



**TAKEUCHI**<sup>®</sup>



FROM WORLD FIRST TO WORLD LEADER

# NEW 3-SERIES TB320

2 TONNE, Towable weight class

Conventional Tail-swing

Available with CABIN or CANOPY

# TB320

TB320 is a NEW  
model in the  
Takeuchi Range

This model is NOT  
a replacement for  
TB219



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# NEW TB320 MINI EXCAVATOR

- 2-Tonne Mini Excavator in a towable weight class
- New 3-Series with automotive styled interior
- Expanding Rubber Tracks (980mm-1370mm)
- Designed to utilise multiple attachments
- Increased Engine and Hydraulic Power
- Aux 1 & 2 proportional control
- Pre-piped Low pressure QH line (Harford only)
- Upper structure TB216 with heavier counterweight, Undercarriage TB219
- Yanmar 3TNV70 (EU Stage V)
- Compatible breaker TKB72 and TKB72-S
- Matching TB216 pin and link dimensions
- **Available from May 2024**



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# NEW 300 SERIES EXTERIOR DESIGN



*Note: UK standard specification is Rubber Tracks (Steel Tracks OPTIONAL)*

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# TB320 STANDARD UK SPEC

- Long arm (1130mm)
- Rubber Tracks (230mm)
- Stage V Yanmar 3TNV70 Engine - Double element, Air cleaner
- 3.5" Multi-Informational Display
- Aux 1, 2, 3 (3<sup>rd</sup> pre-piped for low pressure Quick Hitch Harford only)
- Aux 1 & 2 proportional control
- Overload relief valve for Aux 1/2
- Boom swing stopper
- Fabric suspension seat (Cab) PVC suspension seat (Can)
- LED lights – 1 x LED on the boom and 2 x LED on the front cab/can
- Heavy Duty Dozer Blade with pin on extension for extended tracks
- Automatic 2-Speed travel
- Travel Alarm
- TSS Immobiliser system
- DAB/DAB+ Radio with Bluetooth Hands-free Function (Cab)

# TB320



**OPTIONAL**  
Boom and Arm Holding  
Valves with Lift Alarm  
4<sup>th</sup> Aux (proportional)  
TFM – Telematics  
*No Air Con option*

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# TB320 TAKEUCHI LINE-UP

		Takeuchi		
		TB216	TB320 <b>NEW!</b>	TB219
		Conventional	Conventional	Conventional
<b>Operating Performance</b>				
Operating Weight (CNP)	kg	1770	<b>1930</b>	1945
Operating Weight (CAB)	kg	1865	<b>2060</b>	2070
Bucket Capacity (Heaped)	m <sup>3</sup>	0.038	<b>0.038</b>	0.046
Maximum Bucket Breakout Force	kN	14	<b>17</b>	16
Maximum Arm Digging Force - STD	kN	9.5	<b>×</b>	11.4
- LONG	kN	8.2	<b>9.1</b>	9.8
Traction Force	kN	19.4	<b>21.1</b>	20.7
<b>Engine</b>				
Model		Yanmar 3TNV70	<b>Yanmar 3TNV70</b>	Yanmar 3TNV70
Rated Output (ISO14396)	kW / min-1	11.5 / 2400	<b>12.0 / 2500</b>	12.0 / 2500
Maximum Torque	Nm / min-1	52.7 / 1800	<b>52.7 / 1800</b>	52.7 / 1800
After Treatment		×	<b>×</b>	×
<b>Machine Dimensions</b>				
Overall Length (STD / LONG)	mm	S:3875 / L:3870	<b>3910</b>	S:4010 / L:4050
Overall Height (CAB / CNP)	mm	CAB:2360 / CNP:2280	<b>CAB:2380 / CNP:2305</b>	CAB:2360 / CNP:2290
Overall Width (Retracted / Extended)	mm	980 / 1300	<b>980 / 1370</b>	980 / 1370
Slew Radius	mm	1075	<b>1110</b>	1140
Counterweight Protrusion Beyond the Track	mm	425	<b>425</b>	455
	%	32.7	<b>31.0</b>	33.2
Maximum Reach (STD / LONG)	mm	S:3900 / L:4090	<b>4090</b>	S:4045 / L:4280
Maximum Digging Depth (STD / LONG)	mm	S:2190 / L:2390	<b>2370</b>	S:2270 / L:2520
Maximum Dumping Height (STD / LONG)	mm	S:2550 / L:2705	<b>2725</b>	S:2710 / L:2860

*Note: Machine dimensions are measured with Takeuchi factory buckets*

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# TB320 in TAKEUCHI LINE-UP

		Takeuchi		
		TB216	TB320 <b>NEW!</b>	TB219
		Conventional	Conventional	Conventional

Hydraulic System				
P1, P2				
Flow Rate	L/min	16.8 x 2	<b>20.0 x 2</b>	20.0 x 2
Relief Pressure	MPa	21.0	<b>21.0</b>	20.6
P3				
Flow Rate	L/min	10.8	<b>11.3</b>	11.3
Relief Pressure	MPa	20.0	<b>18.0</b>	18.0
Service Port 1				
Flow Rate	L/min	33.6	<b>40.0</b>	40.0
Hydraulic Pressure	MPa	21.0	<b>21.0</b>	20.6
Service Port 2				
Flow Rate	L/min	10.8	<b>11.3</b>	11.0
Hydraulic Pressure	MPa	20.0	<b>18.0</b>	18.0
Service Port 3				
Hydraulic Pressure	MPa	20.0	<b>18.0</b>	18.0
Service Port 4				
Flow Rate	L/min	NA	<b>11.3</b>	NA
Hydraulic Pressure	MPa	NA	<b>18.0</b>	NA
Fluid Capacity				
Engine Lubrication	L	2.8	<b>2.8</b>	2.8
Cooling System	L	3.8	<b>4.1</b>	3.7
Fuel Tank Capacity	L	22.0	<b>22.0</b>	24.0
Hydraulic Reservoir Capacity	L	16.0	<b>16.0</b>	23.0
Hydraulic System Capacity	L	24.5	<b>30.0</b>	35.0



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# USP & TARGET CUSTOMER

Target customer – Excavator Owner / Operator

Comfort, specialist attachments, reliability, long term investment

- Best in class hydraulic flow 40 L/min on aux port 1, capable of running a wide range of hydraulic driven attachments – Tiltrotator, Mulcher etc
- Up to 4 service ports available (Optional Extra)
- High breakout force to deliver greater power and productivity on site  
21.4% higher than TB216 and 6.25% higher than TB219
- Compact design and dimensions, easy to transport to and from the jobsite
- Ideal for sites with very limited accessibility.
- Nimble and manoeuvrable with retracting tracks to 980mm





# AUTOMOTIVE STYLED INTERIOR

**TB320**



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## AUTOMOTIVE STYLED INTERIOR



Adjustable Suspension Seat

Throttle Lever

Blade and Undercarriage Control Lever

Drink Holder

Pilot Joysticks

3.5" Multi-Informational Display



Boom Swing Pedal with Guard

Spacious Floor Area with Footrest



# EXCELLENT SERVICEABILITY

## TB320 ENGINE HOOD

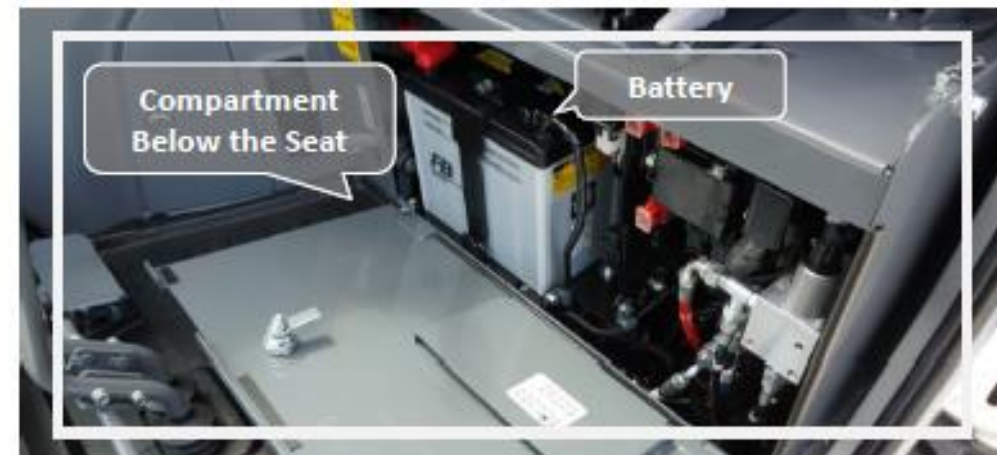


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# EXCELLENT SERVICEABILITY

# TB320



# TAKEUCHI



# TRUST TAKEUCHI – OUR PHILOSOPHY

The Takeuchi design philosophy is centred on Four Pillars

• **Performance** • **Durability** • **Operator Comfort** • **Serviceability**

The engineering focus of Takeuchi is to build machines to the highest standards of quality and performance. Takeuchi strives to build equipment that incorporates solutions into each and every component and feature.

## Performance

The full Takeuchi product range up is strong, reliable and productive. Takeuchi equipment provides exceptional value, demonstrates outstanding performance, and measured by their longevity in the field.

## Durability

Durability is a cornerstone to the success of Takeuchi equipment. Takeuchi manufactures equipment that provides less downtime and high resale values. Attention to detail along with quality parts is why Takeuchi has a reputation for providing highly reliable products.

## Operator Comfort

Takeuchi builds equipment with the operator in mind. Takeuchi believes that large roomy cabs with an intuitive layout with placement of monitors, switches and controls are essential in providing the highest quality of comfort while operating equipment.

## Serviceability

Each Takeuchi is designed to simplify service access reducing downtime and saving you valuable time and money. Every Takeuchi comes standard with a 2 year / 2,000 hour full machine warranty providing additional value and peace of mind.

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