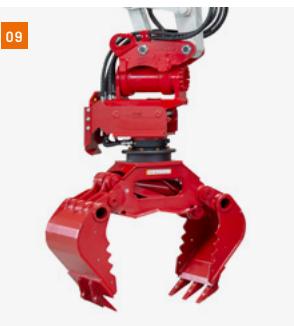
## HYDRAULIC SYSTEM

Hydraulic pumps	Double axial piston pump + 2 gear pumps
Pump pressure (bar)	240 x 240 x 206 x 34
Flow rate (l / min)	60,5 x 60,5 x 44,7 x 9,9
Hydraulic tank (l)	52 (Tank) / 100 (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 3 x adjustable flow rate	105,0
2 <sup>nd</sup> / 4 <sup>th</sup> control circuit Powertilt / grab (l / min) adjustable flow rate	44,7





05 Hydraulic HUPPPlate H quick-coupler

06 HUPPTilt R tilt-rotator with HUPPPlate H

07 HUPTwist rotator bucket 360°

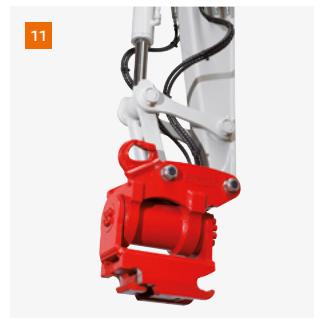
08 Hydraulic breaker HUPPBreak 60 with HUPPQuick

09 Universal grabber HUPPGrip 60 with HUPPTilt and HUPPQuick quick coupling system

10 HUPPTilt wit HUPPPlate H, digging bucket mounted as high bucket

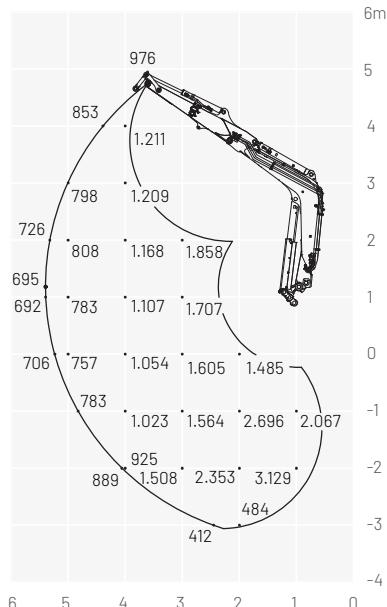
11 HUPPTilt tilt device with HUPPPlate H

12 HUPPQuick system: Hydraulic connections are connected automatically during the quick coupling process



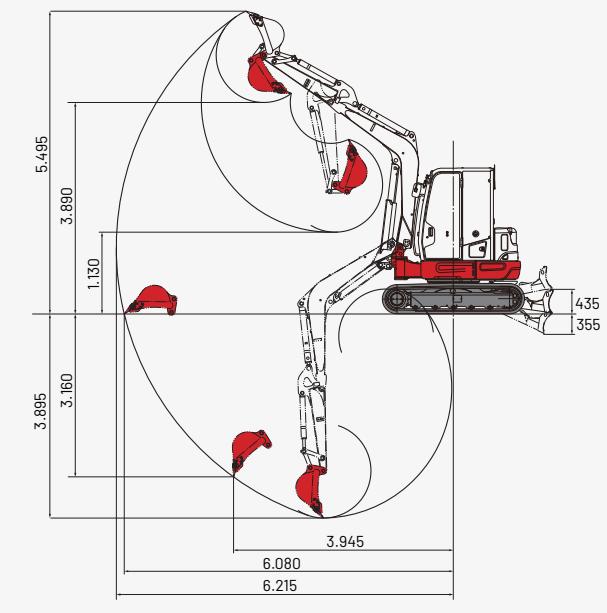
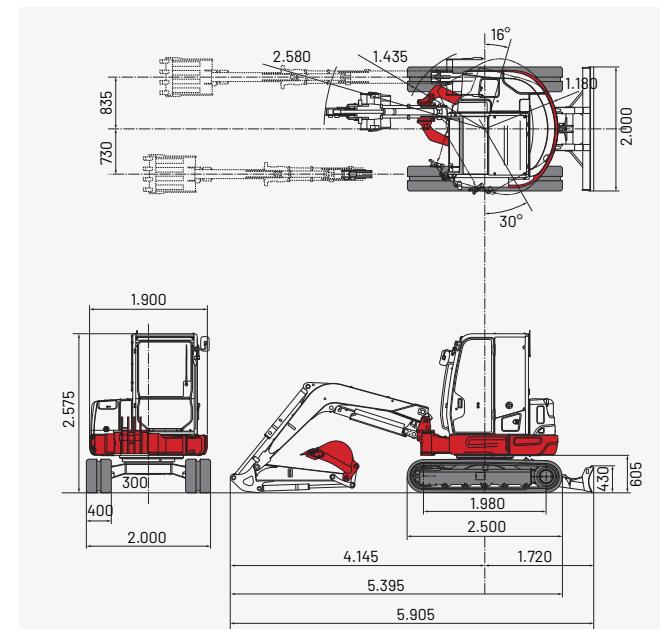
### Lifting load (kg)

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)



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

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The complete  
Huppenkothen  
product range

