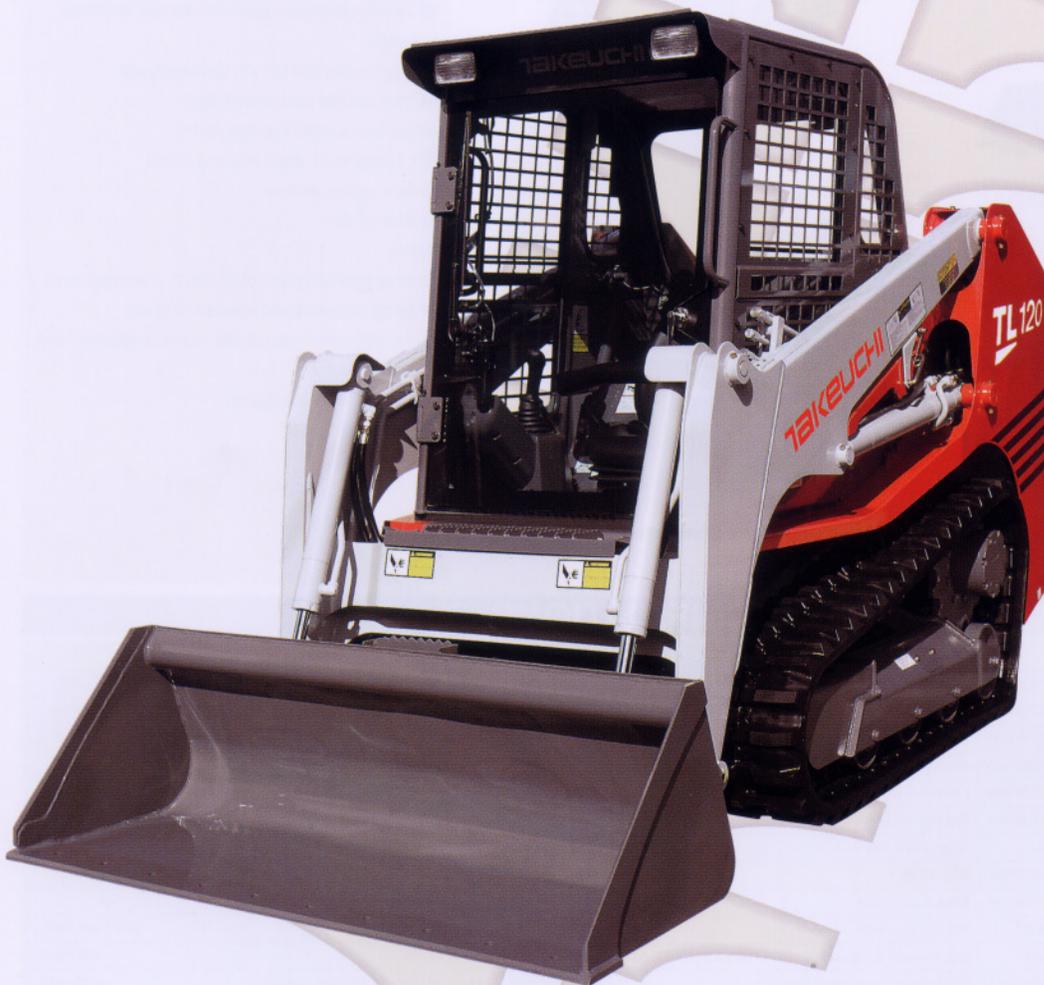


# TL120

## Rubber Track Loader

- Engine Horsepower: 38.5kW/2800 min<sup>-1</sup>
- Operating Weight: 2755kg
- Tipping Load: 1600kg
- Bucket Breakout Force: 21.4kN



All **TAKEUCHI** excavators and loaders share our commitment to the highest standards in quality and performance. Look beyond the specifications of the **TL120** and you will find a rich set of features which make the **TL120** reliable to own, comfortable to operate and a performance leader on the job.

When you invest in a **TAKEUCHI**, you receive over 4 decades of compact track equipment innovation, the quality assurance of ISO-9001 certification and responsive after sales support from a specialized industry leader.

Try a **TAKEUCHI** today and experience the difference for yourself.

# TAKEUCHI

Rubber tracks combine the capabilities of a track loader with the versatility of operation on improved surfaces.

Tilt-back operators compartment offers quick and easy access to the engine and hydraulic system.

Emergency engine shutdown system helps protect the engine from damage due to low oil pressure or high coolant temperature.

Pilot operated joystick controls provide precise, fingertip control of loader and travel functions.

Hydrostatic drive system is directly coupled with planetary final drives for a durable and efficient power transfer system.

Track undercarriage provides the flotation needed for working in muddy or loose ground conditions and delivers the traction required for excavating tough materials.

Spacious and comfortable operators compartment allows for productive and fatigue-free operation.

# TAKEUCHI TL120

## Rubber Track Loader



Track Undercarriage Provides Stable Work Platform



Tilt-Back Operator's Compartment for Easy Service Access

### standard features

- Low and high range travel speed
- 300mm wide rubber tracks
- Planetary final drives with spring applied, hydraulically released disc brakes
- ROPS/FOPS tilt-back operators compartment
- Operators compartment entry and exit grab handles and steps
- Pilot operated joystick controls
- Electrohydraulic push button control of auxiliary hydraulics with detent
- One and two-way auxiliary hydraulics
- Emergency engine shutdown system
- Electronic engine monitoring system
- Dual element air cleaner
- Hydraulic self-leveling bucket
- Automatic fuel bleed system
- Six-way adjustable suspension seat with retractable seat belt
- Rear pivoting seat bar with built-in armrests
- Front and rear halogen work lights
- Two cab mounted rear view mirrors
- Universal quick attach mounting bucket
- Rear and top windows
- Back-up alarm
- Horn
- Electrohydraulic push button control of arm float circuit
- Swing out radiator and hydraulic oil cooler
- Vandalism protected lockable engine compartment and fuel tank
- Grease-type track adjusters
- Lift arm safety stop

### MACHINE SPECIFICATIONS

DIMENSIONS & WEIGHT		Operating Capacity SAE J818		HYDRAULIC SYSTEM	
Operating weight	2755(2700)kg	Breakout force bucket cylinders	21.4kN	Hydraulic reservoir capacity	29L
Overall width without bucket	1470mm	Breakout force lift arm cylinders	22.4kN	Auxiliary hydraulic flow	57L/ min
Overall height	1970mm	<b>CYCLE TIME</b>		System operating pressure	20.6MPa
Overall length with bucket	3220mm	Raise - full load	3.6 s	<b>UNDERCARRIAGE</b>	
Front clearance radius with bucket	1995mm	Lower - no load	2.4 s	Traction motor type	Piston motor
Rear clearance radius	1470mm	Dump - full load	2.6 s	Traction drive type	Planetary
Angle of departure	29°	Curl - full load	1.7 s	Traction force	14.8kN X 2
Maximum lift height to bucket pin	2905mm	<b>ENGINE</b>		Traction brake type	Spring applied
Dump height fully raised	2275mm	Make / model	Yanmar/4TNV84T	Track rollers (per side)	4
Max. dump angle fully raised	38.5°	Rated Output	38.5kW / 2800min <sup>-1</sup>	Shoe type	Crawler belt
Max. bucket rollback at ground level	30.4°	Maximum torque	153.6 ~ 167.1N·m/ 1680min <sup>-1</sup>	Shoe width	300mm
Reach fully raised	590mm	Cylinders /displacement	4 / 1995mL	Track ground contact length	1240mm
<b>BUCKET</b>		Engine lubrication	7.4 L	Ground pressure	32.5(31.8)kPa
Width	1600mm	Cooling system	11 L	Travel speed	6.5/ 9.3km/ h
Capacity SAE Heaped	0.298m <sup>3</sup>	Fuel tank capacity	58 L	Minimum ground clearance	250mm
<b>PERFORMANCE</b>		Fuel consumption (65% of full load)	7.5 L / h	(CANOPY MODEL)	
Tipping load SAE 732	1610kg	Electrical system	12V/ 40A	*Operating capacity to equal no more than 35% of tipping load.	

WORLD CREATOR OF COMPACT EXCAVATOR

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