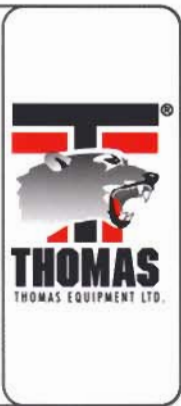




Go Anywhere

T320

HP Gross, hp (kw)	87.4 (65.2)
Track Width, mm (in)	457 (18)
Hyd. Pump Output, lpm (gpm).....	79.5 (21.0)
High Flow Hyd. (Optional), lpm (gpm)....	151.4 (40)
Breakout Force, kg (lbs)	3175 (7000)
Travel Speed, km/h (mph)	19.8 (12.3)
Two-Speed Transmission	Standard
5-Year Warranty*	Standard





The Thomas Advantage

High Speed –

The Model T320 is the fastest tracked loader available, bar none. Its shift on-the-go two-speed transmission provides you with a high torque low speed work range and high speed 19.8 km/h (12.3 mph) travel range that ensures quick and efficient cycle times. That's almost twice the speed of most track loaders.

Performance Plus –

The Thomas T320 operates as a track loader should, providing you quick and nimble turn-on-a-dime performance regardless of ground conditions. And, when it comes to climbing over jobsite obstacles the Model T320's large diameter sprocket design provides a higher angle of attack, allowing it to easily scale whatever's in its path.

Fully Protected Drive –

Unlike all other track loaders where the track-drive motors and hoses are mounted out in the open where they can be damaged by the work environment, the Thomas drive system is totally enclosed inside the loader and fully protected from damage.

Oversize Drive Sprockets –

Thomas' exclusive large diameter open roller design eliminates the constrictions of small diameter sprocket drive systems and provides many new performance benefits. Because the track on the Thomas is engaged with the sprockets a full 180 degrees, track slippage or ratcheting is eliminated, increasing track life. In addition, the Model T320's wide sprocket design provides full support across the full width of the 457 mm (18 in) track.

Heavy Track Design –

The Model T320's large diameter sprockets allow the track to be made thicker with a longer pitch than most tracks on the market. The Thomas track, which contains no steel in its construction, is a full 64 mm (2.5 in) thick and made of hard Duro 90 rubber for extended wear.

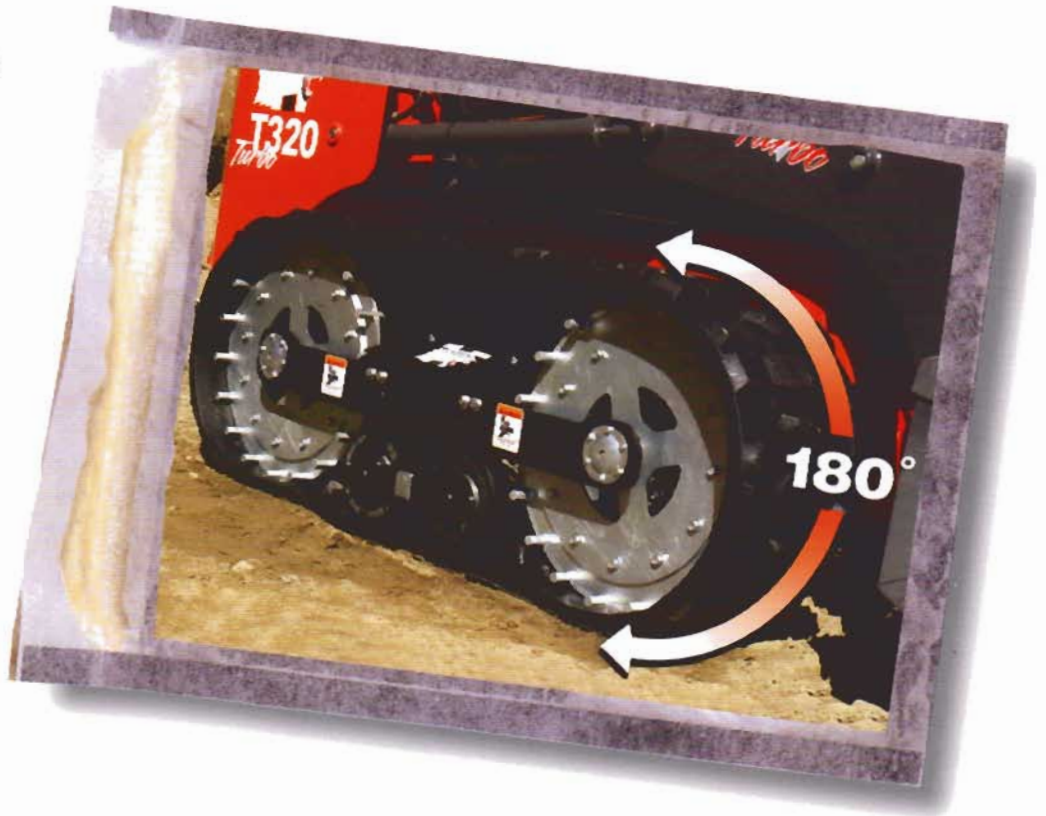
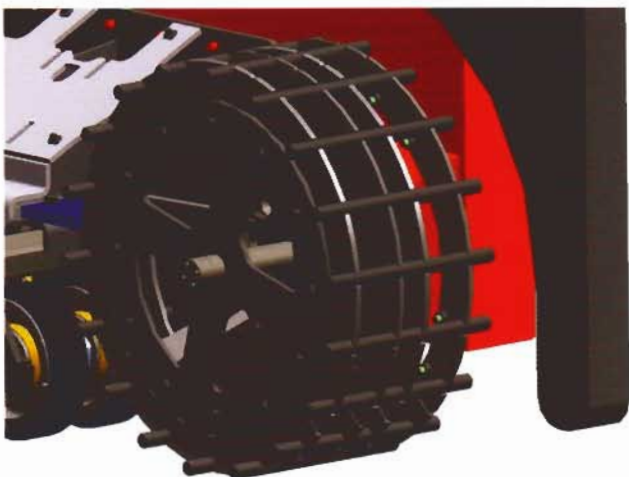
Its long, 125 mm (4.9 in) pitch allows the track to be manufactured with larger and deeper traction pads. Track wear accelerates when working on hard surfaces and these oversize pads, because of their larger surface area, reduce ground pressure and provide improved track wear characteristics.

Longer track pitch also allows forming deeper and wider spacing between the traction pads for superior traction and cleaning on all surface conditions.

Reduced Maintenance –

Thomas' exclusive three-piece sprocket design eliminates the need of a track tensioning system and its requirement for regular service inspection and adjustment.

This "weak link" has been designed out of the Model T320. On assembly, the three-piece front sprocket properly tensions the track and further adjustment is not required. The track may stretch when under load but because the Thomas rubber track contains no steel it will always rebound to its original length and tension. Tracks containing steel when overstretched may not rebound and become loose.



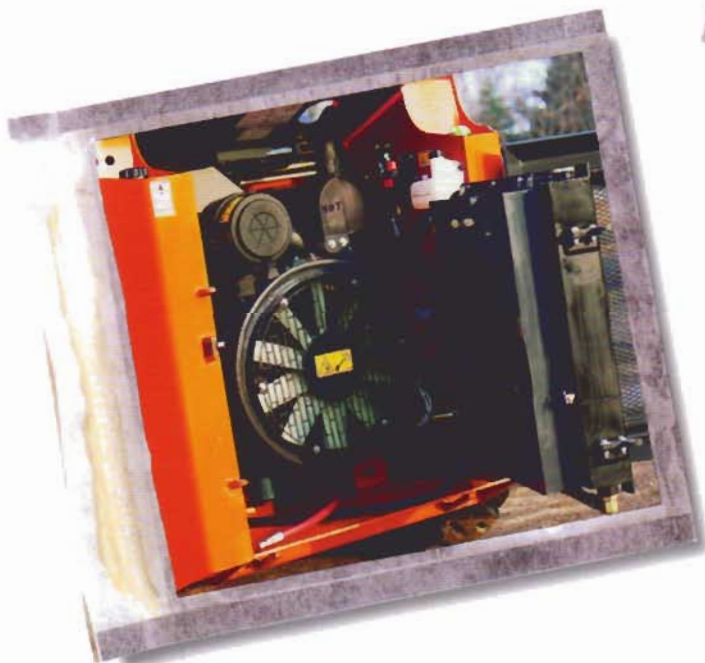
Power To Spare –

Power starts with its high performance 87.4 hp (65.2 kw) Kubota turbocharged diesel engine. This combined with over 3175 kg (7000 lbs) of breakout force, will make short work of the toughest digging conditions.

The Model T320 is available with an optional high flow hydraulic package that puts out an awesome 151.4 lpm (40 gpm) or 70 hydraulic hp (52.2 kw). No matter if your milling concrete or land clearing, the Thomas high flow system will bring out the hidden performance in any attachment.

Rugged To The Core –

The Model T320 is designed to minimize maintenance, with new design features to reduce downtime and make servicing easier. A wide opening, lockable rear door and swing out radiator provide total unobstructed service access. The job is tough but Thomas can take the heat. The Model T320 is equipped with a high efficiency hydraulic oil cooler and massive 90 l (24 gal) hydraulic tank, that's over 500% more volume than found on some competitive units. Both features are designed to reduce heat, helping you keep your cool and get maximum performance and life out of your loader's hydraulic components.



* Available in United States, Canada and Australia. All other countries are provided a 1-year full machine, 2-year engine and 5-year mainframe warranty. Plus - the Model T320 comes complete with a 2-year, 1000-hour pro-rated track warranty. Some equipment shown may be optional.

Change With The Conditions -

The Thomas T320 is designed with the flexibility to change with your needs. When you don't need the benefits of track drive, the Model T320 track unit can be quickly converted to a 12.00 x 16.5 tire, four-wheel drive loader, giving you all the advantages of a standard skid steer while eliminating expensive drive train wear. When needed, it quickly converts back to a track drive loader giving you the best of both worlds.

5-Year, 5000-Hour Warranty* -

The Model T320, like every Thomas loader, comes with the best customer protection plan in the industry: a full 5-year, 5000-hour warranty*. Coverage includes a fully transferable 3-year, 3000-hour full machine and an additional 2-year, 2000-hour power train warranty. Plus - the Model T320 comes complete with a 2-year, 1000-hour pro-rated track warranty.

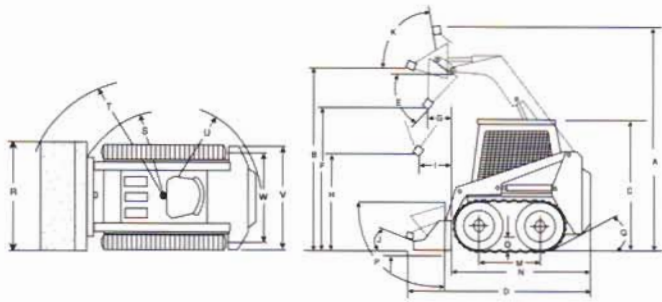


A Tough Act To Follow.

The evolution of the Thomas T320 track loader is proof that it is possible to reinvent the wheel. Instead of another cookie cutter design, Thomas' thinking outside the box has brought you a track loader that is quicker, more responsive and more powerful than any other loader in its class.

- 1465 kg (3230 lbs) lift capacity.
- 457 mm (18 in) wide tracks provide exceptional stability on slopes.
- High output 87.4 hp (65.2 kw) Kubota turbocharged diesel.
- Fast 19.8 km/h (12.3 mph) high speed travel range.
- Powerful, over 3175 kg (7000 lbs) of breakout force means easy bucket loading.

Model T320 Specifications



Performance

	T320 Track	T320 Wheel
Operating Capacity 50% of Tipping, kg (lbs)	1465 (3230)	1134 (2500)
Operating Capacity 35% of Tipping, kg (lbs)	1016 (2240)	NA
Tipping Load, kg (lbs)	2930 (6460)	2268 (5000)
Travel Speed, Low Range, km/h (mph)	10.9 (6.8)	10.9 (6.8)
Travel Speed High Range, km/h (mph)	19.8 (12.3)	19.8 (12.3)
Hydraulic Pump Output, lpm (gpm)	79.5 (21.0)	79.5 (21.0)
Breakout Force, kg (lbs)	3175 (7000)	3175 (7000)
Shipping Weight, kg (lbs)	4264 (9400)	3357 (7400)
Operating Weight, kg (lbs)	4536 (10000)	3629 (8000)

Engine

	T320 Track	T320 Wheel
Make	Kubota	Kubota
Model	V3300T	V3300T
Horsepower Net, hp (kw)	83 (61.9)	83 (61.9)
Horsepower (Gross), hp (kw)	87.4 (65.2)	87.4 (65.2)
Max. Gov. Speed, rpm	2750	2750
Max. Torque, kg/m (ft lbs)	28.4 (205.0)	28.4 (205.0)
No. Cylinders	4	4
Displacement, cu cm (cu in)	3321 (203)	3321 (203)
Alternator, Amps	60	60
Battery, CCA	1460	1460
Remote Boost Terminal Std.	Yes	Yes
Engine to Pump Power Transfer	Direct Coupling	Direct Coupling
Fuel Capacity, l (gal)	109 (28.7)	109 (28.7)

Controls/Drive System

	T320 Track	T320 Wheel
Steering Controls	Two-Hand Levers	Two-Hand Levers
Hydraulic Controls	Two-Hand Levers or Two Pedals	Two-Hand Levers or Two Pedals
Transmission	Hydrostatic	Hydrostatic
Tubular Steel Main Frame	Yes	Yes

Loader Hydraulics

	T320 Track	T320 Wheel
Pump Capacity, lpm (gpm)	79.5 (21.0)	79.5 (21.0)
System Relief Pressure, bar (psi)	206.8 (3000)	206.8 (3000)
High Flow Pump Output, lpm (gpm)	151.4 (40.0)	151.4 (40.0)
System Relief Pressure, bar (psi)	206.8 (3000)	206.8 (3000)
High Flow Hyd., hp (kw)	70.0 (52.2)	70.0 (52.2)
No. Bucket Cylinders	2	2

T320 Track

Bucket Cylinder Linkage Protection	Yes
Hydraulic Reservoir Capacity, l (gal)	90.8 (24.0)
Oil Type	10W30

T320 Wheel

	Yes
	90.8 (24.0)
	10W30

Operator Comfort & Safety

Standard Track Width, mm (in)	457 (18)	NA
Ground Pressure	0.4 (5.8)	NA
Adj. Seat w/Hyd Controls Lock Switch	Yes	Yes
Protective Seat Bar w/Hyd. Controls Lock Switch	Yes	Yes
Seat Belt w/Hyd. Controls Lock Switch	Yes	Yes
ROPS/FOPS Operator's Cab	Yes	Yes
Work Lights Std.	Yes	Yes
Cab Operated Boom Supports	Yes	Yes
Top & Rear Window Glass Std.	Yes	Yes
Self Centering Steering Controls	Yes	Yes
Park Brake, Spring Applied-Hydraulic Release	Yes	Yes

Dimensions

	T320 Track	T320 Wheel
Standard Tires	NA	12.00 x 16.5
Standard Track Width, mm (in)	457 (18)	NA
Overall Operating Height, mm (in)	3970 (156.3)	3988 (157.0)
Height To Hinge Pin, mm (in)	3127 (123.1)	3145 (123.8)
Overall Height of Vehicle, mm (in)	2134 (84)	2134 (84)
Overall Length with Bucket, mm (in)	3696 (145.5)	3708 (146)
Dump Angle	38	36
Dump Height, mm (in)	2408 (94.8)	2459 (96.8)
Reach - Fully Raised, mm (in)	587 (23.1)	546 (21.5)
Height at 45 Deg. Dump Angle, mm (in)	2102 (82.8)	2040 (80.3)
Reach at 45 Deg. Dump Angle, mm (in)	660 (26.0)	643 (25.3)
Max. Roll Back at Ground	20°	20°
Max. Roll Back Fully Raised	87°	87°
Wheelbase, mm (in)	1238 (48.75)	1238 (48.75)
Overall Length - Less Bucket, mm (in)	2997 (118)	2985 (117.5)
Ground Clearance, mm (in)	229 (9)	229 (9)
Max. Grading Angle - Bucket	88	88
Angle of Departure	26	27
Bucket Width, mm (in)	2073 (81.6)	1854 (73.0)
Clearance Circle Front, mm (in)	1676 (66)	1377 (54.2)
Clearance Circle Front w/Bucket, mm (in)	2276 (89.6)	2134 (84)
Clearance Circle Rear, mm (in)	1773 (69.8)	1773 (69.8)
Overall Width Less Bucket, mm (in)	1984 (78.1)	1798 (70.8)
Tread, mm (in)	1514 (59.6)	1486 (58.5)

SPECIFICATIONS AND DESIGN ARE SUBJECT TO CHANGE WITHOUT NOTICE. SPECIFICATIONS MAY VARY DEPENDING ON COUNTRY.



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