

TB3150R

16075KG

16580KG



**POWERFUL
EXCAVATOR**

15-TONNES OF PURE TAKEUCHI

**3-YEAR / 3,000 HOUR
WARRANTY AS STANDARD***

Takeuchi
From World First to World Leader

NEW 3-SERIES **TB3150R** 15-tonne short tail fixed boom

The NEW 3-SERIES TB3150R is the largest excavator in the Takeuchi line-up. A powerful new 15-tonne weight class with increased hydraulic horsepower, it features a fixed conventional boom and reduced tail swing allowing it to work efficiently in confined spaces.

The TB3150R combines all the proven characteristics of Takeuchi excavators: smooth hydraulics, power performance, proven durability, with maximum operator comfort and serviceability.

ENHANCED FEATURES

The NEW 3-SERIES TB3150R is internally and operationally packed full of enhanced features for maximum machine productivity, ergonomic control, operator comfort and easy access servicing.

- Latest Yanmar Stage V engine with push button start delivers increased hydraulic horsepower, 14% more than the previous model TB2150R. This crucial upgrade boosts performance in simultaneous operations, particularly those requiring high pressure.
- Pilot-operated joystick controls along with electro-hydraulic (EH) controls for functions such as travel, dozer blade and boom swing.
- Latest 3-Series automotive styling with jog dial and simplified button layout for enhanced operator controls. Auto climate control for added comfort.
- 8" colour touch screen display complete with DAB / Bluetooth function.
- Maximum all-round visibility with LED lighting and 270° cameras.
- 700mm wide steel tracks as standard.
- Takeuchi Access Management System (TAM) – keyless security ignitions system ensures that only authorised personnel can operate machines. Uses registered pin-codes or RFID fob.
- Optional 2-piece boom provides added flexibility for lifting and reach.



TB3150R STRENGTH IN DESIGN

The NEW Takeuchi 3-SERIES TB3150R excavator is built for tough working environments. Engineered for maximum power performance, with robust machine durability delivering exceptional operator comfort and unrivalled service access.

< POWER PERFORMANCE

Delivers outstanding breakout force and lift capacity for a compact 15-tonne weight class

< TOTAL RELIABILITY

Precision engineering from Japanese craftsmanship – Built to last

< ALL STEEL HEAVY DUTY PROTECTION

In every part of the machine

UNRIVALLED > SERVICE ACCESS

All at ground level.

< ALL-ROUND VISIBILITY

For safe on-site working



 **3-YEAR**
3,000 HOUR
WARRANTY AS STANDARD*





MAXIMUM SERVICEABILITY

The TB3150R is designed for easy servicing and daily routines.

Well-positioned 8" colour visual display unit - warning indicators, rpm, hour meter, fuel, battery charge, temperature, oil pressure and maintenance alerts.

- Filter access points, centralised grease points and a convenient counterweight access to the oil filter and dipstick.
- Front right panel provides access to the hydraulic control valve and hoses.
- Right rear panel allows access to the fuel filter, hydraulic pilot filter and pumps, along with water separator filter. The electric refuelling pump is neatly stored with a retractable hose.
- Left side rear panel for DEF tank, batteries and air filters.
- The grip-steps and handlebars provide safe access to service areas at the top of the machine. The top panel provides improved access to engine oil fill, radiator coolant and DPF / SCR.
- Exhaust after-treatment system – includes a maintenance free diesel oxidation catalyst (DOC), and a selective catalytic reduction (SCR) with diesel exhaust fluid (DEF).



RELIABLE TRACK DESIGN

The TB3150R comes with triple flanged rollers that support the track in multiple positions improving machine stability. The upper roller maintains track alignment and helps shed debris.



FREE 5-YEAR
TAKEUCHI FLEET
MANAGEMENT

TFM is a remote **TELEMATICS** system, using real time data to better manage your fleet and lower overall operating costs.

MAXIMUM POWER & EFFICIENCY

Fuel Saving Features:

- Automatic Idle
- Standard and ECO Work Modes
- Electronic Engine Monitoring
- Biofuel Compatible
- Engine Auto Stop
- TFM Remote Utilisation Data



STANDARD FEATURES

(see website for the complete features list)

OPERATOR CABIN

- ROPS/ OPG
- Top roof guard, level II
- Heated air suspension seat
- 8" colour touchscreen
- 270° camera
- DAB radio with Bluetooth hands free function
- USB Port (Type C)
- Automatic climate control
- Multi switch control panel with jog dial
- Large fully supported foot travel pedals

ELECTRICAL

- Takeuchi Access Management System (engine push start, pin code and RFID)
- In-cab 1 x 24V socket
- Roof beacon power socket - 12V
- Electric refuelling pump - retractable

ENGINE

- Powerful Yanmar Stage V Engine
- DOC+DPF+SCR exhaust after treatment
- Dual element air filter
- Engine auto idle and engine auto stop
- Bi-metal clutch cooling fan
- Service interval - 500 hours
- Working modes: Standard & ECO



HYDRAULICS

- Cushioned boom, arm and swing cylinders
- Boom and arm holding check valves
- Lift overload alarm
- Aux flows - touchscreen adjustable
- Multi-attachment presets - password secure
- 1-way/2-way flow selector switch
- Aux with independent isolation valves
- Proportional auxiliary controls with detent
- Aux ports: 1st + 2nd std, 3rd (pre-piped for hydraulic hitch), 4th optional

UNDERCARRIAGE AND FRAME

- Wide steel tracks - 700mm
- Dozer with switch activated blade float
- 2-speed travel with auto shift
- Triple flanged track rollers
- Tie down anchor points



COMFORT AND CONTROL

The TB3150R offers the maximum in all day comfort for operators.

The spacious cab is designed for easy operating with intuitive controls. The automotive styled jog-dial, multi-function touch screen and switch panel provide ergonomic control functions including: auxiliary setup, attachment presets, and vital machine data. Proportional joysticks bring finger-tip precision control with the smoothest hydraulics to all functions.

A large ROPS/ OPG cab features automatic climate control, heated air suspension seat along with DAB radio, Bluetooth hands free phone functionality and phone holder along with USB Port type C.

SAFETY & VISIBILITY

The rainguard and front/roof sunshades all add to operator comfort. Outstanding view from the cab facilitated by 270° cameras, full LED lighting all-round including safe-step exit lighting and a sliding relay window in the door.



Takeuchi Access Management (TAM)

An advanced keyless security and ignition system ensures fleet owners and site managers have complete control.

Keyless Push-Start: Replaces physical keys with engine push start button.

Unique User IDs: assign a digital identity to every operator.

Two-Factor Authentication Options: operators start the machine using a registered pin-code on the touchscreen or a RFID fob.

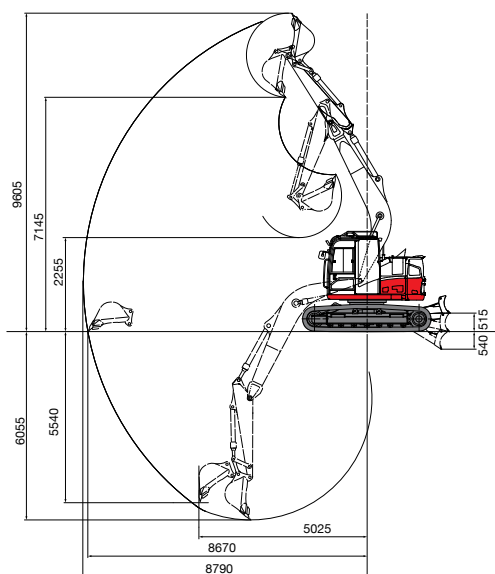


TB3150R POWERFUL EXCAVATOR

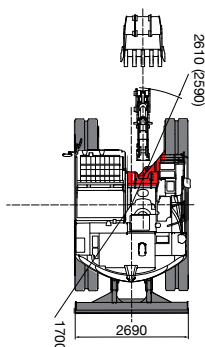


All measurements are in mm.

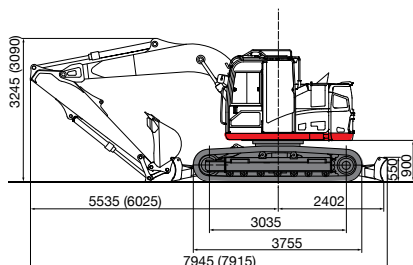
Mono Boom: Long-Arm



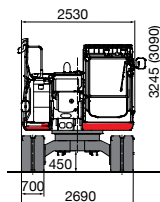
Mono Boom (2-piece boom)



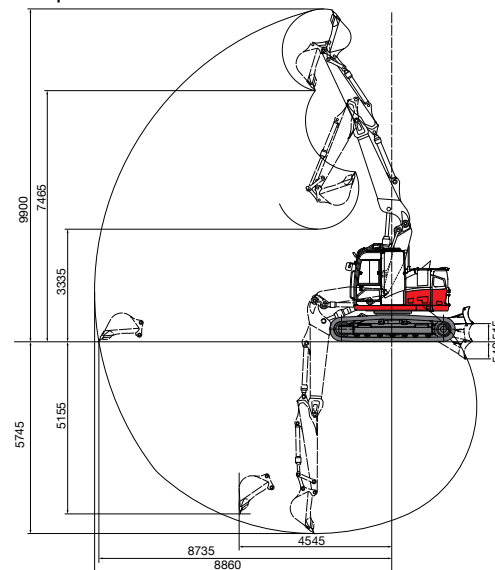
Mono Boom (2-piece boom)



Mono Boom (2-piece boom)



2-piece Boom



**FULL
3-YEAR
3,000 HOUR*
WARRANTY**

Takeuchi machines come with a full 3 year/3000 hours warranty as standard, terms and conditions apply see website*

Before fitment of a hydraulic attachment, machine auxiliary pressure and flow should be accurately measured. For all lifting specifications please refer to the lift charts on the Takeuchi website or operator manual.

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.

TB3150R

Standard UK Spec – Steel Tracks 700mm wide / Long-Arm / Mono Boom / Blade. Option: (2-piece Boom)

Engine	
Make	Yanmar
Model	4TN101 FHT-2STB
Rated Output (kW)	85.0/2200
Maximum Torque (Nm)	462.8
Cylinders	4
Displacement (cc)	3847
Electrical System	24 V

Dimensions & Weight	
Operating Weight (kg)	16075 (16580)
Length Transporting (mm)	7945 (7915)
Width (mm)	2690
Height (mm)	3245 (3090)
Ground Clearance (mm)	450
Min. Radius with Attachment (mm)	2610 (2590)
Tail Swing Radius (mm)	1700
Dozer Blade (W x H) (mm)	2690 x 550

Operating Information	
Max Digging Depth (mm)	6055 (5745)
Max Dump Height (mm)	7145 (7465)
Max Reach at Ground Level (mm)	8670 (8735)
Max Vertical Dig Depth (mm)	5540 (5155)
Max Bucket Digging Force (kN)	96.3
Max Arm Digging Force (kN)	60.0

Hydraulic System	
Main System Pressure (bar)	343
Pump Type	Variable Displacement
1st Auxiliary Maximum Flow (l/min) / Pressure (bar)	224 / 275
*2nd Auxiliary Maximum Flow (l/min) / Pressure (bar)	55.7 / 236

Swing System	
Slew Speed (rpm)	11
Slew Motor	Swash Plate Piston
Slew Brake	Wet Friction Plate

Undercarriage	
Traction Motor	Variable Displacement
Traction Drive	Epicyclic Gearing
Traction Brake	Wet Friction Plate
Track Width (mm) Steel	700
Ground Contact Length (mm)	3035
Ground Pressure (kpa)	47.6 / (49.4)
Travel Speed (steel) (k/ph)	2.7-5.3
Maximum Gradeability	35°

Capacities	
Hydraulic System (l)	225
Fuel Tank (l)	240
Engine Lubrication (l)	14.3
Cooling System (l)	18
DEF Tank (l)	20

Health & Safety	
Noise / Sound Power Level (LwA)	98 dB
Vibration Hand Arm / Body m/sec ²	≤2.5 / ≤0.5

06/2026

For more information locally contact:



SCAN ME

To find your
local dealer

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