



FULL HYDRAULIC COMPACT EXCAVATOR

basic specifications / Dimensions		CANOPY	CABIN	Hydraulic Pertormance	
Machine Mass (Long Arm)	kg	1695	1790	Pump type	Variable × 2 + Gear × 2
Bucket Capacity	m3	0.038	38	Flow Rate P1, P2 L/min	16.8×2
Engine Manufacturer	1	YANMAR	MAR	Set Pressure P1, P2 MPa	21
Engine Model	1	3TNV70	02/	Flow Rate P3 L/min	10.8
Rated Output (ISO 9249)	ΚW	111.1	1	Set Pressure P3 MPa	20
Rated Speed	mirr1	2400	01	Flow Rate P4 L/min	6.5
Fuel Tank Capacity	-	22		Set Pressure P4 MPa	3.4
Overall Length in Transport Condition	шш	3870	0.	Service Port 1 L/min / MPa	33.6/21
Overall Width in Transport Position	шш	382	1055	Service Port 2 L/min / MPa	10.8/20
Overall Height in Transport Condition	mm	2275	2360	Service Port 3 L/min / MPa	6.5(10.8)/3.4(20)
Crawler Length	шш	1520	0	Slew Speed min-	9.2
Undercarriage Width	mm	980/1300	300	Travel Speed km/h	4.2/2.2
Retractable Track Width	mm	980/1300	000	Maximum Traction Force (Calculated) kN	19.4
Dozer Blade Width × Height	шш	980/1300×310	0x310	Automatic Travel Speed Shifting	0
Rear-end Swing Radius	mm	1075	9	Slew / Travel Parking Brake	0/0
Track Shoe Width	шш	230		Equipment	
Ground Clearance of Undercarriage	шш	205		Monitoring Display	0.000
Operating Ranges (Long Arm) / Digging Force	sging Fo	rce		(Items/Fuel Gauge/Coolant Temperature)	CCO//ON
Maximum Digging Depth	шш	2390	9	Blade Width Extension	0
Maximum Reach	ww	4090	01	12V Power Socket	0
Boom Swing Angle Left / Right	Вар	80/20	20	Tail Lamp	0
Dozer Blade Operating Range Upper / Lower mm	uu u	390/365	365	ROPS/TOPS/FOPS/OPG Cab	(T90)0/0/0/0
Bucket Digging Force	ķ	14		Tie Down	0
Long Arm Digging Force	kN	8.2	0.1	Vibration levels(EN 12096:1997)	
ong Am Length	ww	1130	01	Hand/Arm	≤2.5m/s²
Boom Cylinder I avout		Rear	JE	Body	≥0.5m/s²

# JAKEUCHI

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**Takeuchi** 



## SPECIAL FEATURES

- Powerful Yanmar engine (11.1 kW)
  Boom cylinder is located behind the boom
  Retractable under carriage
- Accumulator (option)
  Roll up front window with gas
- spring lift assist cylinder (cabin)

  Standard long blade
- Automatic travel speed shifting
  One way or two way
- switching for auxiliary circuit return line (option)









CABIN





Wide open engine cover
Sight gauge for fuel and hydraulic fluid levels Easier access to radiator

### SAFETY

Audible and visual warning with LCD monitor Boom and cabin / canopy mounted lights
Anti drift valve prevents boom from down overtime
ROPS / FOPS certified cabin / canopy provides operator
protection from machine rollover and falling object

Boom / Arm holding valve when the hose of the arm cylinders are ruptured and the boom falls, the emergency shut-off valve is activated and stops the boom part way through the fa∎(option)

### SERVICEABILITY



EVOLUTION OF TECHNOLOGY

# Three auxiliary flows Service port 1 : Standard by pedal control Service port 2 : Proportional control at

right hand lever (option) Service port 3 : Trigger at left hand lever and foot switch for quick coupler(option)



EASE OF OPERATION



HYDRAULICALLY ADJUSTABLE TRACK FRAME

THE TB216

enables the excavator, when in the retracted position, to squeeze through narrow openings. In the wide position, the excavator gains added stability for heavy excavating, over the side digging, attachment operation and work on uneven terrain. The advantages of two sizes of excavators in single machine.

EVOLUTION OF TECHNOLOGY

OPTIONS

EVOLUTION OF TECHNOLOGY

■ Service port 2 / Service port 3 ■ Boom holding valve / Arm holding valve ■ Travel alarm ■ Accumulator ■ Double air cleaner element 2-Way Control Lever

One way or two way switching for auxiliary circuit return line