



TB250

FULL HYDRAULIC COMPACT EXCAVATOR
Machine Weight : 4890kg

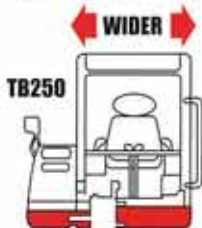
TAKEUCHI



TB250 FULL HYDRAULIC COMPACT EXCAVATOR

OPERATOR COMFORT

EVOLUTION OF TECHNOLOGY



● **6-WAY MULTI-ADJUSTABLE SUSPENSION SEAT** and retractable seat belt

● **ROLL UP FRONT WINDOW** with gas spring lift assist cylinder

● **INTERIOR IMPROVEMENTS** include cup holders, and storage compartments.

● **RADIO WITH AUXILIARY JACK** for Mp3 player (CABIN)

● **CABIN COMES STANDARD WITH HEATER** with an option for air conditioner

● **UPDATED AND EASY TO READ MONITOR** that is equipped with audible and visual warnings in the event of an abnormal decreases in engine lubrication pressure or excessive engine coolant temperature.

● **LARGE, ADJUSTABLE ARM RESTS**



● **SHORT PITCH RUBBER TRACKS**

● **DOUBLE FLANGED TRACK ROLLERS** provide increased roller / rail contact



● **ISOLATION MOUNTED PLATFORM** minimizes noise and vibration

● **SPACIOUS AND COMFORTABLE** operator's compartment with a clear, panoramic view. Cabin is 12% larger than previous models

● **TWO REAR VIEW MIRRORS** (CABIN)

SERVICEABILITY

EVOLUTION OF TECHNOLOGY



● **TILT FORWARD OPERATOR PLATFORM** is quickly and easily raised for optimum machine serviceability. Maintenance and repair time are significantly reduced through quick and unencumbered access to the inside of the machine.

● **BATTERY, WATER SEPARATOR AND MAIN FUSES** are easily replaced

● **GREASE GUN** storage compartment

● **SIDE-BY-SIDE RADIATOR** and hydraulic oil cooler with tilt up side cover

● **NEW TYPE FUEL FILTERS** have longer service interval times

● **INTEGRATED TIE DOWN POINTS**

● **BULKHEAD STYLE HYDRAULIC FITTINGS** for the boom and dozer blade for quick and easy hose changes.

ENVIRONMENTAL SENSITIVITY

New emissions compliant engines are designed to meet the most strict exhaust emission standards worldwide



EASE OF OPERATION

EVOLUTION OF TECHNOLOGY

● **PROPORTIONAL AUXILIARY HYDRAULIC CONTROL**
(Please refer to the "OPTION")

● **PUSH BUTTON DECEL SYSTEM** with optional auto decel

● **TWO-SPEED TRAVEL SWITCH**

is conveniently located on the right hand travel lever

● **TWO SPEED TRAVEL WITH AUTOMATIC STEP DOWN TRAVEL MOTORS**

● **CUSHIONED BOOM SWING** cylinders



SAFETY

EVOLUTION OF TECHNOLOGY

● **ROPS/FOPS**
Certified cab/canopy

● **CAST IRON WRAP-AROUND COUNTERWEIGHT** protects the engine compartment from damage when working in confined areas

● **FRONT AND REAR MOUNTED LIGHTS** improve job site safety conditions

● **SPRING APPLIED, HYDRAULICALLY RELEASED** wet disk brake for travel and slew motors

● **AUDIBLE AND VISUAL WARNINGS** in the event of an abnormal decreases in engine lubrication pressure or excessive engine coolant temperature.



● **SAFETY LOCKOUT LEVER** for travel and operating controls

● **BUCKET CYLINDER HORSES** are routed through the arm for increased protection against abrasion and damage

● **PILOT CIRCUIT FILTER**

● **BOOM CIRCUIT LOCK-VALVE**

OPTIONS

EVOLUTION OF TECHNOLOGY

SERVICE PORT

- SERVICE PORT 1 (STANDARD) (NORMAL / HIGH-FLOW TYPE)
- SERVICE PORT 2 (OPTION)
- SERVICE PORT 3 (OPTION)
(NORMAL OR HIGH PRESSURE TYPE)

SERVICEABILITY

- DUAL AIR FILTER ELEMENT

HOLDING VALVE

- BOOM HOLDING VALVE
- ARM HOLDING VALVE

OPERATOR COMFORT

- AIR CONDITIONER (CABIN)
- ASH TRAY (CABIN)
- WORK LIGHT FRONT X 2
- WORK LIGHT REAR X 1 (CABIN)
- AUTO DECEL SYSTEM (STANDARD : MANUAL / OPTION : AUTO)



OTHER OPTIONS

- AUXILIARY HYDRAULIC CONTROL FOR SERVICE PORT 1
- STANDARD : BY BUTTON ON LEFT LEVER



- OPTION(1) :
BY FOOT SWITCH
(ON / OFF)



- OPTION(2) : BY PROPORTIONAL
SLIDE CONTROL ON LEFT LEVER

- CONTROL PATTERN SELECTOR VALVE
- LONG ARM / MIDDLE ARM
- STEEL CRAWLER
- RUBBER PAD CRAWLER
- ACCUMULATOR
- AIR BREATHER FOR HYDRAULIC OIL
- BATTERY DISCONNECT SWITCH
- TRAVEL ALARM
- ARM-IN RESTRICTION SYSTEM
- WIDE STEEL CRAWLER
(600 mm)

- BREAKER (TKB301)



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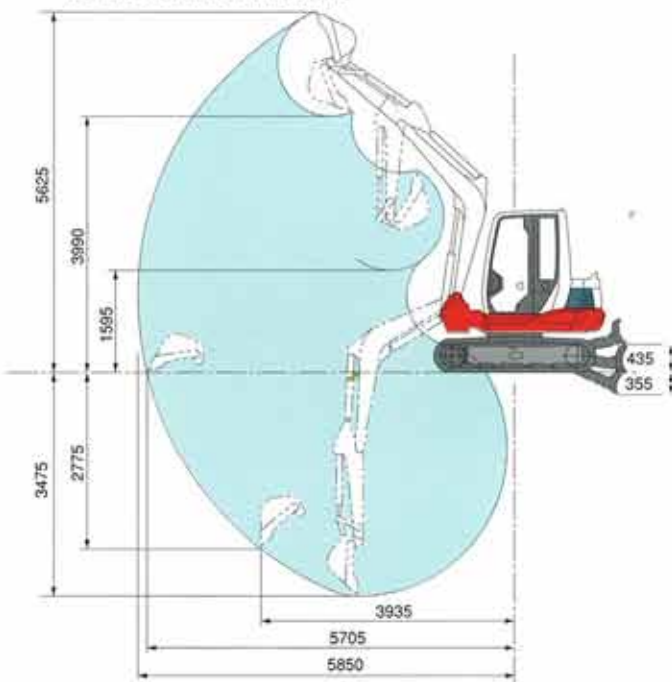
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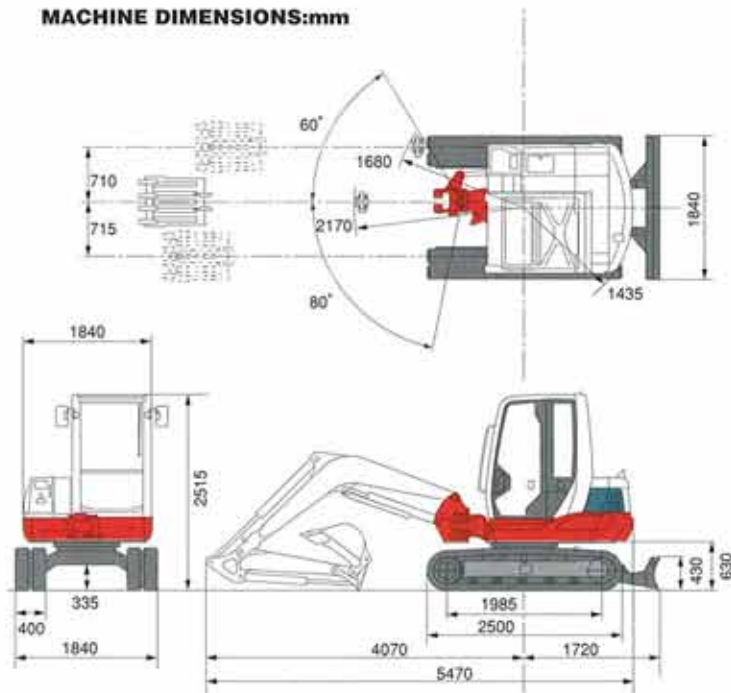


TAKEUCHI FULL HYDRAULIC COMPACT EXCAVATOR **TB250**

OPERATING RANGES:mm



MACHINE DIMENSIONS:mm



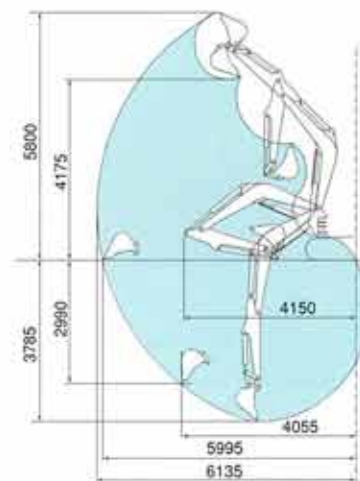
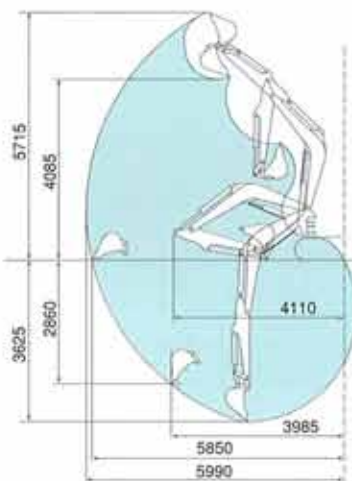
MIDDLE ARM

LONG ARM



TB250

FULL HYDRAULIC COMPACT EXCAVATOR



SPECIFICATIONS TB250 (Cab, Rubber Tracked, Standard Arm, Breaker Piping Standard)

Weight		Fuel Tank L 73		HYDRAULIC SYSTEM	
Machine Weight	kg	Canopy	Cabin	Pump type	Variable x 2 + Gear x 2
		4750	4890	Set Pressure	MPa 21.0 x 2 + 19.6 x 1 + 3.4 x 1
Bucket		PERFORMANCE		Discharge	L/min 58.3 x 2 + 38.9 x 1 + 10.8 x 1
Bucket Capacity (Heaped)	m ³ 0.141 (Heaped)	Traction Speed	km/h 2.8 / 5.2	Slew Motor	Piston Motor
Bucket Width	mm 640	Upper Slew Speed	min ⁻¹ 9.8	Traction Motor	2-Speed Piston Motor
Diesel Engine (Water-Cooled)		Gradeability	degrees 30°	Hydraulic Oil Capacity	52 (Level) / 88 (System)
Model	4TNV88	Max Dig power	Bucket kN 37.2	SAFETY	
Cylinders / Type	4/4CYCL	Max Dig power	Arm kN SSA: 25.9 MSA: 24.3 LSA: 22.9	ROPS / FOPS (CABIN / CANOPY)	ROPS / FOPS
Rated Power	kW 28.4/2,400 min ⁻¹	Ground Pressure	kPa Canopy 27.3 Cabin 28.1	Option & Equipments	
Maximum Torque	N-m 131.8-143.4	OFF-SET DIG FUNCTION		Service Port 1 L/min/MPa	58.3 / 20.6
Displacement	mL 2185	Type	Boom Swing	Service Port 2 L/min/MPa	38.9 / 19.6 (Option)
Engine Coolant	L 12.4	TRACTION SYSTEM : mm		Service Port 3 L/min/MPa	10.8 / 3.4 (Option)
Engine Oil	L 7.4	Type	Rubber / Steel		

TAKEUCHI

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