Technical sheet:

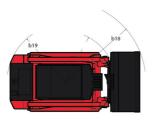
## **1650RT**



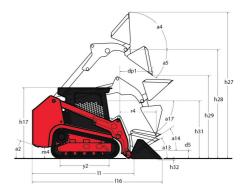


Operating Weight Unladen weight Operating Capacity at 35% Tipping Load Operating Capacity At 50% Tipping Load Tipping capacity Weight and dimensions Overall Operating Height - Fully Raised Height to Minge Pin - Fully Raised Height to Minge Pin - Fully Raised Unum preach - Full Height Dump angle at full height Dump angle at full height Dump Height - Fully Raised Overall Height to top of ROPS Overall Height to top of ROPS Overall Height without Bucket Specified Height Dump angle at specified height Maximum Rollback Angle - Fully Raised Overall Height without Bucket Specified Height Dump angle at Specified Height Dump angle at Specified Height Overall Length without Bucket Specified Height Reach at Specified Height Dump angle at Postified National Reach Angle at Carry Position Maximum Rollback Angle at Carry Position Digging Position Angle of Departure with STD Counterweight Ground clearance Track gauge Track Shoe Width Crawfor base Overall width less bucket Bucket Width Clearance Radius - Front with Bucket Clearance Circle - Rear Maximum rollback at specified height Angle of Approach Grouser Height Track Type / Track Rollers / Roller Type Performances Ground Speed - Single Speed Ground Speed - Single Speed Ground Speed - Two Speed Drawbar Pull/Tractive Effort Bucket Breakout - Lift Cylinder Bucket Breakout - Lift Cylinder	h27 h28 r6 a5 h29 a4 h17 l16 l1 h31 r4 a17 a13 d5 a14 h32 m4 b10 b20 y2 b1	Metric  3638 kg 3638 kg 748 kg 1069 kg 2139 kg  4008 mm 3038 mm 641 mm 39 ° 2329 mm 98 ° 1969 mm 3205 mm 2393 mm 1638 mm 559 mm 73 ° 28 ° 198 mm 28 ° 53 mm 28 ° 155 mm
Operating Weight Unladen weight Unladen weight Operating Capacity at 35% Tipping Load Operating Capacity at 55% Tipping Load Tipping capacity Weight and dimensions Overall Operating Height - Fully Raised Height to Hinge Pin - Fully Raised Dump reach - Full height Dump angle at full height Dump angle at full height Dump Height - Fully Raised Maximum Rollback Angle - Fully Raised Maximum Rollback Angle at Description Overall Height to por 6ROPS Overall Height to por 6ROPS Overall Height bucket Overall Length without Bucket Specified Height Reach at Specified height Reach at Specified height Maximum Rollback Angle at Ground Carry Position Maximum Rollback Angle at Carry Position Digging Position Angle of Departure with STD Counterweight Ground clearance Track gauge Track Shoe Width Crawler base Overall width less bucket Bucket Width Clearance Radius - Front with Bucket Clearance Circle - Rear Maximum rollback at a specified height Angle of Approach Grouser Height Track Type / Track Rollers / Roller Type Performances Ground Speed - Single Speed Ground Speed - Single Speed Ground Speed - Two Speed Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder	h28 r6 a5 h29 a4 h17 l16 l1 h31 r4 a17 a13 d5 a14 h32 m4 b10 b20 y2	3638 kg 3638 kg 748 kg 1069 kg 2139 kg  4008 mm 3038 mm 641 mm 39 ° 2329 mm 98 ° 1969 mm 3205 mm 2393 mm 1638 mm 559 mm 73 ° 28 ° 198 mm 28 ° 53 mm 28 °
Unladen weight Operating Capacity at 35% Tipping Load Operating Capacity at 50% Tipping Load Tipping capacity Weight and dimensions Overall Operating Height - Fully Raised Height to Hinge Pin - Fully Raised Dump reach - Full height Dump angle at full height Dump angle at full height Ournell Operating Height - Fully Raised Maximum Rollback Angle - Fully Raised Maximum Rollback Angle - Fully Raised Overall Height to top of ROPS Overall leight without Bucket Specified Height without Bucket Specified Height Reach at Specified Height Maximum Rollback Angle at Ground Carry Position Maximum Rollback Angle at Carry Position Digging Position Angle of Departure with STD Counterweight Ground clearance Track gauge Track Shoe Width Crawler base Overall with less bucket Bucket Width Clearance Radius - Front with Bucket Clearance Circle - Rear Maximum Rollback at specified height Angle of Approach Grouse Height Track Rollers / Roller Type Performances Ground Speed - Tivo Speed Drawbar Pull Trackit Ver Flort Bucket Beakout - Tilt Cylinder	h28 r6 a5 h29 a4 h17 l16 l1 h31 r4 a17 a13 d5 a14 h32 m4 b10 b20 y2	3638 kg 748 kg 1069 kg 2139 kg  4008 mm 3038 mm 641 mm 39 ° 2329 mm 98 ° 1969 mm 3205 mm 2393 mm 1638 mm 559 mm 73 ° 28 ° 198 mm 28 ° 53 mm 28 °
Operating Capacity at 35% Tipping Load Operating Capacity At 50% Tipping Load Tipping capacity At 50% Tipping Load Tipping capacity Weight and dimensions Overall Operating Height - Fully Raised Height to Hinge Fin - Fully Raised Dump reach - Full height Dump angle at full height Dump angle at full height Dump Height - Fully Raised Maximum Rollback Angle - Fully Raised Overall Height to por ROPS Overall Height to top of ROPS Overall Height to top of ROPS Overall Height Height Reach at Specified Height Dump angle at Stround Carry Position Maximum Rollback Angle at Carry Position Digging Position Angle of Departure with STD Counterweight Ground clearance Track gauge Track Shoe Width Crawler base Overall width less bucket Bucket Width Clearance Radius - Front with Bucket Clearance Circle - Rear Maximum Indback at specified height Angle of Approach Grouser Height Track Type / Track Rollers / Roller Type Performances Ground Speed - Single Speed Ground Speed - Single Speed Ground Speed - Single Speed Ground Speed - Tivo Speed Drawbar Pull/Tractive Effort Bucket Beacout - Titl Cylinder	h28 r6 a5 h29 a4 h17 l16 l1 h31 r4 a17 a13 d5 a14 h32 m4 b10 b20 y2	748 kg 1069 kg 2139 kg  4008 mm 3038 mm 641 mm 39 ° 2329 mm 98 ° 1969 mm 3205 mm 2393 mm 1638 mm 559 mm 73 ° 28 ° 198 mm 28 ° 53 mm 28 °
Operating Capacity At 50% Tipping Load Tipping capacity Weight and dimensions Overall Operating Height - Fully Raised Height to Hinge Pin - Fully Raised Dump raceh - Full height Dump angle at full height Dump Height - Fully Raised Maximum Rollback Angle - Fully Raised Overall Height to top of ROPS Overall Height to tho Fully Raised Overall Height to top of ROPS Overall Height the bucket Overall Height with bucket Overall Length without Bucket Specified Height Reach at Specified Height Dump angle at specified height Maximum Rollback Angle at Ground Carry Position Maximum Rollback Angle at Carry Position Digging Position Angle of Departure with STD Counterweight Ground clearance Track gauge Track Shoe Width Crawler base Overall width less bucket Bucket Width Clearance Radius - Front with Bucket Clearance Circle - Rear Maximum Rollback Angle at specified height Angle of Approach Grouser Height Track Type / Track Rollers / Roller Type Performances Ground Speed - Single Speed Ground Speed - Single Speed Ground Speed - Single Speed Ground Speed - Two Speed Drawbar Pull/Tractive Effort Bucket Beakout - Tilt Cylinder	h28 r6 a5 h29 a4 h17 l16 l1 h31 r4 a17 a13 d5 a14 h32 m4 b10 b20 y2	1069 kg 2139 kg  4008 mm 3038 mm 641 mm 39 ° 2329 mm 98 ° 1969 mm 3205 mm 2393 mm 1638 mm 559 mm 73 ° 28 ° 198 mm 28 ° 53 mm 28 °
Tipping capacity  Weight and dimensions  Overall Operating Height - Fully Raised  Height to Hinge Pin - Fully Raised  Dump angle at full height  Dump angle at full height  Dump Height - Fully Raised  Maximum Rollback Angle - Fully Raised  Overall Height to top of ROPS  Overall Height to top of ROPS  Overall Length with bucket  Overall Length without Bucket  Specified Height  Reach at Specified Height  Dump angle at specified height  Maximum Rollback Angle at Ground  Carry Position  Maximum Rollback Angle at Carry Position  Digging Position  Angle of Departure with STD Counterweight  Ground clearance  Track gauge  Track Shoe Width  Clearance Radius - Front with Bucket  C	h28 r6 a5 h29 a4 h17 l16 l1 h31 r4 a17 a13 d5 a14 h32 m4 b10 b20 y2	2139 kg  4008 mm 3038 mm 641 mm 39 ° 2329 mm 98 ° 1969 mm 3205 mm 2393 mm 1638 mm 559 mm 73 ° 28 ° 198 mm 28 ° 53 mm 28 °
Weight and dimensions  Overall Operating Height - Fully Raised  Height to Hinge Pin - Fully Raised  Dump reach - Full height  Dump angle at full height  Dump angle at full height  Dump Height - Fully Raised  Maximum Rollback Angle - Fully Raised  Overall Height to top of ROPS  Overall Height with bucket  Overall Length with bucket  Overall Length without Bucket Specified Height  Reach at Specified Height  Maximum Rollback Angle at Ground  Carry Position  Maximum Rollback Angle at Carry Position  Digging Position  Angle of Departure with STD Counterweight  Ground clearance  Track Shoe Width  Crawler base  Overall width less bucket  Bucket Width  Clearance Radius - Front with Bucket  Clearance Radius - Front Radius -	h28 r6 a5 h29 a4 h17 l16 l1 h31 r4 a17 a13 d5 a14 h32 m4 b10 b20 y2	4008 mm 3038 mm 641 mm 39 ° 2329 mm 98 ° 1969 mm 3205 mm 2393 mm 1638 mm 559 mm 73 ° 28 ° 198 mm 28 °
Overall Operating Height - Fully Raised Height to Hinge Pin - Fully Raised Dump reach - Full height Dump angle at full height Dump Height - Fully Raised Maximum Rollback Angle - Fully Raised Overall Height to pof ROPS Overall Height to bucket Overall Height without Bucket Specified Height Reach at Specified Height Dump angle at specified height Maximum Rollback Angle at Ground Carry Position Maximum Rollback Angle at Ground Carry Position Maximum Rollback Angle at Carry Position Digging Position Angle of Departure with STD Counterweight Ground clearance Track gauge Track Shoe Width Crawler base Overall width less bucket Bucket Width Clearance Radius - Front with Bucket Track Type / Track Rollers / Roller Type Performances Ground Speed - Single Speed Ground Speed - Single Speed Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder	h28 r6 a5 h29 a4 h17 l16 l1 h31 r4 a17 a13 d5 a14 h32 m4 b10 b20 y2	3038 mm 641 mm 39 ° 2329 mm 98 ° 1969 mm 3205 mm 2393 mm 1638 mm 559 mm 73 ° 28 ° 198 mm 28 ° 53 mm 28 °
Height to Hinge Pin - Fully Raised  Dump reach - Full height  Dump angle at full height  Dump Height - Fully Raised  Maximum Rollback Angle - Fully Raised  Overall Height to top of ROPS  Overall Length with bucket  Overall Length without Bucket  Specified Height  Reach at Specified Height  Dump angle at specified height  Dump angle at specified height  Dump angle at Carry Position  Maximum Rollback Angle at Cround  Carry Position  Maximum Rollback Angle at Carry Position  Digging Position  Angle of Departure with STD Counterweight  Ground clearance  Track gauge  Track Shoe Width  Crawler base  Overall width less bucket  Bucket Width  Clearance Radius - Front with Bucket  Clearance Radius - Front with Bucket  Clearance Circle - Rear  Maximum rollback at specified height  Angle of Approach  Grouser Height  Track Type / Track Rollers / Roller Type  Performances  Ground Speed - Single Speed  Ground Speed - Single Speed  Ground Speed - Single Speed  Drawbar Pull/Tractive Effort  Bucket Breakout - Tilt Cylinder	h28 r6 a5 h29 a4 h17 l16 l1 h31 r4 a17 a13 d5 a14 h32 m4 b10 b20 y2	3038 mm 641 mm 39 ° 2329 mm 98 ° 1969 mm 3205 mm 2393 mm 1638 mm 559 mm 73 ° 28 ° 198 mm 28 ° 53 mm 28 °
Dump reach - Full height Dump angle at full height Dump Height - Fully Raised Maximum Rollback Angle - Fully Raised Overall Height to top of ROPS Overall Height to top of ROPS Overall Length without Bucket Specified Height Reach at Specified Height Dump angle at specified height Maximum Rollback Angle at Ground Carry Position Maximum Rollback Angle at Carry Position Digging Position Angle of Departure with STD Counterweight Ground clearance Track gauge Track Shoe Width Crawler base Overall width less bucket Bucket Width Clearance Radius - Front with Bucket Clearance Radius - Front with Bucket Clearance Circle - Rear Maximum rollback at specified height Angle of Approach Grouser Height Track Type / Track Rollers / Roller Type Performances Ground Speed - Single Speed Ground Speed - Single Speed Ground Speed - Single Speed Drawbar Pull/Tractive Effort Bucket Beakout - Tilt Cylinder	r6 a5 h29 a4 h17 l16 l1 h31 r4 a17 a13 d5 a14 h32	641 mm 39 ° 2329 mm 98 ° 1969 mm 3205 mm 2393 mm 1638 mm 559 mm 73 ° 28 ° 198 mm 28 ° 53 mm 28 °
Dump angle at full height Dump Height - Fully Raised Maximum Rollback Angle - Fully Raised Overall Height to top of ROPS Overall Height with bucket Overall Length without Bucket Specified Height Reach at Specified Height Dump angle at specified height Maximum Rollback Angle at Ground Carry Position Maximum Rollback Angle at Carry Position Digging Position Angle of Departure with STD Counterweight Ground clearance Track gauge Track Shoe Width Crawler base Overall width less bucket Bucket Width Clearance Radius - Front with Bucket Clearance Circle - Rear Maximum rollback at specified height Angle of Approach Grouser Height Track Type / Track Rollers / Roller Type Performances Ground Speed - Single Speed Ground Speed - Single Speed Ground Speed - Two Speed Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder	a5 h29 a4 h17 l16 l1 h31 r4 a17 a13 d5 a14 h32	39 ° 2329 mm 98 ° 1969 mm 3205 mm 2393 mm 1638 mm 559 mm 73 ° 28 ° 198 mm 28 ° 53 mm 28 °
Dump Height - Fully Raised  Maximum Rollback Angle - Fully Raised  Overall Height to top of ROPS  Overall Length without Bucket  Overall Length without Bucket  Specified Height  Reach at Specified Height  Dump angle at specified height  Maximum Rollback Angle at Ground  Carry Position  Maximum Rollback Angle at Carry Position  Digging Position  Angle of Departure with STD Counterweight  Ground clearance  Track gauge  Track Shoe Width  Crawler base  Overall width less bucket  Bucket Width  Clearance Radius - Front with Bucket  Clearance Circle - Rear  Maximum rollback at specified height  Angle of Approach  Grouser Height  Track Type / Track Rollers / Roller Type  Performances  Ground Speed - Two Speed  Ground Speed - Two Speed  Drawbar Pull/Tractive Effort  Bucket Brackut - Tilt Cylinder	h29 a4 h17 l16 l1 h31 r4 a17 a13 d5 a14 h32 m4 b10 b20 y2	2329 mm 98 ° 1969 mm 3205 mm 2393 mm 1638 mm 559 mm 73 ° 28 ° 198 mm 28 ° 53 mm 28 °
Maximum Rollback Angle - Fully Raised  Overall Height to top of ROPS  Overall Length with bucket  Overall Length without Bucket  Specified Height  Reach at Specified Height  Dump angle at specified height  Maximum Rollback Angle at Ground  Carry Position  Maximum Rollback Angle at Carry Position  Digging Position  Angle of Departure with STD Counterweight  Ground clearance  Track gauge  Track Shoe Width  Crawler base  Overall width less bucket  Bucket Width  Clearance Radius - Front with Bucket  Clearance Circle - Rear  Maximum rollback at specified height  Angle of Approach  Grouser Height  Track Type / Track Rollers / Roller Type  Performances  Ground Speed - Single Speed  Ground Speed - Single Speed  Ground Speed - Two Speed  Drawbar Pull/Tractive Effort  Bucket Bracket Flort	a4 h17 l16 l1 h31 r4 a17 a13 d5 a14 h32	98 ° 1969 mm 3205 mm 2393 mm 1638 mm 559 mm 73 ° 28 ° 198 mm 28 ° 53 mm 28 °
Overall Height to top of ROPS Overall length with bucket Overall Length without Bucket Specified Height Reach at Specified Height Dump angle at specified height Maximum Rollback Angle at Ground Carry Position Maximum Rollback Angle at Carry Position Digging Position Angle of Departure with STD Counterweight Ground clearance Track gauge Track Shoe Width Crawler base Overall width less bucket Bucket Width Clearance Radius - Front with Bucket Clearance Radius - Front with Bucket Clearance Rollback at specified height Angle of Approach Grouser Height Track Type / Track Rollers / Roller Type Performances Ground Speed - Single Speed Ground Speed - Single Speed Ground Speed - Two Speed Drawbar Pull/Tractive Effort Bucket Breakout - Titl Cylinder	h17 l16 l1 h31 r4 a17 a13 d5 a14 h32 m4 b10 b20 y2	1969 mm 3205 mm 2393 mm 1638 mm 559 mm 73 ° 28 ° 198 mm 28 ° 53 mm 28 °
Overall length with bucket Overall Length without Bucket Specified Height Reach at Specified Height Dump angle at specified height Maximum Rollback Angle at Ground Carry Position Maximum Rollback Angle at Carry Position Digging Position Angle of Departure with STD Counterweight Ground clearance Track Shoe Width Crawler base Overall width less bucket Bucket Width Clearance Radius - Front with Bucket Clearance Circle - Rear Maximum rollback at specified height Angle of Approach Grouser Height Track Type / Track Rollers / Roller Type Performances Ground Speed - Single Speed Ground Speed - Two Speed Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder	116 11 h31 r4 a17 a13 d5 a14 h32 m4 b10 b20 y2	3205 mm 2393 mm 1638 mm 559 mm 73 ° 28 ° 198 mm 28 ° 53 mm 28 °
Overall Length without Bucket  Specified Height Reach at Specified Height  Dump angle at specified height  Maximum Rollback Angle at Ground  Carry Position  Maximum Rollback Angle at Carry Position  Digging Position  Angle of Departure with STD Counterweight  Ground clearance  Track gauge  Track Shoe Width  Crawler base  Overall width less bucket  Bucket Width  Clearance Radius - Front with Bucket  Clearance Circle - Rear  Maximum rollback at specified height  Angle of Approach  Grouser Height  Track Type / Track Rollers / Roller Type  Performances  Ground Speed - Single Speed  Ground Speed - Single Speed  Ground Speed - Two Speed  Drawbar Pull/Tractive Effort  Bucket Breakout - Tilt Cylinder	I1 h31 r4 a17 a13 d5 a14 h32 m4 b10 b20 y2	2393 mm 1638 mm 559 mm 73 ° 28 ° 198 mm 28 ° 53 mm 28 °
Specified Height Reach at Specified Height Dump angle at specified height Maximum Rollback Angle at Ground Carry Position Maximum Rollback Angle at Carry Position Digging Position Angle of Departure with STD Counterweight Ground clearance Track gauge Track Shoe Width Crawler base Overall width less bucket Bucket Width Clearance Radius - Front with Bucket Clearance Circle - Rear Maximum rollback at specified height Angle of Approach Grouser Height Track Type / Track Rollers / Roller Type Performances Ground Speed - Single Speed Ground Speed - Two Speed Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder	h31 r4 a17 a13 d5 a14 h32 m4 b10 b20 y2	1638 mm 559 mm 73 ° 28 ° 198 mm 28 ° 53 mm 28 °
Reach at Specified Height Dump angle at specified height Maximum Rollback Angle at Ground Carry Position Maximum Rollback Angle at Carry Position Digging Position Angle of Departure with STD Counterweight Ground clearance Track gauge Track Shoe Width Crawler base Overall width less bucket Bucket Width Clearance Radius - Front with Bucket Clearance Circle - Rear Maximum rollback at specified height Angle of Approach Grouser Height Track Type / Track Rollers / Roller Type Performances Ground Speed - Single Speed Ground Speed - Two Speed Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder	r4 a17 a13 d5 a14 h32 m4 b10 b20 y2	559 mm 73 ° 28 ° 198 mm 28 ° 53 mm 28 ° 185 mm
Dump angle at specified height  Maximum Rollback Angle at Ground  Carry Position  Maximum Rollback Angle at Carry Position  Digging Position  Angle of Departure with STD Counterweight  Ground clearance  Track gauge  Track Shoe Width  Crawler base  Overall width less bucket  Bucket Width  Clearance Radius - Front with Bucket  Clearance Circle - Rear  Maximum rollback at specified height  Angle of Approach  Grouser Height  Track Type / Track Rollers / Roller Type  Performances  Ground Speed - Single Speed  Ground Speed - Two Speed  Drawbar Pull/Tractive Effort  Bucket Breakout - Tilt Cylinder	a17 a13 d5 a14 h32 m4 b10 b20 y2	73 ° 28 ° 198 mm 28 ° 53 mm 28 ° 185 mm
Maximum Rollback Angle at Ground Carry Position Maximum Rollback Angle at Carry Position Digging Position Angle of Departure with STD Counterweight Ground clearance Track gauge Track Shoe Width Crawler base Overall width less bucket Bucket Width Clearance Radius - Front with Bucket Clearance Circle - Rear Maximum rollback at specified height Angle of Approach Grouser Height Track Type / Track Rollers / Roller Type Performances Ground Speed - Single Speed Ground Speed - Two Speed Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder	a13 d5 a14 h32 m4 b10 b20 y2	28 ° 198 mm 28 ° 53 mm 28 ° 185 mm
Carry Position  Maximum Rollback Angle at Carry Position  Digging Position  Angle of Departure with STD Counterweight  Ground clearance  Track gauge  Track Shoe Width  Crawler base  Overall width less bucket  Bucket Width  Clearance Radius - Front with Bucket  Clearance Circle - Rear  Maximum rollback at specified height  Angle of Approach  Grouser Height  Track Type / Track Rollers / Roller Type  Performances  Ground Speed - Single Speed  Ground Speed - Two Speed  Drawbar Pull/Tractive Effort  Bucket Breakout - Tilt Cylinder	d5 a14 h32 m4 b10 b20 y2	198 mm 28 ° 53 mm 28 ° 185 mm
Maximum Rollback Angle at Carry Position Digging Position Angle of Departure with STD Counterweight Ground clearance Track gauge Track Shoe Width Crawler base Overall width less bucket Bucket Width Clearance Radius - Front with Bucket Clearance Rollback at specified height Angle of Approach Grouser Height Track Type / Track Rollers / Roller Type Performances Ground Speed - Single Speed Ground Speed - Two Speed Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder	m4 b10 b20 y2	28° 53 mm 28° 185 mm
Digging Position  Angle of Departure with STD Counterweight  Ground clearance  Track gauge  Track Shoe Width  Crawler base  Overall width less bucket  Bucket Width  Clearance Radius - Front with Bucket  Clearance Rodius - Front with Bucket  Clearance Circle - Rear  Maximum rollback at specified height  Angle of Approach  Grouser Height  Track Type / Track Rollers / Roller Type  Performances  Ground Speed - Single Speed  Ground Speed - Two Speed  Drawbar Pull/Tractive Effort  Bucket Breakout - Tilt Cylinder	m4 b10 b20 y2	53 mm 28 ° 185 mm
Angle of Departure with STD Counterweight Ground clearance Track gauge Track Shoe Width Crawler base Overall width less bucket Bucket Width Clearance Radius - Front with Bucket Clearance Radius - Front with Bucket Clearance Circle - Rear Maximum rollback at specified height Angle of Approach Grouser Height Track Type / Track Rollers / Roller Type Performances Ground Speed - Single Speed Ground Speed - Two Speed Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder	m4 b10 b20 y2	28 ° 185 mm
Angle of Departure with STD Counterweight Ground clearance Track gauge Track Shoe Width Crawler base Overall width less bucket Bucket Width Clearance Radius - Front with Bucket Clearance Rolius - Front with Bucket Clearance Circle - Rear Maximum rollback at specified height Angle of Approach Grouser Height Track Type / Track Rollers / Roller Type Performances Ground Speed - Single Speed Ground Speed - Two Speed Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder	b10 b20 y2	185 mm
Ground clearance Track gauge Track Shoe Width Crawler base Overall width less bucket Bucket Width Clearance Radius - Front with Bucket Clearance Radius - Front with Bucket Clearance Circle - Rear Maximum rollback at specified height Angle of Approach Grouser Height Track Type / Track Rollers / Roller Type Performances Ground Speed - Single Speed Ground Speed - Two Speed Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder	b10 b20 y2	185 mm
Track gauge Track Shoe Width Crawler base Overall width less bucket Bucket Width Clearance Radius - Front with Bucket Clearance Circle - Rear Maximum rollback at specified height Angle of Approach Grouser Height Track Type / Track Rollers / Roller Type Performances Ground Speed - Single Speed Ground Speed - Two Speed Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder	b10 b20 y2	
Track Shoe Width Crawler base Overall width less bucket Bucket Width Clearance Radius - Front with Bucket Clearance Circle - Rear Maximum rollback at specified height Angle of Approach Grouser Height Track Type / Track Rollers / Roller Type Performances Ground Speed - Single Speed Ground Speed - Two Speed Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder	b20 y2	
Crawler base Overall width less bucket Bucket Width Clearance Radius - Front with Bucket Clearance Circle - Rear Maximum rollback at specified height Angle of Approach Grouser Height Track Type / Track Rollers / Roller Type Performances Ground Speed - Single Speed Ground Speed - Two Speed Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder	y2	320 mm
Overall width less bucket Bucket Width Clearance Radius - Front with Bucket Clearance Circle - Rear Maximum rollback at specified height Angle of Approach Grouser Height Track Type / Track Rollers / Roller Type Performances Ground Speed - Single Speed Ground Speed - Two Speed Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder	-	1265 mm
Bucket Width Clearance Radius - Front with Bucket Clearance Circle - Rear Maximum rollback at specified height Angle of Approach Grouser Height Track Type / Track Rollers / Roller Type Performances Ground Speed - Single Speed Ground Speed - Two Speed Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder	υı	1676 mm
Clearance Radius - Front with Bucket Clearance Circle - Rear Maximum rollback at specified height Angle of Approach Grouser Height Track Type / Track Rollers / Roller Type Performances Ground Speed - Single Speed Ground Speed - Two Speed Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder	-1	1676 mm
Clearance Circle - Rear  Maximum rollback at specified height  Angle of Approach  Grouser Height  Track Type / Track Rollers / Roller Type  Performances  Ground Speed - Single Speed  Ground Speed - Two Speed  Drawbar Pull/Tractive Effort  Bucket Breakout - Tilt Cylinder	e1	
Maximum rollback at specified height Angle of Approach Grouser Height Track Type / Track Rollers / Roller Type Performances Ground Speed - Single Speed Ground Speed - Two Speed Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder	b18	1979 mm
Angle of Approach Grouser Height Track Type / Track Rollers / Roller Type Performances Ground Speed - Single Speed Ground Speed - Two Speed Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder	wa1	1440 mm
Grouser Height Track Type / Track Rollers / Roller Type Performances Ground Speed - Single Speed Ground Speed - Two Speed Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder		62 °
Track Type / Track Rollers / Roller Type Performances Ground Speed - Single Speed Ground Speed - Two Speed Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder	a3	90 °
Performances Ground Speed - Single Speed Ground Speed - Two Speed Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder		25 mm
Ground Speed - Single Speed Ground Speed - Two Speed Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder		Rubber / 3 / Steel
Ground Speed - Two Speed  Drawbar Pull/Tractive Effort  Bucket Breakout - Tilt Cylinder		
Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder		10.50 km/h
Bucket Breakout - Tilt Cylinder		16.10 km/h
		4345 kg
Bucket Breakout - Lift Cylinder		1919 kg
		2295 kg
Engine		
Engine brand		Yanmar
Engine model		4TNV98C-NMS2
Motor Type		Radial Piston
Gross Power / Power		51.70 kW @ 2500 rpm
Net Power / Power		51 kW / 2500 rpm
Max. torque		241 Nm
I.C. Engine power rating		69.30 Hp
Battery voltage		12 V
Cold Cranking Amps at Temperature (CCA)		950 A
Alternator - Voltage / Ampere		12 V / 100 A
Hydraulics		
Standard flow - Auxiliary hydraulics		71 I/min
Tank capacities		
Oil Pan Capacity		91
Hydraulic oil tank capacity		39 I
Fuel tank		62.50 I
Coolant system capacity		12.90 l
Displacement / Number of cylinders		3.301/4
Miscellaneous		
Ground Pressure		0.45 bar

## 1650RT - Dimensional drawing







## **Equipment**

Lifting function	
All-Tach® Attachment Mounting System	Standard
Auxiliary Hydraulics	Standard
Electronic Attachment Control - 14-Pin Connector	Optional
High-Flow Auxiliary Hydraulics	Optional
dealTrax™ Automatic Track Tensioning System	Standard
Power-A-Tach® Attachment Mounting System	Optional
Motorization/Power	
Combination Radiator & Hydraulic Oil Cooler	Standard
Dual-Element Air Cleaner with Indicator	Standard
Engine Auto-Shutdown System	Standard
Glowplugs Starts Assist	Standard
Servo-Controlled Hydrostatic Drive	Standard
Two-Speed Hydrostatic Drive System	Standard
Operator station	
Air suspension seat	Optional
Foot Throttle	Standard
Full-Suspension Seat	Standard
Multi-Function Display Screen	Standard
Pressurized Cab Enclosure with A/C	Optional
Rearview Camera	Optional
ROPS/FOPS Level II Overhead Guard	Standard
Sliding Side Windows	Standard
Swing-out Cab Door	Standard
Other options	
Selectable Self-Leveling Hydraulic Lift Action 4	Optional
Pneumatics	
Rubber Track Undercarriage System	Standard
Single Flange Front/Dual Flange Rear Idlers	Standard
Secondary functions	
Counterweight	Standard
Dedicated Undercarriage	Standard
Security	
Anti-Vandalism Lock Provisions	Standard
Back-Up Alarm	Optional
Easy Manager	Standard
Engine Alert System with Error Display	Standard
Mechanical Lift Cylinder Lock	Standard





## **Head Office**

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