

TL120

**Takeuchi**<sup>®</sup>*The Power of Product and Support*

*All Takeuchi loaders share our commitment to the highest standards in quality and performance. They are engineered with the power and strength of a track loader in an agile and maneuverable size. The specifications and features make the TL 120 reliable to own, comfortable to operate and a performance leader on the job.*

*When you invest in a Takeuchi, you receive over five decades of equipment innovation, the quality assurance of ISO-9001 certification and responsive after sales support from an industry leader.*

*Try a Takeuchi and feel the power.*

**TL120 Rubber Track Loader**

# TL120 Rubber Track Loader

- Rubber tracks combine the capabilities of a track loader with the versatility of operation on improved surfaces
- Tilt-back operator's 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 double reduction 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

## DIMENSIONS AND WEIGHT

Operating Weight (lbs).....	5,952
Overall Width Without Bucket.....	57.9"
Overall Height (Canopy/Cab).....	77.6"
Overall Length With Bucket.....	126.8"
Front Clearance Radius With Bucket.....	78.6"
Rear Clearance Radius.....	57.9"
Angle of Departure.....	29°
Maximum Lift Height to Bucket Pin.....	114.4"
Dump Height Fully Raised.....	89.6"
Max. Dump Angle Fully Raised.....	38.5°
Max. Bucket Rollback at Ground Level.....	30.4°
Reach Fully Raised.....	23.1"

## PERFORMANCE

Tipping Load (lbs) ISO 14397.....	3,549
Operating Capacity (lbs)* ISO 14397.....	1,246
Breakout Force (lbs) Bucket Cylinders.....	4,821
Lift Arm Cylinders.....	5,042

## CYCLE TIME

Raise-Full Load (seconds).....	3.6
Lower-No load (seconds).....	2.4
Dump-Full Load (seconds).....	2.6
Curl-No load (seconds).....	1.7

## HYDRAULIC SYSTEM

Hydraulic Reservoir Capacity (gal).....	7.71
Auxiliary Hydraulic Flow (gpm).....	15.1
Auxiliary Hydraulic Pressure (psi).....	3,000

## ENGINE

Make/Model.....	Yanmar 4TNV84T
Horsepower/RPM (SAE gross).....	52 / 2,800
Maximum Torque (ft-lb/rpm).....	123 / 1,680
Cylinders/CID.....	4 / 119.3
Engine Lubrication (qt).....	7.8
Cooling System (qt).....	11.6
Fuel Tank Capacity (gal).....	15.3
Fuel Consumption (65% of full load) gal/hr.....	2.0
Electrical System (volt/amp).....	12 / 40

## UNDERCARRIAGE

Traction Motor Type.....	Piston
Traction Drive Type.....	Planetary
Traction Force (lbs).....	6,634
Traction Brake Type.....	Spring Applied Hydraulic Released
Track Rollers (per side).....	4
Track Type.....	Rubber Crawler Belt
Track Width.....	11.8"
Track Ground Contact Length.....	48.9"
Ground Pressure (psi).....	4.6
Travel Speed (mph).....	5.8 / 4.0
Minimum Ground Clearance.....	9.8"

## BUCKET (not included with base machine)

Width.....	67.5"
Capacity SAE Heaped (cu ft).....	14.0
Width.....	59.5"
Capacity SAE Heaped (cu ft).....	12.5

## OPTIONS

48" Pallet Forks
Enclosed Cab w/Heater, Air Conditioning, Wind-shield Wiper, Swing-out Door

\* Operating capacity of track loader to be rated according to ISO 14397 at no more than 35% of tipping load

## STANDARD FEATURES

- Low and high range travel speed
- 11.8" wide rubber tracks
- Planetary final drives with spring applied, hydraulically released disc brakes
- ROPS/FOPS tilt-back operator's compartment
- Operator's compartment entry and exit grab handles and steps
- Pilot operated joystick controls
- Electrohydraulic push-button and proportional 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 bracket
- Rear and top windows
- Back-up alarm
- Horn
- Electrohydraulic push button control of boom 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