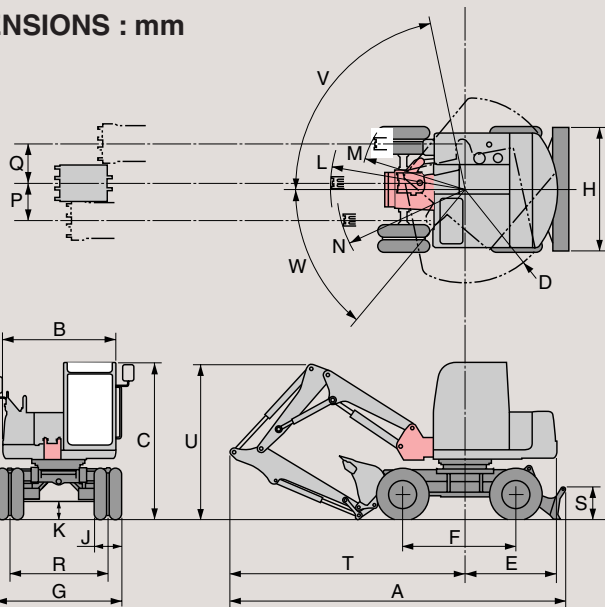


TB175W

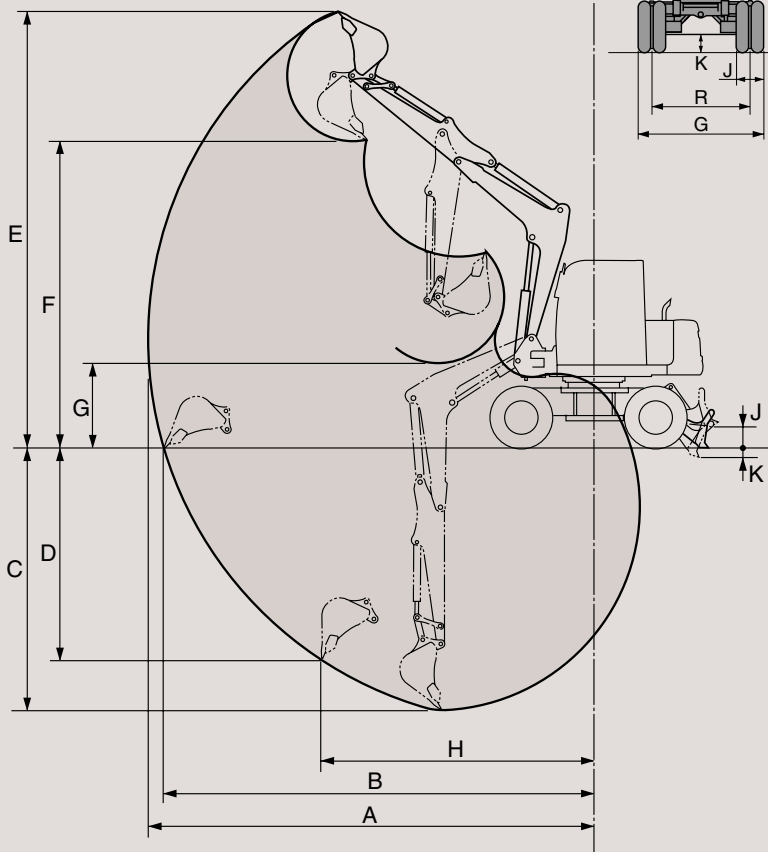
DIMENSIONS : mm



2-Piece Boom	
A	6260
B	2110
C	2925
D	1720
E	1715
F	2100
G	2330
H	2300
J	515
K	335
L	2505
M	1955
N	2385
P	690
Q	730
R	1815
S	600
T	4380
U	2895
V	80°
W	50°

Unit:mm

OPERATING RANGE : mm



Item	Boom		
	2-Piece Boom	Mono Boom	
A	Max.digging radius	7650	6945
B	Max.ground digging radius	7430	6700
C	Max.digging depth	4085	4055
D	Max.vertical digging depth	3600	3220
E	Max.digging height	8325	6780
F	Max.dumping height	6355	4765
G	Min.dumping height	2665	1330
H	Max.vertical digging radius	4360	4270
J	Max.raising height	335	335
K	Max.lowering depth	145	145

Unit:mm

SPECIFICATIONS TB175W 2-Piece Boom Cab, Wheeled Type,

WEIGHT		Height		OPERATING RANGE : mm		
Machine Weight	kg	8,130		Rear Slew Radius	1720	
BUCKET		PERFORMANCE		Max. Dig. Depth	4085	
Bucket Capacity	m ³	0.185 (Struck) / 0.245 (Heaped)	Min. ground Clearance			335
Bucket Width	mm	750	Traction speed			
DIESEL ENGINE (WATER-COOLED)		Low		Inching mode	0 ~ 4.5	
Model	4TNE98-TBW	Normal mode		Normal mode	0 ~ 9	
Type	4CYL. 4CYCL	Hi		Hi	0 ~ 20	
Rated Output	kW	50 / 2300rpm	Upper Slew Speed			rpm
Max. Torque	NM	234.9	Gradeability			deg
Displacement	cc	3320	Max Dig Power Bucket			Kn
Fuel Consumption(at Rated Output(g/KW-h))		245/180	Max Dig Power Arm			Kn
Cool Water Capacity	lit	10.5	Max Lifting Power BoomKn			34.7
Lub. Oil Capacity	lit	10.2	DOZER BLADE : mm			
Fuel Tank Capacity	lit	120	Width x Height			2300 x 560
OVERALL DIMENSION : mm		Operating Range up/down		335 / 145		
Length (in Transport)	6260	BOOM SWING OFF-SET DIG FUNCTION				
Width	2330	Type		Boom Swing		
		Swing Angle		RH / LH		
				80 / 50		
				HYDRAULIC SYSTEM		
				Pump type	Variable (P1+P2)+ Gear(P3+P4)/ Gear(p5)	
				Set Press	27.5 x 2 + 24.5 + 17.2 / 3.4	
				Discharge(LPM)	69x 2 + 53.6+20.7 / 11.3	
				Breaker & service Port (LPM)	69	
				Slew Motor	Axial Piston	
				Traction Motor	Axial Piston	
				Hydraulic Tank Capacity lit	68	



WORLD CREATOR OF COMPACT EXCAVATOR

TAKEUCHI MFG.CO.,LTD.

205-3,Uwadaira,Sakaki-machi,Hanisina-gun,
Nagano 389-0605,Japan
Phone (81)268-81-1112
Telefax (81)268-81-1121
E-mail:marketing@takeuchi-mfg.co.jp
Murakami Factory
Togura Factory
Sakaki Factory

Full hydraulic diesel drive wheeled type excavator with
blade & boom swing functions built-in

TB1 75W

Machine Weight: 8130kg



TAKEUCHI

TAKEUCHI ... Leading the Way in Compact Excavators



Operator Comfort



- **Multi-Adjustable Suspension Seat** Provides minimal fatigue work for the operator.

Designed for Longer Digging Reach



2-Piece Boom or Mono-Block Boom at Your Choice

Safety

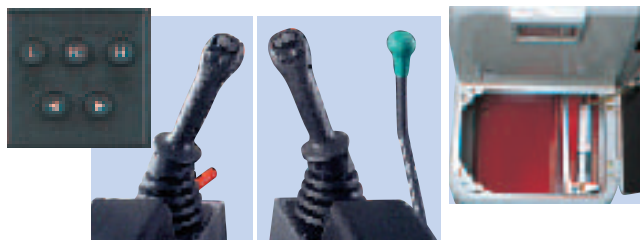
- **Rear Mounted Work Lights Improve Job Site Safety** by visually alerting anyone entering the excavator's swing area.
- **Cast Iron, Wrap Around Protective Counterweight** protects the engine compartment from accidental damage when working in confined areas.
- **Protective Routing of Bucket and Arm Cylinder Hoses** through the boom bracket virtually eliminate hose abrasion.
- **Side Light** for operation at night.
- **Engine Emergency Stop** for abnormal drop of engine oil pressure.
- **Engine Emergency Idle** for abnormal temperature rise of cooling water.
- **Spring-Applied, Hydraulically Released** disc type parking brakes are installed on rear axle and slew motors for safe and reliable braking performance.
- **Console Safety Lockout Lever** disables traveling and operating controls to safely enter and leave the vehicle.



The new TB175W wheel excavator demonstrates years of research by Takeuchi, thorough field tests, and product refinement based on the evaluation by the customers. Designed and engineered with the latest technology in the compact equipment, establishing new standard of wheel type excavator performance, reliability, efficiency and ease of operation.

Ease of operation

- **First and Second Auxiliary Hydraulic Switches** are proportionally controlled at your fingertips.
- **Operable in Either Proportional or Non-Proportional Modes**
- **One Touch Engine Decelerator** installed on the right hand joystick reduces fuel consumption when the excavator is temporarily idle.
- **Site Travel Switch** is conveniently located on the control console to switch the travelling mode easily.
- **Two-Speed Cab Swing** allows the operator to reduce the excavator's swing speed for precise operation in confined areas.
- **Engine Speed** is easily set by feather touch button.
- **Adjustable Steering Wheel System** for best positioning the steering wheel for digging and traveling.



Serviceability

- **New Series Engine** is designed to meet the most strict worldwide exhaust emission standards and provides significantly reduced noise levels for minimal disturbance in urban areas.
- **Full Opening Rear Engine Compartment** enables daily machine servicing conveniently from ground level.
- **Fuel System Automatically Bleeds Air** from fuel lines on a fuel-depleted machine saving on time, tools and unnecessary service calls.
- **Grease Gun Storage Compartment** helps performing proper daily maintenance.

Options

- **TKB401 Hydraulic Breaker** is matched to the excavator's hydraulic flow, pressure and operating capacity, enabling the excavator to efficiently perform concrete breaking and demolition work.
- **Rear Outrigger** is mounted for better machine stability.
- **Fuel Transferring Pump** offers easy fuel refilling on site.
- **Biodegradable Oil** is environment-friendly and highly safe for living organisms.
- **A Third Auxiliary Hydraulic Service Port** is operable in non-proportional mode.



Photos Include Option