Technical sheet:

1850RT



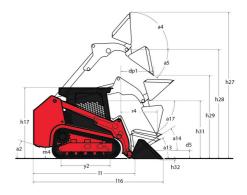


		eated on May 17, 2024 at 10:52:13 AM L
Capacities		Metric
Max. capacity	Q	2398 kg
perating Weight		4128 kg
nladen weight		4128 kg
perating Capacity at 35% Tipping Load		839 kg
perating Capacity At 50% Tipping Load		1199 kg
ipping capacity		2398 kg
Veight and dimensions		
verall Operating Height - Fully Raised	h27	4267 mm
eight to Hinge Pin – Fully Raised	h28	3251 mm
ump reach - Full height	r6	876 mm
ump angle at full height	a5	40.20 °
ump Height - Fully Raised	h29	2489 mm
Maximum Rollback Angle - Fully Raised	a4	102.50 °
Iverall Height to top of ROPS	h17	2103 mm
Overall length with bucket	l16	3754 mm
Iverall Length without Bucket	l1	2921 mm
pecified Height	h31	1715 mm
each at Specified Height	r4	790 mm
ump angle at specified height	a17	66.80 °
laximum Rollback Angle at Ground	a17	30 °
lary Position	d5	208 mm
Maximum Rollback Angle at Carry Position	u5 a14	31.60 °
	h32	
ligging Position	1132	23 mm 30.40 °
ingle of Departure with STD Counterweight	A	
round clearance	m4	318 mm
rack gauge	b10	1313 mm
rack Shoe Width	b20	320 mm
Crawler base	y2	1392 mm
Overall width less bucket	b1	1636 mm
ducket Width	e1	1674 mm
Clearance Radius - Front with Bucket	b18	2322 mm
Clearance Circle - Rear	wa1	1666 mm
Maximum rollback at specified height		66.80 °
angle of Approach	a3	90 °
Grouser Height		25 mm
rack Type / Track Rollers / Roller Type		Rubber / 4 / Steel
Performances		
round Speed - Single Speed		9.50 km/h
round Speed - Two Speed		14.20 km/h
rawbar Pull/Tractive Effort		4635 kg
ucket Breakout - Tilt Cylinder		2429 kg
lucket Breakout - Lift Cylinder		2275 kg
ingine		
ingine brand		Yanmar
ngine model		4TNV98C-NMSL
Notor Type		Axial Piston with Planetary Gear Box Reduction
Gross Power / Power		51.70 kW @ 2500 rpm
let Power / Power		51 kW / 2500 rpm
lax. torque		241 Nm
C. Engine power rating		69.30 Hp
attery voltage		12 V
old Cranking Amps at Temperature (CCA)		850 A
Iternator - Voltage / Ampere		14 V / 100 A
ank capacities		, 10071
iil Pan Capacity		10.40 l
lydraulic oil tank capacity		41.60 l
iuel tank		91 I
Coolant system capacity		13.30
Displacement / Number of cylinders		3.301/4
Miscellaneous		

1850RT - 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
IdealTrax™ 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
Two-Speed Hydrostatic Drive System	Standard
Operator station	
Air suspension seat	Optional
Foot Throttle	Standard
Full-Suspension Seat	Standard
IdealAccess™ Fold-Up Door	Optional
Multi-Function Display Screen	Standard
Pressurized Cab Enclosure with A/C	Optional
Rearview Camera	Standard
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	Standard
Easy Manager	Standard
Engine Alert System with Error Display	Standard
Mechanical Lift Cylinder Lock	Standard
Tilt-out Foot Pod	Standard





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