

WEIGHT CLASS

**1.6 TONNE**

| TB216 |



**STAGEV** ✓  
**<19kW** READY



# COMPACT EXCAVATOR

Now available as a Plug-In *Hybrid*

**TAKEUCHI**<sup>®</sup>  
Japanese for Reliability

# TB216 compact mini excavator

The Takeuchi TB216, 1.6 tonne mini excavator is one of the most popular mini excavators worldwide

A compact machine packed full of proven Takeuchi features including expanding tracks, smooth hydraulics and powerful breakout force. A firm favourite with tool hirers, utilities, jobbing builders and ground workers.

Designed for maximum dig depth and dump height the TB216 has excellent working ranges and a powerful engine for 1.6 tonne machine weight class.

Now with added anti-theft security; new on the TB216 is the TSS Takeuchi Security System with programmed key start only.

**STAGE V** ✓  
**<19kW READY**

**AVAILABLE AS  
PLUG-IN  
HYBRID**



### ROBUST FOR SITE

The top mounted hydraulic boom cylinder and internally routed hoses helps avoid potential site damage.

Simple lever from single to dual flow at the front of the cab.



### OPERATOR COMFORT

The large best in-class spacious cab has an easy gas strut assisted window, simply slides into the roof space.

Large adjustable arm rests help minimise operator fatigue.



### PROVEN EXPANDABLE TRACK FRAME

With double flanged rollers for reliable track retention. A unique expanding track frame adjusts from 980 to 1300mm getting access in narrow openings. Added track width gives greater operating stability.

The TB216 is a very well protected mini digger built for the toughest site conditions.

Operators enjoy the smooth operation and powerful digging force from a compact portable machine.

With a maximum dig depth up to 2390mm and dump height of 2705 alongside a maximum reach at ground level as far as 4035mm the TB216 outperforms for its compact size.

Precise proportional control valves achieve the smoothest digging operation vital in critical dig sites working around live cables and pipes.

A 1.6 tonne Takeuchi has become the most popular choice of digger for all types of application - landscaping, utilities, groundworks and street works.

**With a reputation for reliability, Japanese build quality makes all the difference.**





### ENHANCED VISUAL DISPLAY UNIT

Enhanced VDU displays key operator information and machine maintenance alerts.



### EASY ACCESS & MAINTENANCE

Service door for easy radiator access, fuel filter and maintenance. The battery is positioned below the seat.

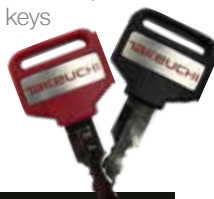
Takeuchi have introduced simple quick release side panels getting maximum access.



### PROTECT YOUR INVESTMENT

The TB216 now comes with the new **TSS Takeuchi Security System** as standard.

- Only programmed keys for start-up
- Un-programmed keys alert the operator via the VDU and alarm
- Standard - 1 red master key and 3 black users keys
- Can programme up to 13 black user keys



### PERFORMANCE

- Proven strong track frame design offers excellent balance and stability with a longer than average track frame (1520mm).
- Simultaneous operation of cab swing and digging function, and gives two-speed travel gives fast cycle times.
- Auxiliary hoses are easy to attach and well positioned high up the dipper arm or added protection.

### OPERATION

- Added offset position RH 80° and LH 50°.
- Cushioned main boom and swing cylinders for smooth operation.
- Boom and cab mounted work light give options for all types of working conditions.
- Well positioned enhanced VDU - warning indicators, rpm, hour meter, fuel, battery charge, temperature, oil pressures and maintenance alerts.

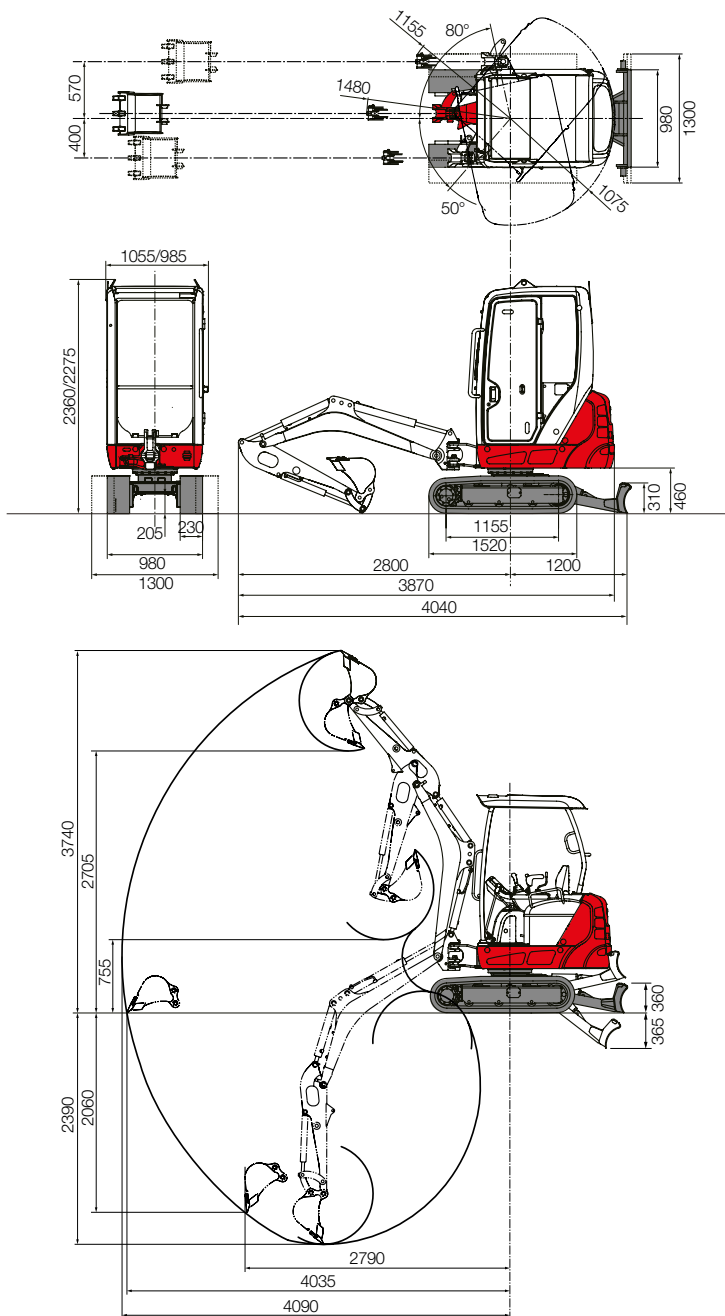
### SAFETY & SERVICE

- Enhanced 100% steel wraparound frame protects key components. Flat glass panels make replacement an affordable option.
- Standard service features include; Safe Drain engine oil system, hydraulic and fuel gauges in cab and at filler, fuel drain system, hydraulic oil cooler, maintenance-free battery.
- Fitted with anti-theft Takeuchi Security System as standard.

### OPTIONS

- TKB72-S Breaker
- Auger
- Quick Hitch
- Bucket sizes from 150-1000mm





## TB216

Standard UK Specification - Long Dipper

| Engine                |           |
|-----------------------|-----------|
| Make                  | YANMAR    |
| Model                 | 3TNV70    |
| Rated Output (kW)/rpm | 11.5/2400 |
| Maximum Torque (Nm)   | 51.8      |
| Cylinders             | 3         |
| Displacement (cc)     | 854       |
| Electrical System     | 12V       |

| Dimensions & Weight  |                |
|--|----------------|
| Operating Weight inclusive of bucket and fuel: cab/canopy (kg) | 1800/1680      |
| Overall Length (mm)  | 3870           |
| Width cab/canopy (mm)  | 1055/985       |
| with extended track (mm)                                       | 1300           |
| Height cab/canopy (mm)   | 2360/2280      |
| Ground Clearance (mm)  | 205            |
| Min. Front Swing Radius (mm)                                   | 1155           |
| Tail Swing Radius (mm)   | 1075           |
| Dozer Blade (W x H) (mm)                                       | 900/1300 x 310 |

| Operating Information           |      |
|---------------------------------|------|
| Max Digging Depth (mm)          | 2390 |
| Max Dump Height (mm)            | 2705 |
| Max Reach at Ground Level (mm)  | 4035 |
| Max Vertical Digging Depth (mm) | 2060 |
| Max Bucket Digging Force (kN)   | 14   |
| Max Arm Digging Force (kN)      | 8.2  |

| Hydraulic System       |          |
|------------------------|----------|
| Set Pressure (bar)     | 210      |
| Pump Type              | Variable |
| 1st Aux Max Flow l/min | 33       |
| Pressure bar           | 210      |
| 2nd Aux Max Flow l/min | 10       |
| Pressure bar           | 200      |

| Swing System           |         |
|------------------------|---------|
| Boom Swing Angle (R/L) | 50°/80° |
| Slew Speed (rpm)       | 9.2     |

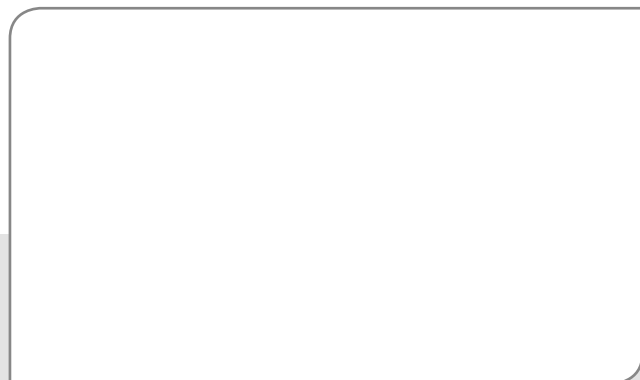
| Undercarriage              |                   |
|----------------------------|-------------------|
| Traction Motor             | Piston            |
| Traction Drive             | Epicyclic Gearing |
| Traction Brake             | Friction Brake    |
| Track Width (mm)           | 230               |
| Ground Contact Length (mm) | 1155              |
| Ground Pressure (kpa)      | 31/29.4           |
| Travel Speed (km/h)        | 2.2-4.2           |
| Maximum Gradeability       | 15°               |

| Capacities             |      |
|------------------------|------|
| Hydraulic System (l)   | 24.5 |
| Fuel Tank (l)          | 22   |
| Engine Lubrication (l) | 2.8  |
| Cooling System (l)     | 3.8  |

All dimensions unless otherwise stated are in millimetres.

**For more information locally**

call us direct, or contact:



Takeuchi Mfg (UK) Ltd, Unit E2B Kingsway Business Park,  
John Boyd Dunlop Drive, Rochdale, Lancashire OL16 4NG  
Tel: 01706 657 722 Fax: 01706 657 744

Southern Depot at 20 Colthrop Business Park  
Colthrop Lane, Thatcham, Newbury, Berks RG19 4NB  
Tel: 01635 877 196 Fax: 01635 877 195

www.takeuchi-mfg.co.uk Email: sales@takeuchi-mfg.co.uk

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

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.

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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