



# RT-50 COMPACT TRACK LOADER

## SPECIFICATIONS

### OPERATING SPECIFICATIONS

Loader Arms	Radial
Operating Weight	6520 lb   2957 kg
Shipping Weight	5867 lb   2661 kg
Ground Pressure @ Operating Weight	3.7 psi   25.5 kPa
Rated Operating Capacity (35% of Tipping Load)	1600 lbs   725 kg
Operating Capacity (50% of Tipping Load)	2285 lb   1036 kg
Tipping Load	4570 lb   2072 kg
Travel Speed, Maximum	8 mph   13 kph

### ENGINE

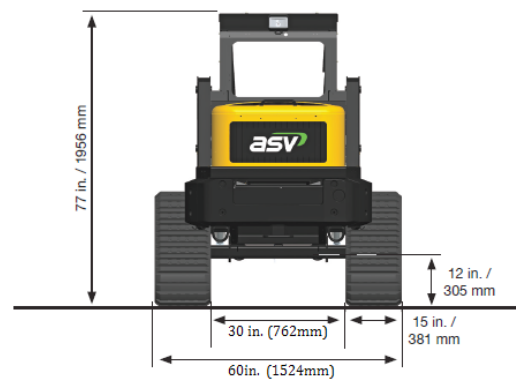
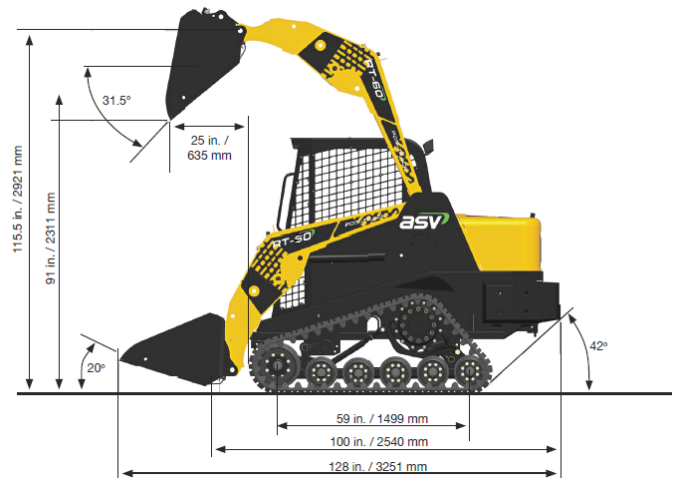
Type	Diesel, 4-Cylinder, Naturally-Aspirated
Model	Perkins 404D-22
Displacement	134 in <sup>3</sup>   2.2 L
Gross Power Rating @ 2800 Rpm	50 hp   37.3 kW
Torque, Peak @1800 RPM	105 ft-lb   143 Nm
Cooling System	Engine-driven fan and coolant/anti-freeze-filled radiator
Intake Air Cleaner	Dual Stage
Emission Controls	Meets all U.S. EPA Tier 4 Final Standards

### UNDERCARRIAGE

Track Type: General purpose track constructed of rubber compound with embedded co-polymer cords and all-purpose treads. Single row of track drive lugs molded in. Turf Track with smooth tread available as an option. Extreme Terrain Track with aggressive treads and 16.5 in   419 mm width available as an option.	
Track Width	15 in   381 mm
Length Of Track On Ground	59 in   1499 mm
Ground Contact Area	1770 in <sup>2</sup>   1.14 m <sup>2</sup>
Drive System	Two hydrostatic direct drive sprockets controlled by a single joystick
Track Drive Sprocket	Elevated with low friction, replaceable sprocket rollers
Undercarriage Suspension	Two independent torsion axles per undercarriage
Roller Wheels	12 high-density polyurethane and rubber wheels per track Wheels include sealed bearings
Roller Wheel Diameter	14 in   365 mm
Front Wheels	10 in   254 mm
Other Wheels	

### AUXILIARY HYDRAULIC SYSTEM

Pump capacity	16.3 gpm   61.7 lpm
System pressure, max.	3000 psi   20670 kPa
Controls	Intermittent via joystick button or continuous via console switch, mode selectable via dash-mounted switch
Couplers	Push-to-connect quick couplers mounted on loader arms Pressure relief valve mounted to coupler block
Cooling system	High efficiency side-by-side radiator and oil cooler





RATED OPERATING CAPACITY - 1600 LBS | 725 KG

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RT-50

## OPTIONAL ATTACHMENTS

Auger Drive And Bits	Grapple Bucket
Backhoe	Pallet Forks
Broom, Rotary	Power Box Rake
Bucket, General Purpose	Snow Blade
Bucket, Light Material	Snow Blower
Bucket, Multi-Purpose	Stump Grinder
Brush Cutter, Rotary	Trencher
Dozer Blade	Vibratory Roller
Eliminator Rake	

## ELECTRICAL SYSTEM

Nominal Charge	12 V
Battery	770 CCA
Charging System	65 Amp Alternator
Outlets	1-12 V Port Inside Operator Station
Wiring	Pre-Wired For All Factory-Available Accessories

## OPERATOR STATION

Seat: Adjustable contour vinyl with built-in operator presence switch, lap bar and 2 in   51 mm wide seat belt	
Loader Control: Right-hand pilot hydraulic joystick controls loader lift/lower and tilt, plus intermittent control of auxiliary hydraulic	
Drive Control: Left-hand pilot hydraulic joystick controls machine speed and direction	
Engine Speed	Foot Pedal & Hand-Operated Throttle Lever
Indicators/ Gauges	Engine Oil Low-Pressure Light Hydraulic Oil High-Temperature Light Engine High-Temperature Light Low Battery Voltage Light Hour Meter Fuel Gauge
ROPS	Meets SAE J1040 MAY94, ISO 3471
FOPS	Meets SAE J1043 SEPT87, ISO 3449
Illumination	4 - Fixed Forward-Facing Halogen Lights 1 - Adjustable Rear-Facing Halogen Light 1 - Interior Light
Convenience	12 V Power Port
Horn	
Backup Alarm	

## SERVICE CAPACITIES

Fuel Tank	13.7 gal   51.9 L
Hydraulic Tank	8 gal   30.3 L
Engine Coolant/Antifreeze	2 gal   7.5 L
Engine Oil, Including Filter	11.2 quarts   10.6 L

## MACHINE OPTIONS

Cab enclosure with wiper	Cab enclosure with heater, insulation, wiper
Beacon, rotating	Front door, polycarbonate
Sound insulation	Window, rear
Suspension seat, adjustable	Windows, side, sliding
Tach and temp guage	Seat belt, 3-inch   76 mm wide
Turf Tracks	Attachment control kit - 8 pin electrical connector
Extreme Terrain Tracks	Bucket Positioning
Engine block heater: recommended for the applications $\leq 32^{\circ}$ F / $0^{\circ}$ C	



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Effective Date: July 2014. Rated Operating Capacity and Tipping Load specifications measured with foundry bucket. Product specifications and prices are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only. Refer to the appropriate Operator's Manual for instructions on the proper use of this equipment. Failure to follow the appropriate Operator's Manual when using our equipment or to otherwise act irresponsibly may result in serious injury or death. The only warranty applicable to our equipment is the standard written warranty applicable to the particular product and sale and ASV LLC makes no other warranty, express or implied. © 2014 ASV LLC. ASV LLC, the ASV LLC design and Works For You are trademarks of ASV LLC or its subsidiaries.