



T320 Turbo

First Traker



T320 Turbo

40 YEARS  
THOMAS

# MODEL T320 SPECIFICATIONS

## PERFORMANCE

	T320 Track	T320 Wheel
Operating Capacity 50% of Tipping, kg (lb)	1465 (3230)	1134 (2500)
Operating Capacity 35% of Tipping, kg (lb)	1016 (2240)	Not Applicable
Tipping Load, kg (lb)	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 (123.3)	19.8 (123.3)
Hydraulic Pump Output, lpm (gpm)	79.5 (21.0)	79.5 (21.0)
Breakout Force, kg (lb)	3175 (7000)	3175 (7000)
Shipping Weight, kg (lb)	4264 (9400)	3357 (7400)
Operating Weight, kg (lb)	4536 (10000)	3629 (8000)

## ENGINE

	Kubota	Kubota
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.lb.)	28.4 (205.0)	28.4 (205.0)
No. Cylinders	4	4
Displacement, cu. cm. (cu.in.)	3321 (203)	3321 (203)
Alternater, 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

	Two-Hand Levers Two Hand Levers or Two Pedals	Two-Hand Levers Two Hand Levers or Two Pedals
Steering Controls	Two-Hand Levers Two Hand Levers or Two Pedals	Two-Hand Levers Two Hand Levers or Two Pedals
Hydraulic Controls	Two Pedals	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, hp (kw)	52.2 (70.0)	52.2 (70.0)
No. Bucket Cylinders	2	2
Bucket Cylinder Linkage Protection	Yes	Yes
Hydraulic Reservoir Capacity, L (gal)	90.8 (24.0)	90.8 (24.0)
Oil Type	10W30	10W30

## OPERATION

	T320 Track	T320 Wheel
Standard Track Width	457 (18)	na
Ground Pressure, bar (psi)	0.4 (5.8)	na

**T320 Track****T320 Wheel****SAFETY EQUIPMENT**

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 Operators 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**

Standard Tire	na	12.00 x 16.5
Standard Track Width	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 (46)
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)

