

TB295W



WHEELED EXCAVATOR

TAKEUCHI
Japanese for reliability

TB295W redefining wheeled excavator performance

The TB295W is Takeuchi's new high performance wheeled excavator packed full of on-road features. A powerful 4 dual-wheel drive machine, the new wheeled excavator is designed and built for motorways, roads and street works applications with out-rigger options for added stability.

A very flexible on-road vehicle the TB295W is built for maximum excavator performance. Complete with a Tier 4 Isuzu engine offering power performance combined with maximum breakout force.

It weighs in at 9387kg (10,800kg when complete with outriggers) for maximum operating capacity.

With a massive dig depth of 3895mm, and ground reach to 6830mm the TB295W provides heavy duty on-site performance.



HEAVY DUTY BUILD - POWERFUL

Powered by a very fuel efficient EPA Interim Tier 4 Isuzu compliant turbocharged diesel engine with auto idle and dial throttle control for economy work mode the TB295W saves on fuel.

The heavy-duty boom and dipper arms are robust for heavy-duty breaking out.

Reliable well protected hydraulic hoses help reduce maintenance costs.





OPERATOR COMFORT

The cab is isolated and provides a cushioned performance whilst driving and excavating.

A large enclosed ROPS/FOPS cab with heater and digital air-con climate control as standard, with defrost, wiper and rainguard. AM/FM radio and MP3 socket, retractable front window, large skylight with sun shade, removable lower window section, and 24v power outlet.

Sliding operators seat with 10-way adjustable heated air suspension seat.



MAXIMUM OPERATING PERFORMANCE

With a machine footprint of just 2335 x 3745mm, the new TB295W has a relatively compact size to get maximum accessibility on restricted sites.

Typical Takeuchi joystick controls give finger-tip precision of smooth hydraulics, smooth proportional auxiliary hydraulics, with dual auxiliary hydraulic circuits with adjustable flow control system.

Fitted with a cushioned main boom, arm and swing cylinders.

Both the boom and dipper arm has a hose-burst check valve, to minimise cylinder drift and maintain load control in the event of a hose failure. The selectable lift alarm provides an audible warning when the boom is reaching hydraulic lifting capacity.



MAINTENANCE FEATURES

Ground level easy access points for battery and regular service points, including an accessible swing out radiator. The machine comes with a large well positioned tool box under the cab, supplied with tool kit and grease gun.

Auto refuel pump & fuel drain for easy fuelling and fuel cleaning when necessary

- Electronic engine monitoring system
- Self bleeding fuel system with high capacity fuel filters



ON - SITE FEATURES

Rear fisheye mirror, cab and boom work lights provide added on-site safety. A larger than average parallel lift dozer blade as standard provides for effective grading and ground clearance.

Independent out riggers are a factory fitted option. Easy to position to provide the added stability that might be required on gradients and un-even terrain.





ROAD FEATURES

TB295W is a road legal vehicle when registered and taxed.

A highly flexible on-road excavator, with excellent travel speed up to 30kph. Rugged axles and undercarriage provides heavy duty strength in all terrains.



AXLE & UNDERCARRIAGE

The undercarriage and axles are built for the rigours of road and site with rigid strength to withstand heavy duty impacts. The undercarriage has a universal out rigger and blade mounting points at both ends of the machine, for operator preference.



SAFETY

Hi visibility well positioned road and work lights alongside reversing mirrors make for the safest possible drive. The added height of TB295W gives excellent all-round operator visibility on-road and on-site.



BRAKES

Highly efficient oil immersed hydraulic brakes. Selectable switch from manual to auto axle lock when digging.



DRIVING

The TB295W is an easy to drive wheeled option with all the typical-on-road features, an adjustable steering column both height and rake, provides for all sizes of operators to give a comfortable drive.

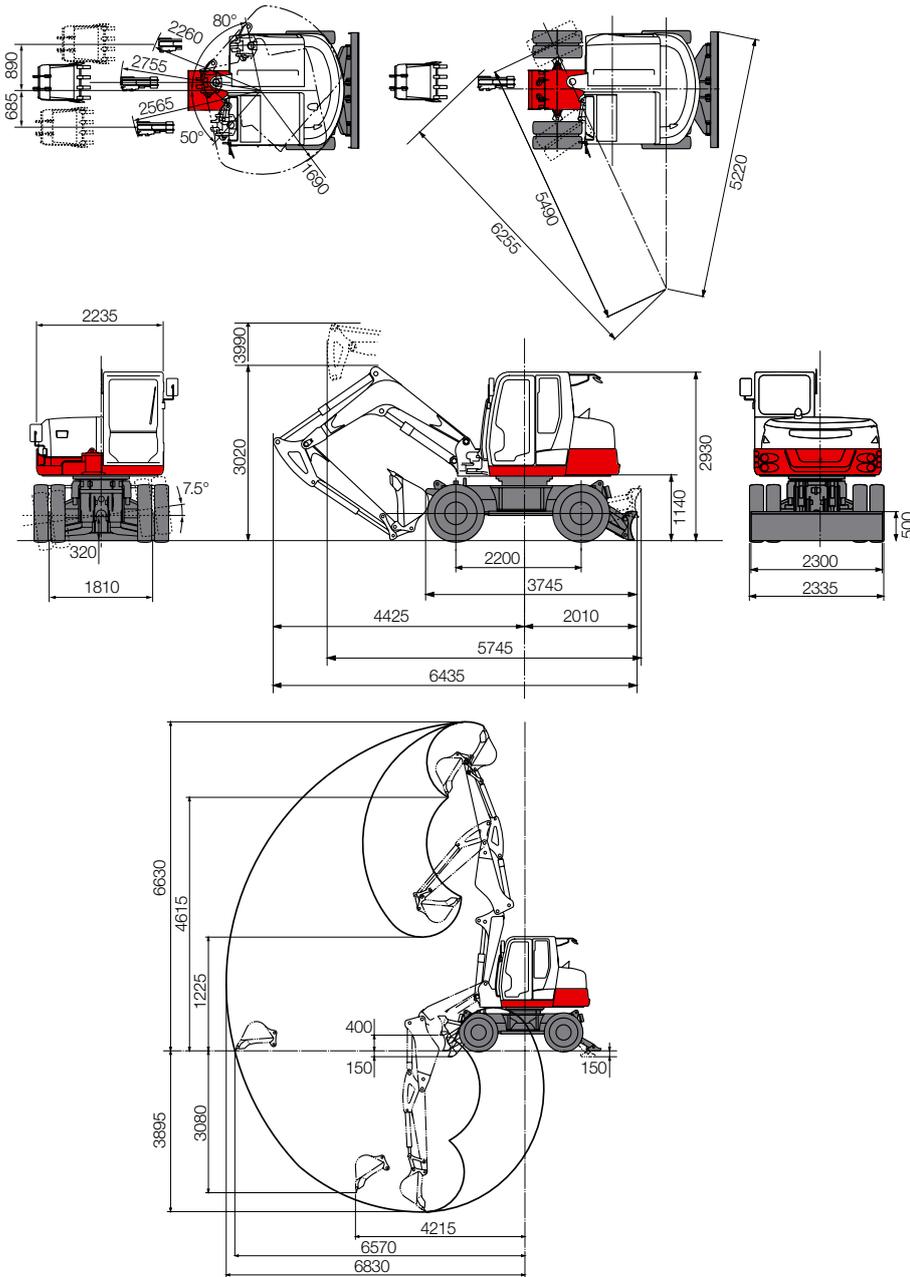


Selectable hand or foot controls for operator performance. A well positioned VDU gives excellent operating controls, illuminating all machine functions and warning alerts.

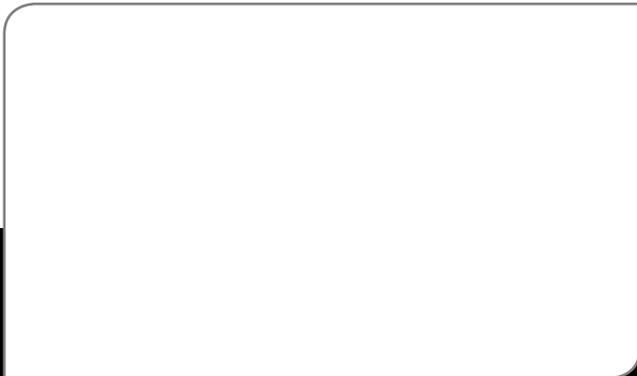
TRAVEL SPEED

With up to 30kph travel speed and auto cruise facility, the TB295W is ideal for on-road highways and street works applications.





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TB295W

Standard UK Specification - Long Dipper

Engine	
Make	ISUZU
Model	AM-4JJ1X-S1
Rated Output (kW)/rpm	70.6/2000
Cylinders	4
Displacement (cc)	2998
Electrical System	12 V 90 A

Dimensions & Weight	
Operating Weight inclusive of blade/with outrigger	9550 / 9840
Overall Length (mm)	6435
Width (mm)	2335
Height (mm)	2930
Ground Clearance (mm)	320
Min. radius of machine & attachment	2755
Slew Radius (mm)	1690
Dozer Blade (W x H) (mm)	2300 x 500

Operating Information	
Max Digging Depth (mm)	3895
Max Dump Height (mm)	4615
Max Reach at Ground Level (mm)	6570
Max Vertical Digging Depth (mm)	3080
Bucket Digging Force (kN)	58.9
Long Arm Digging Force (kN)	39.7

Hydraulic System	
Set Pressure (bar)	275
Pump Type	Variable piston x 2, double gear x 1
Hydraulic Flow (l/min)	160+60.6+32.4+16
Auxiliary Flow / Hi Flow (l/min)	80 / 120

Swing System	
Boom Swing Angle (L/R)	80°/50°
Slew Speed (rpm)	10.3
Slew Motor	Constant Volume Piston
Slew Brake	Disc

Undercarriage	
Tyre Size	8.25 - 20 - 14PR
Drive Line	All Wheel Drive
Travel Brake	Disc & Brake Lock
Steering	Front Setting System
Wheelbase	2200
Tyre Pressure (psi)	95
Travel Speed (K/ph)	30
Maximum Gradeability	30°

Capacities	
Hydraulic System (l)	175
Fuel Tank (l)	148
Engine Lubrication (l)	15

All dimensions unless otherwise stated are in millimetres.

Takeuchi machines come with a 2 year/2000 hours warranty as standard. Warranty exceptions to 1 year; fuel injection systems, electrical components, paint work.

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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