

TECHNOLOGY MEETS QUALITY

Takeuchi proactively responds to our customers' needs through world class product design, research and development, manufacturing and after the sale product support.

Welcome to the next generation of Takeuchi Excavators.



Boom Swing
for digging side ditches



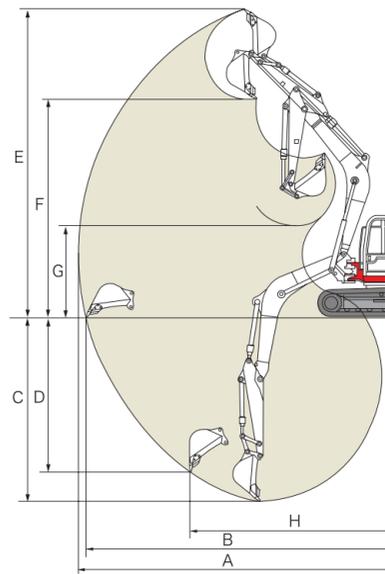
Dozer Blade
for ground levelling



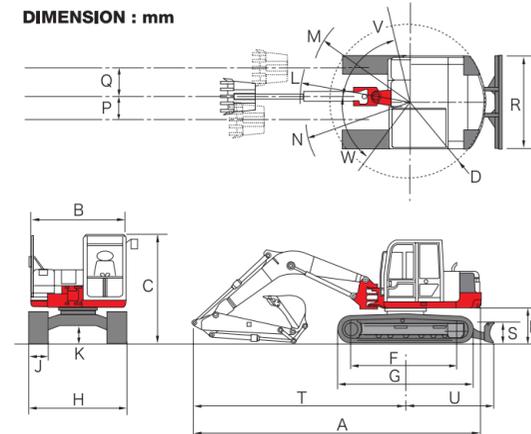
Rubber Tracks
for comfortable operating

PRINCIPLE FEATURES of the TB1140

OPERATING RANGE : mm



DIMENSION : mm



Note: All units in mm

Item	Standard Arm		Long Arm		A	N
	Rubber	Steel	Rubber	Steel		
A	8280	-	8750	-	7725	2665
B	8080	-	8570	-	2460	625
C	4990	5000	5490	5500	2785	760
D	4145	4150	4630	4635	2000	2490
E	8305	8300	8665	8660	920	550
F	5855	5850	6215	6210	2880	5725
G	2335	2330	1850	1845	3590	2340
H	5240	-	5355	-	2490	77°
J	510	500	510	500	500	W
K	490	500	490	500	2855	53°
					M	2255

Specifications

(Cab, Steel Tracked, Standard Arm, Breaker Piping Standard, Fops Cabin) (Option: Rubber Tracked)

Weight	
Machine Weight (kg)	14,230
Bucket	
Bucket Capacity (m ³)	0.34(Struct)/0.45(Heaped)
Bucket Width (mm)	970
Diesel Engine (Water-cooled)	
Model	ISUZU BB-4BG1TRF
Type	4CYL-4CYCL
Rated Output (kW)	62.2/2050rpm
Max.Torque (Nm)	304
Displacement (cc)	4329
Cool Water Capacity (l)	21
Lub.Oil Capacity (l)	15.8(max)
Fuel Tank Capacity (l)	233
Overall Dimension (mm)	
Length (in transport)	7725
Width	2490
Height	2785

Rear Slew Radius	2000
Min.Ground Clearance	450
Performance	
Traction Speed (km/h)	3.0/5.3
Upper Slew Speed (rpm)	13.8
Gradeability (deg)	35°
Max Dig Power bucket (kN)	98.7
Max Dig Power Arm (kN)	64.9
Ground Press (kPa)	41.7
Dozer Blade (mm)	
Width x Height	550x2490
Operating Range up/down	510/490
Off-set Dig Function	
Type	Boom Swing
Swing Angle RH/LH	53°/77°
Traction System (mm)	
Crawler (Track)	Steel

Track Width ST	500
Operating Range: (mm)	
Max. Dig Depth	4990
Max. Vertical Dig Depth	4145
Max. Dump Height	5855
Max. Dig Height	8305
Max. Dig Radius	8280
Max. Floor Dig Radius	8080
Min. Slew Radius	2255
Max. Bucket Offset RH/LH	760/625
Hydraulic System	
Pump Type	Variable(P1+P2)+Gear(P3+P4)
Set Press (Mpa)	34.3x2+23.6+3.9
Discharge (l/min)	106.6x2+51.9+20.5
Breaker & Service Port (l/min)	106.6
Slew Motor	Axial Piston
Traction Motor	Axial Piston
Hydraulic Tank Capacity (l)	95

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.

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Operator Comfort



Isolation mounted cab minimises noise levels and vibration within the operators station for added operator comfort and awareness of the excavator's operating and worksite condition.



Multi-adjustable suspension seat provides for long days of productive operation with minimal operator fatigue.

Short pitch rubber tracks provide vibration free travel even on the roughest ground condition.



Heater / air conditioner provides a comfortable operating environment in all climates.

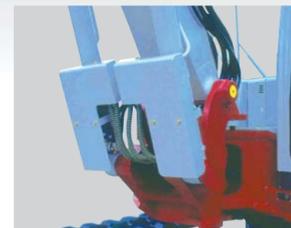
Safety

Emergency engine shutdown / return to idle system helps protect the engine from problems due to low oil pressure or high coolant temperature.

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.

Spring-applied, hydraulically released disc type parking brakes are installed on travel slew motors for safe and reliable braking performance.



Protective routing of bucket and cylinder hoses through the boom bracket virtually eliminates hose abrasion from narrow trench walls and excavation debris. In addition, the hose routing provides an unobstructed view to the work area.



Console safety lockout levers disable travel and operating controls for safe entry and exit from the excavator.



Retractable seat belt is designed for comfort, convenience and encouragement for operator use of this important safety feature.



Side light helps illuminate dark work areas.

Ease of Operation



Hydraulic attachments are operated by momentary push button or proportionally controlled by the slider switch on the joystick.



One touch engine decelerator installed on the right hand joystick reduces fuel consumption when the excavator is temporarily idled.



Engine speed is easily set by feather touch button.

Two-speed travel shift-down system automatically shifts travel speed from high to low speed when ground conditions call for additional traction power, ease of operation.

Boom swing is operated by pedal.

Travel motors are equipped with shock less valves for smooth starts and stops.

Serviceability



The fuel system automatically bleeds air from fuel lines on a fuel-depleted machine saving on time, tools and unnecessary service calls.

Hydraulic test ports are conveniently located for ease of hydraulic system diagnostic testing.

Grease gun storage helps ensure that proper daily maintenance is performed.

Environmental Sensitivity



New series engine is designed to meet the most stringent worldwide exhaust emission standards and also provides significantly reduced noise levels for minimal disturbance in urban areas.



Full opening rear engine compartment allows daily machine servicing to be conveniently accomplished from ground level.

Options

TKB801 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.

2nd and 3rd auxiliary hydraulic service port powers attachments that require multiple hydraulic actuation.

Quick change control pattern selector valve enables operators to quickly choose the operating pattern with which they are most familiar.

Optional long arm increases the excavator's working range.

Fuel transfer pump provides easier machine refuelling.

Immobiliser system protects the machine from theft by requiring ID coded key to start the excavator.

Auxiliary power source on top of cabin allows for easy attachment of a rotating beacon light.

Air suspension seat provides additional operator comfort through an air support system.



1140