



**TB108**

Standard UK Specification - Long Dipper/Rubber Tracks

Engine	
Make	Yanmar
Model	RTNV70
Rated Output (kW)/rpm	7.1/2400
Maximum Torque (Nm)	33
Cylinders	2
Displacement (cc)	569
Electrical System	12volts 34amp

Dimensions and Weight	
Operating Weight inclusive of bucket and fuel (kg)	880
Overall Length (mm)	2740
Width with ROPS (mm)	740
Width without ROPS (mm)	680
Height with ROPS (mm)	2222
Height with Bar Down (mm)	1415
Ground Clearance (mm)	160
Min. Front Swing Radius (mm)	825
Tail Swing Radius (mm)	740
Dozer Blade (W x H) (mm)	680-900x200

Operating Information	
Max Digging Depth (mm)	1680
Max Dump Height (mm)	2145
Max Reach at Ground Level (mm)	2880
Max Vertical Digging Depth (mm)	1370
Max Bucket Digging Force (kN)	10.2
Max Arm Digging Force (kN)	5.8

Hydraulic System	
Set Pressure (bar)	160
Pump Type	Gear x 2
Hydraulic Flow (l/min)	10.7 x 2
Auxiliary Flow (l/min)	22

Swing System	
Boom Swing Angle (L/R)	90°/90°
Slew Speed (rpm)	9.3
Slew Motor	Orbital

Undercarriage	
Traction Motor	Axial Piston
Traction Drive	Planetary
Traction Brake	Disc
Track Width (mm)	180
Ground Contact Length (mm)	900
Ground Pressure (kpa)	25.1
Travel Speed (k/ph)	2.0/3.9
Maximum Gradeability	25°

Capacities	
Hydraulic System (l)	14
Fuel Tank (l)	8
Engine Lubrication (l)	1.6
Cooling System (l)	2.5

All dimensions unless otherwise stated are in millimetres

**For more information locally**  
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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.

**TAKEUCHI**  
Japanese for reliability



**FULLY HYDRAULIC  
COMPACT  
EXCAVATOR**

**TAKEUCHI**  
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# TB108 Micro Excavator - portable and powerful

The TB108 is our smallest excavator weighing in at just 835kg. Its micro dimensions enable it to pass through a normal doorway making it ideal when working with restricted access. Expands to wider tracks for added stability when digging and tracking.

The TB108 has an impressive dig depth of 1680mm.

### EASY ACCESS, EASY SERVICING

Lockable tilt-back steel engine cover secures key parts, components and fuel tank.



### EXPANDABLE TRACK FRAME

The TB108 has a unique expanding track frame to adjust from 680mm to 900mm allowing it to travel through narrow openings. Added track width then gives greater operating stability.



### WELL PROTECTED HYDRAULICS

One and two-way auxiliary hydraulic circuit, plumbed to the dipper arm, powers a wide range of attachments.



### EASY CONTROLS

Easy to drive - simple operating controls make the TB108 an easy to use digger for any level of operator.



### TRAILER TOWING - GETS YOU TO THE JOB

The TB108's size and weight make it an easy trailer tow for convenience.



### PERFORMANCE

- Expanding track frame adjusts from 680 to 900mm to travel through narrow openings and greater operating stability.
- Adjustable dozer blade to match expanded track width.
- One and two-way auxiliary hydraulic circuit, plumbed to the dipper arm, powers a wide range of attachments.
- Planetary final drives give better traction on difficult ground.
- Boom mounted work light for all working conditions.

### OPERATION

- Two-speed travel provides faster travel over long distances, improving job-site mobility and increasing productivity.
- 180° independent boom swing gives a wider working area.
- Adjustable power and speed for fast cycle times and smooth operation.

### SAFETY & SERVICE

- Cast iron wraparound protective counterweight protects the machine and withstands bumps on site - 100% steel built for the toughest sites.
- Lockable tilt-back steel engine cover secures key parts and components.
- For servicing the TB108 key features include; fuel and oil hydraulic gauges and an engine oil Safe Drain system.
- Standard safety features include; adjustable seatbelt, safety lockout lever for travel and operating controls.
- All Takeuchi machines come with 2 year/ 2,000 hours warranty as standard.

### OPTIONS

- TKB51 Hydraulic Breaker
- Auger



TB108 Micro Excavator is perfect for landscape, small building and DIY applications.

With an option of six different sized buckets, alternatively add an auger or a breaker and its ready for work.

For difficult ground it has a powerful dig force of 10.2kN.

It gets into places other excavators cannot. It digs deep 1680mm, dumps high 2145mm and has a maximum ground reach as far as 2880mm.

A perfect machine to add to the hire fleet, landscape division or building team.

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

