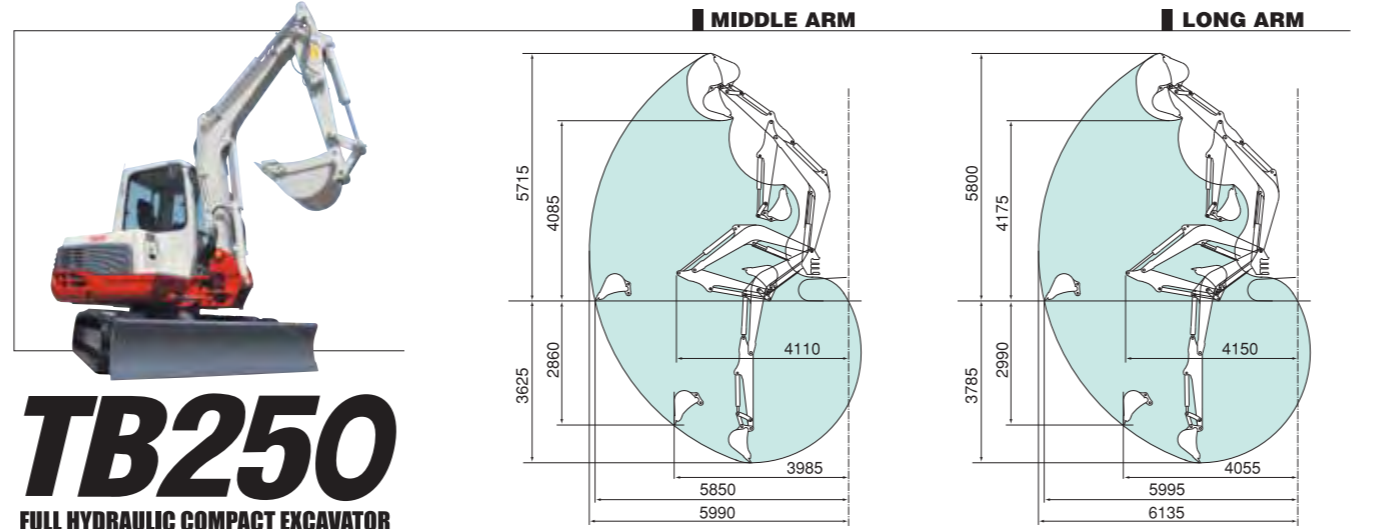
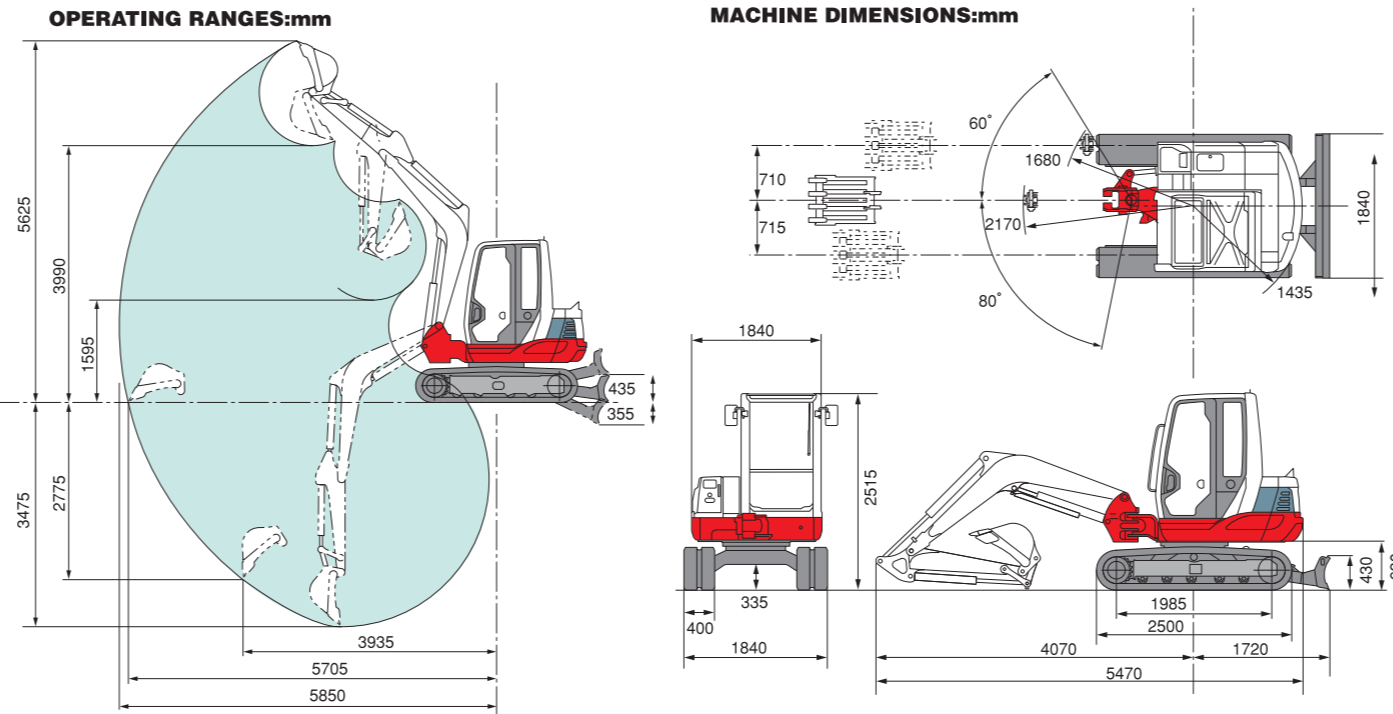


TB250

FULL HYDRAULIC COMPACT EXCAVATOR
TAKEUCHI

TAKEUCHI FULL HYDRAULIC COMPACT EXCAVATOR **TB250**



TB250 FULL HYDRAULIC COMPACT EXCAVATOR

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

Weight		Canopy		Cabin		PERFORMANCE		Slew Motor		Piston Motor	
Machine Weight	kg	4750	4890			Traction Speed	km/h	2.8 / 5.2	Traction Motor	2-Speed Piston Motor	
Bucket		0.141 (Heaped)				Upper Slew Speed	min ⁻¹	9.8	Hydraulic Oil Capacity	52 (Level) / 88 (System)	
Bucket Capacity (Heaped)	m ³	640				Gradeability	degrees	30°	SAFETY		
Bucket Width	mm					Max Dig power Bucket	kN	37.2	ROPS / FOPS (CABIN / CANOPY)		ROPS / FOPS
Diesel Engine (Water-Cooled)		4TNV88				Max Dig power Arm	kN	SSA: 25.9 MSA: 24.3 LSA: 22.9	Option & Equipments		
Model						Ground Pressure	kPa	Canopy 27.3 Cabin 28.1	Service Port 1	L/min/MPa	58.3 / 20.6
Cylinders / Type		4/4CYCL				OFF-SET DIG FUNCTION		Type	Service Port 2	L/min/MPa	38.9 / 19.6 (Option)
Rated Power	kW	28.4/2,400 min ⁻¹				TRACTION SYSTEM : mm		Type	Service Port 3 Aport		10.8 / 3.4 (Option)
Maximum Torque	N·m	131.8-143.4						Type	Service Port 3 Bport		38.9 / 19.6 (Option)
Displacement	mL	2185						HYDRAULIC SYSTEM		Vibration levels (EN 12096:1997)	
Engine Coolant	L	12.4						Pump type	Hand/Arm		≤ 2.5m/s ²
Engine Oil	L	7.4						Set Pressure	Body		≤ 0.5m/s ²
Fuel Tank	L	73						Discharge			
Electric System		12V/40A									

TAKEUCHI

WORLD CREATOR OF COMPACT EXCAVATOR
TAKEUCHI MFG.CO.,LTD.
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Nagano 389-0605,Japan
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In accordance with our established policy of constant improvement, we reserve the right to amend this specification at any time without notice. Printed in Japan. TB131230



TB250

FULL HYDRAULIC COMPACT EXCAVATOR
Machine Weight : 4890kg

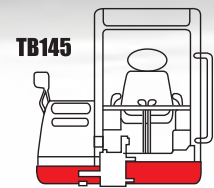
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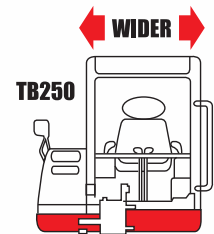
TB250 FULL HYDRAULIC COMPACT EXCAVATOR



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
- **INTEGRATED TIE DOWN POINTS**
- **BULKHEAD STYLE HYDRAULIC FITTINGS** for the boom and dozer blade for quick and easy hose changes.



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

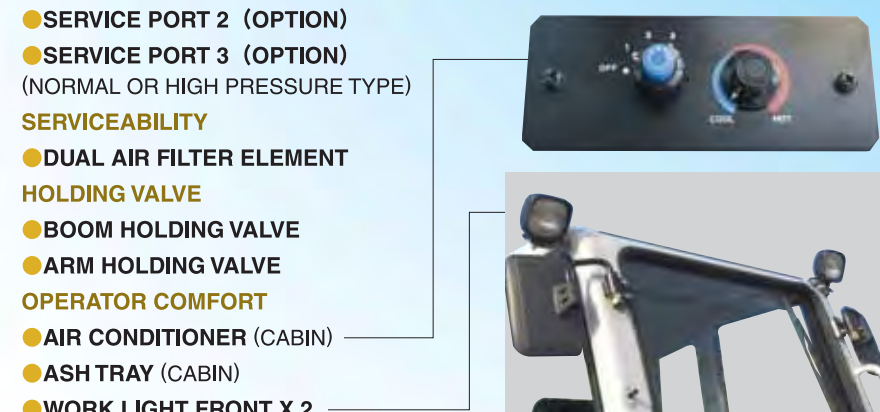
- **ROPS/FOPS** Certified cab/canopy
- **CAST IRON WRAP-AROUND COUNTERWEIGHT** protects the engine compartment from damage when working in confined areas
- **FRONT AND REAR MOUNTED LIGHTS** improve job site safety conditions
- **SPRING APPLIED, HYDRAULICALLY RELEASED** wet disk brake for travel and slew 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)

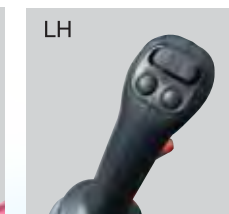


- **SERVICEABILITY**
- **DUAL AIR FILTER ELEMENT**
- **HOLDING VALVE**
- **BOOM HOLDING VALVE**
- **ARM HOLDING VALVE**
- **OPERATOR COMFORT**
- **AIR CONDITIONER** (CABIN)
- **ASH TRAY** (CABIN)
- **WORK LIGHT FRONT X 2**
- **WORK LIGHT REAR X 1** (CABIN)
- **AUTO DECEL SYSTEM** (STANDARD : MANUAL / OPTION : AUTO)



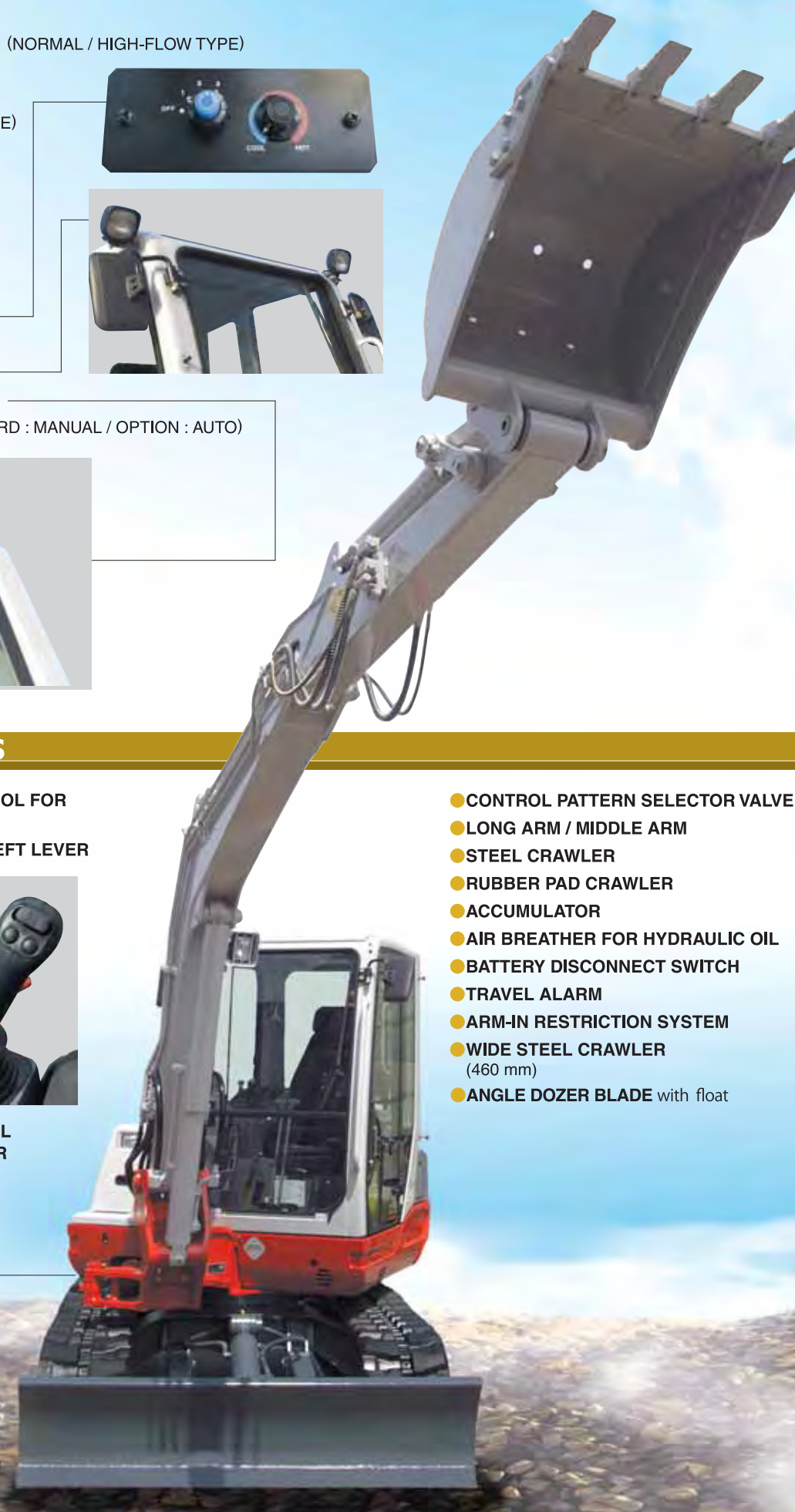
OTHER OPTIONS

- **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**

TB250 FULL HYDRAULIC COMPACT EXCAVATOR



- **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** (460 mm)
- **ANGLE DOZER BLADE** with float