

WEIGHT CLASS

3 TONNE

| TB230 |



STAGEV ✓
<19kW **READY**



COMPACT EXCAVATOR

TAKEUCHI
From World First to World Leader

Takeuchi's 3 tonne TB230 - high performance excavator

The TB230 is a powerful yet compact machine for this popular 3 tonne weight class available as a cab or canopy.

With increased power this proven Takeuchi provides maximum efficiency on-site, featuring many key features as standard. The TB230 is built for plant hire, groundworks and earthmoving.

The TB230 combines all the proven characteristics of Takeuchi excavators - smooth hydraulics, power and good serviceability in a high performance 3 tonne excavator.

3 TONNE POWER PERFORMANCE

The TB230 offers maximum performance with excellent bucket breakout force of 20.9kN and 12.9kN arm digging force, powered by a 18.2kW Yanmar 3 cylinder engine.

Compact in size - the TB230 has a track footprint of just 1460 x 1900mm.

The new TB230 has plenty of power and greater torque along with a well proven, high performance hydraulic system for greater oil flow for faster cycle times and increased efficiency.

Powerful arm and bucket break out force provide and outstanding blend of speed power and versatility.

ENHANCED FEATURES

Boom and arm holding valves are factory fitted for added safety in the event of a hose burst failure, an audible warning lift alarm is standard for craning.

Dual flow hydraulic lines operated by a joystick slider, auxiliary flows are adjustable from the touchscreen control panel with preset modes to match all types of attachment.



ECO WORKING MOODE

Economy and high altitude modes allow the operator to choose the operating mode best suited to the application.

COMPATIBLE BREAKER

The TB230 is compatible with a Takeuchi TKB102-S sound suppressed hydraulic breaker. Designed to meet the requirement for quieter operating environments.





HEAVY DUTY DOZER BLADE

A heavy duty dozer blade with a blade cylinder protection guard.

Exposed ground level hydraulic hoses are spiral steel wrapped for added protection.



SWITCH ACTIVATED BLADE FLOAT

Switch activated blade float fitted as standard to maximise ground finishing on-site.



OPERATOR COMFORT

The TB230 offers equivalent cab size of a larger size excavator – large and roomy with excellent all-round visibility and workzone lighting as standard.

The cab comes with lift-assist front window and easy stow-away lower glass panel.

The well positioned colour VDU illuminates all the active operating switch functions.

Pilot control combined with cushion boom and swing cylinders help reduce shock and vibrations and add to a smoother operation.



OPERATOR STATION

- Cab (ROPS / TOPS / OPG)
- Fully adjustable deluxe high back suspension seat
- Adjustable arm rests and drinks holder
- Skylight with sunshade / rain guard
- In cab radio MW / FM / MP3 / USB / Bluetooth
- Full foot travel pedals / foot rests & foot controlled offset

ELECTRICAL

- Sealed rocker switches
- Internal / external ancillary power sockets - 12V
- Switched roof beacon power socket - 12V
- LED workzone lighting

ENGINE

- Stage V Ready < 19kW - Low Emission
- Automatic fuel bleed system
- Dual element air filter
- Automatic idle
- Work modes: standard, ECO and high altitude
- Service interval - 250 hours



HYDRAULIC FEATURES

- Boom and arm holding check valves
- Lift overload alarm
- Auxiliary flow adjustable via VDU - multiple attachment presets
- 1/2-way flow selector valve
- Auxiliary with independent isolation valves
- Proportional controls with detent

UNDERCARRIAGE & FRAME

- Dozer with switch activated float
- Automatic load sensing 2-speed travel
- Triple flanged track rollers, sealed bearing top rollers

MAXIMUM SAFETY

LED workzone lighting, boom and arm check valves. Lift overload and travel alarm all featured as standard.

Wraparound counterweight, boom and blade cylinder guards provide protection for key engine and hydraulic components.



ATTACHMENT VERSATILITY

Preset auxiliary flows adjustable from the operator console VDU.

PRE-PIPED FOR HITCH AS STANDARD

The TB230 has factory-fitted hydraulic hitch steel pipework as standard.



RELIABLE TRACK DESIGN

The TB230 has 300mm tracks and a reliable track design for maximum track retention.

Complete with grease filled easy service track adjusters and maintenance-free sealed bearing track rollers.





RELIABILITY & SERVICEABILITY

The TB230 has maximum accessibility for easy daily routine service with large wide opening covers provide maximum accessibility.

- The rear engine access with clustered key service check points makes for easier daily checks and maintenance along with central filter positions for speedy service and less downtime.
- The service access hood provides maximum access to the control valves, hydraulic lines and hydraulic tank.
- Auto re-fuelling pump as standard. Convenient and secure remote gauge for assistance when refuelling with a lockable fuel fill.

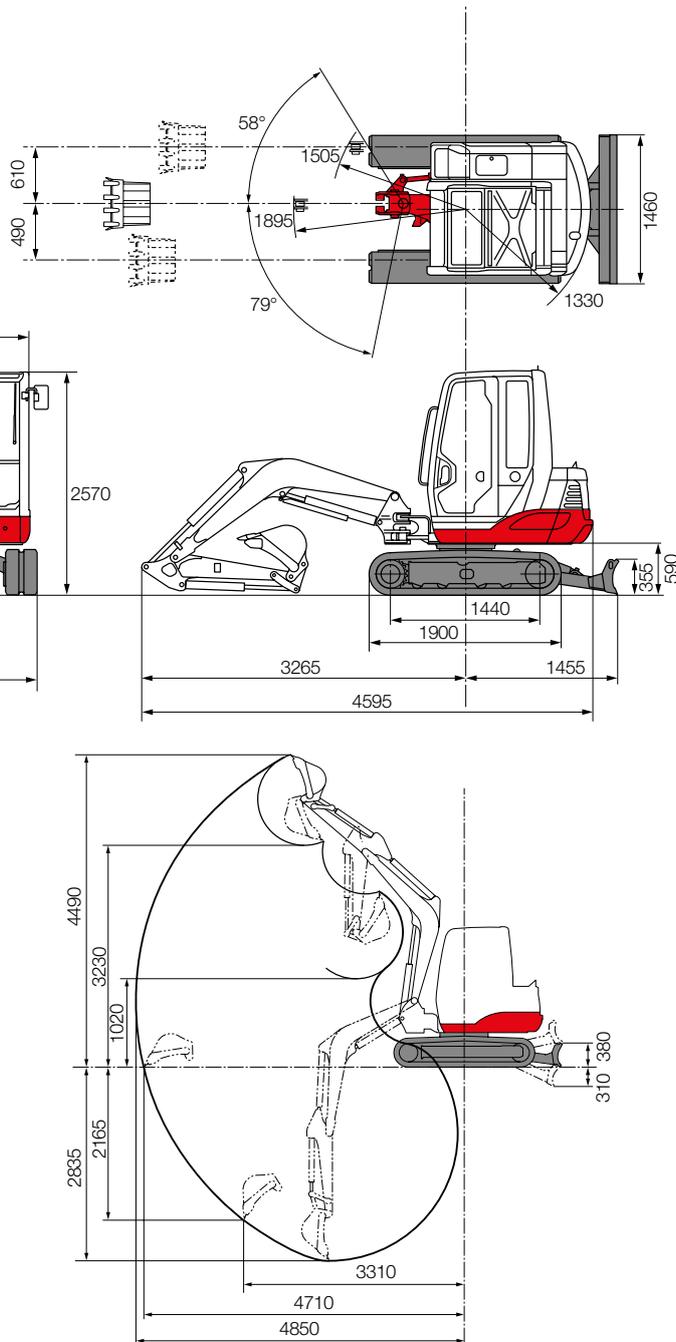
The TB230 offers easy track maintenance with grease filled service track adjusters and maintenance-free sealed bearing track rollers. The cab features a roof mounted switched beacon socket. The canopy has a prewired beacon switch and socket.



PROTECT YOUR INVESTMENT

The TB230 comes with the TSS Takeuchi Security System as standard.





TB230 Standard UK Specification Long Arm/Rubber Tracks

Engine	
Make	YANMAR
Model	3TNV88F
Rated Output (kW)/rpm	18.2 / 2400
Maximum Torque (Nm)	92
Cylinders	3
Displacement (cc)	1642
Electrical System	12V 64A

Dimensions & Weight	
Operating Weight inclusive of bucket and fuel (kg)	3020 / 2920
Overall Length (mm) for transport	4595
Width (mm)	1460
Height (mm)	2525
Ground Clearance (mm)	305
Min. Front Swing Radius (mm)	1505
Slew Radius (mm)	1330
Dozer Blade (W x H) (mm)	1580 x 355

Operating Information	
Max Digging Depth (mm)	2835
Max Dump Height (mm)	3230
Max Reach at Ground Level (mm)	4710
Max Vertical Digging Depth (mm)	2165
Max Bucket Digging Force (kN)	20.9
Max Arm Digging Force (kN)	12.9

Hydraulic System	
Set Pressure (bar)	210
Pump Type	Variable x 2 + Gear x 2
1st Aux Max Flow l/min	54
Pressure bar	210
2nd Aux Max Flow l/min	21
Pressure bar	200

Swing System	
Boom Swing Angle (L/R)	79° / 58°
Slew Speed (rpm)	10.3
Slew Motor	Constant Volume Piston Motor
Slew Brake	Wet Friction Plate

Undercarriage	
Traction Motor	Axial Piston
Traction Drive	Planetary
Traction Brake	Disc
Track Width (mm)	300
Ground Contact Length (mm)	1440
Ground Pressure (kpa)	29.3
Travel Speed (km/h)	2.9 / 5.2
Maximum Gradeability	30°

Capacities	
Hydraulic System (l)	56
Fuel Tank (l)	46
Engine Lubrication (l)	4.7
Cooling System (l)	4

OPTIONS: 2nd Aux, TFM, TKB102-S hydraulic breaker, hitches and bucket sizes from 150 - 1200mm.

07/2021

**2 YEAR
2,000 HOUR
WARRANTY***

Takeuchi machines come with a 2 year/2000 hours warranty as standard. Warranty exceptions to 1 year: fuel injection systems, electrical components, paint work and *emission control items. (*applicable models).

Before fitment of a hydraulic attachment, machine auxiliary pressure and flow should be accurately measured.

*Lifting; the mass weight of slings / hitches / bucket to be deducted from the rated load to determine the net load that may be lifted.

In accordance with our established policy of constant improvement, we reserve the right to amend these specifications at any time without notice. Photographs shown may feature non-standard equipment.

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