

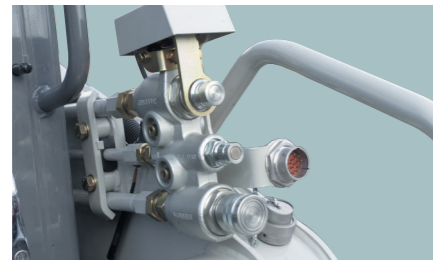


TAKEUCHI

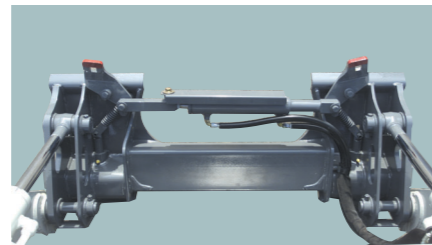
OPTIONS



- HIGH-FLOW Hydraulics (TL230/240/250)
- ENGINE PRE-CLEANER
- MULTI FUNCTIONAL GRIP with a 14 pin connector for easy control of attachments



- FLAT FACE STYLE QUICK COUPLERS for auxiliary hydraulics (SERVICE PORT)



- HYDRAULIC QUICK HITCH for easy attachment changes from the operator's seat



- AIR CONDITIONER



- FOOT THROTTLE



- 14 PINS CONNECTOR

TL Series TAKEUCHI

220 230 240 250

RUBBER TRACK LOADER



SPECIFICATIONS TL SERIES

Model	TL220	TL230	TL240	TL250
DIMENSIONS & WEIGHT				
Operating Weight : kg	2855 (2795)	3800 (3710)	4595 (4505)	5300 (5195)
BUCKET				
Capacity (SAE Heaped) : m ³	0.298	0.351	0.458	0.579
PERFORMANCE				
Tipping Load (SAE 732) : kg	1610	2100	2700	3200
Operating Load (SAE J818) : kg	565	735	945	1120
Breakout Force Bucket Cylinders : kN	21.4	29.9	32.9	38.5
Breakout Force Lift Arm Cylinders : kN	22.4	29.8	33.0	38.0
CYCLE TIME : s				
Raise - Full Load	3.7	4	4.4	4.6
Lower - No Load	2.7	2.6	2.9	2.8
Dump - Full Load	2.6	2.6	3.1	3.1
Curf - Full Load	1.9	1.9	2.1	2.3
ENGINE				
Model	Yanmar 4TNV84T	Yanmar 4TNV98	Yanmar 4TNV98T	KUBOTA V3800D1-T
Rated Power	38.2 / 2800	50.1 / 2500	61.9 / 2500	68.3 / 2600
Maximum Torque : N·m/min-1	149.4 - 162.8	222.7 - 242.5	272.6 - 296.6	313.7
Cylinders / Displacement	4 / 1995	4 / 3319	4 / 3319	4 / 3769
Engine Oil : L	7.4	10.2	10.2	13.2
Engine Coolant : L	11	16.5	16.5	16.5
Fuel Tank : L	57	75	90	108
Electric System	12V / 40A	12V / 40A	12V / 40A	12V / 80A
HYDRAULIC SYSTEM				
Hydraulic Tank : L	29	39	49	60
Hydraulic System : L	45	58	75	95
Auxiliary Hydraulic Flow : L / min	57	69	75	88
Hi-Flow (OPTION) : L / min	-	126	138	152
System Operating Pressure : MPa	20.6	20.6	20.6	20.6
UNDERCARRIAGE				
Traction Motor Type	Piston Motor			
Traction Force	14.8 kN x 2	20.25 kN x 2	24.6 kN x 2	30.6 kN x 2
Track Type / Track Rollers Each Side	4	5	5	6
Ground Pressure : kPa	32.8 (32.1)	36.6 (35.7)	29.4 (28.8)	32.0 (31.3)
Travel Speed : km / h	6.5 / 9.3	7.3 / 10.9	7.6 / 11.6	7.8 / 12.0

TAKEUCHI

WORLD CREATOR OF COMPACT EXCAVATOR
TAKEUCHI MFG.CO.,LTD.
 205, Uwadaira, Sakaki-machi, Hanisina-gun,
 Nagano 389-0605, Japan
 Phone (81)268-81-1112
 Telefax (81)268-81-1121
 URL <http://www.takeuchi-mfg.co.jp>
 E-mail: marketing@takeuchi-mfg.co.jp

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. TK 080350



TAKEUCHI

TAKEUCHI

All excavators and loaders share our commitment to the highest standards in quality and performance. Look beyond the specifications of the TL220,230,240,250 and you will find a rich set of features which make the TL220,230,240,250 reliable to own, comfortable to operate and a performance leader on the job.

TL220



TL230



TL240



TL250



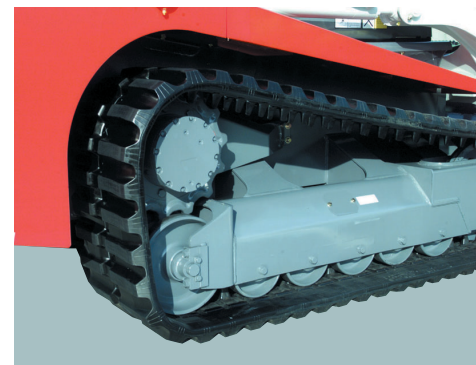
TL RUBBER TRACK LOADER 220 230 240 250 SERIES



OPERATOR COMFORT



- **SPACIOUS AND COMFORTABLE** operator's compartment allows for productive and fatigue-free operation
- **SIX WAY ADJUSTABLE SUSPENSION SEAT** and retractable seatbelt
- **ROLL UP FRONT DOOR** equipped with gas spring lift assist cylinders (Cabin) (TL230/TL240/TL250)
- **SHORT PITCH RUBBER TRACKS**
- **RADIO WITH AUXILIARY JACK** for Mp3 player (Cabin)
- **FRONT AND REAR WORK LIGHTS**
- **STURDY GRAB HANDLES AND STEPS** for safe entry and exit from the operator's compartment.



SERVICEABILITY



- **TILT-BACK OPERATOR'S COMPARTMENT**
- **GREASE TYPE TRACK TENSION ADJUSTERS**
- **SIDE-BY-SIDE RADIATOR** and hydraulic oil cooler that is hinged for easier maintenance
- **RETURN HYDRAULIC FILTER** incorporated into the tank
- **REAR HOISTING (LIFTING) HOOKS** incorporated into the frame of the machine
- **DUAL ELEMENT AIR CLEANER** that can be tilted up during maintenance for easy access to the filter elements



SAFETY

- **ROPS/FOPS certified cab and canopy**
- **SPRING APPLIED, HYDRAULICALLY RELEASED MULTIPLE WET DISK PARKING BRAKE** that is automatically released when the safety lap bar is in the down position
- **EASY TO READ MONITOR** that is equipped with audible and visual warnings in the event of an abnormal decrease in engine lubrication pressure or excessive engine coolant temperature
- **OPERATOR SAFETY BAR** with integrated arm rest that locks out travel and operating controls when raised
- **LIFT ARM SUPPORT** for safe maintenance of the machine when the lift arms are raised
- **LOCKABLE ENGINE COMPARTMENT** fuel cap for vandalism protection

ENVIRONMENTAL SENSITIVITY

- **NEW EMISSIONS COMPLIANT ENGINES** are designed to meet the most strict exhaust emission standards worldwide



EASE OF OPERATION

- **TRACK UNDERCARRIAGE** provides the flotation needed for working in muddy or loose ground conditions and delivers the traction required for excavating tough materials
- **HYDRAULIC DRIVE SYSTEM** is directly coupled with planetary final drives for a durable and efficient power transfer system
- **PILOT OPERATED JOYSTICKS** provide precise control of loader and travel functions
- **PROPORTIONAL AUXILIARY HYDRAULIC CONTROL** with detent
- **ONE AND TWO-WAY AUXILIARY HYDRAULICS** allow the use of many types of attachments
- **ARM FLOAT WITH DETENT**
- **LOW AND HIGH RANGE TRAVEL**
- **HYDRAULIC SELF-LEVELING BUCKET**
- **UNIVERSAL QUICK ATTACH MOUNTING BRACKET** for quick exchange to multiple attachments



■ **MULTI FUNCTIONAL GRIP (OPTION)**