

RT-30 Compact Track Loader





RT-30 Brief Specifications

Operating weight: 3,600 lbs l 1633 kg
Tipping load: 1,900 lbs l 862 kg
Ground pressure: 3.0 psi l 20.7 kPa
Gross engine power 32.7 hp l 24.4 kW

SPECIFICATIONS

OPERATING SPECIFICATIONS

Loader arms	Radial
Operating weight	3600 lbs 1633 kg
Shipping weight	3245 lbs 1472 kg
Ground pressure @ operating weight	3.0 psi 20.7 kPa
Rated operating capacity	
(35% of tipping load)	665 lbs I 302 kg
Operating capacity (50% of tipping load)	950 lbs 431 kg
Tipping load	1900 lbs 862 kg
Travel speed, maximum	5.7 mph 9.2 kph

ENGINE

Туре	Diesel, 3-cylinder, naturally-aspirated
Model	Perkins 403D-15
Displacement	92 in ³ 1.5 L
Gross power rating @ 2800 rpm	32.7 hp 24.4 kW
Torque, peak	64.39 ft-lb 87 Nm
Cooling system	Engine-driven fan and
	coolantlanti-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. Track width 11 in | 279 mm Length of track on ground 55 in | 1397 mm Ground contact area 1183 in² | .76 m² Two hydrostatic direct drive sprockets Drive system controlled by a single joystick Track drive sprocket Elevated with low friction, replaceable sprocket rollers Undercarriage suspension 2 independent torsion axles per undercarriage Roller wheels 12 high-density polyurethane and rubber wheels per track. Wheels include sealed bearings 10 in I 254 mm Roller wheel diameter

AUXILIARY HYDRAULIC SYSTEM

Pump capacity	10 gpm 37.9 lpm
System pressure, max.	3000 psi I 20684 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 oil cooler beside engine
	radiator, not stacked
Standard features	Attachment control kit
	Manual quick-attach

ELECTRICAL SYSTEM

Nominal charge	12 V
Battery	630 CCA
Charging system	65 amp alternator
Outlets	1-12 V port inside operator station
Wiring	Pre-wired for all factory-available accessories
Standard features	Engine block heater

OPERATOR STATION

Seat: Adjustable contour vinyl seat with built-in operator presence switch, lap bar and 2-inch | 51 mm wide seat belt. An adjustable suspension seat is optional.

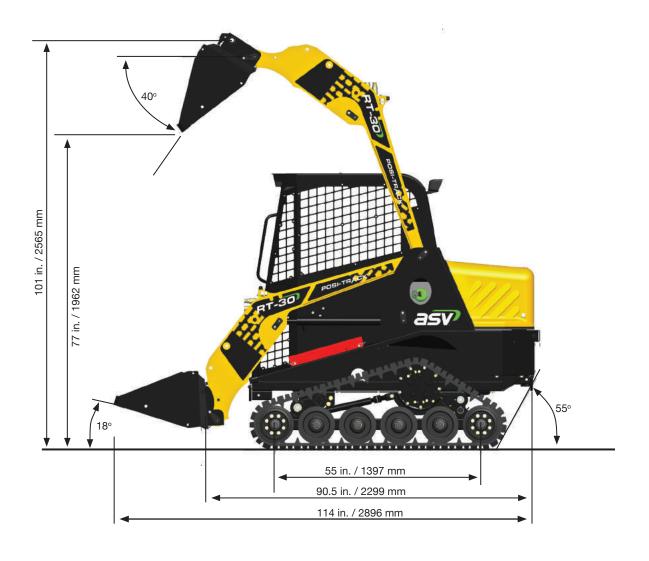
Loader control: Right-hand pilot hydraulic joystick controls loader lift, lower and tilt, plus intermittent control of auxiliary hydraulic.

Drive control: Left-hand pilot hydraulic joystick controls machine speed

and direction.	
Engine speed	Hand-operated throttle lever.
Indicators and	Engine oil low-pressure light
gauges	Hydraulic oil high-temperature light
	Engine high-temperature light
	Low battery voltage light
	Hourmeter
	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
Standard features	Horn, backup alarm,
	sound insulation, rear window

^{*} Machine tested with foundry bucket





SERVICE REFILL CAPACITIES

Fuel tank	10 gal 37.9 L
Hydraulic tank	8 gal 30.3 L
Engine coolant I antifreeze	1.5 gal 5.6 L
Engine oil, including filter	6.3 quarts 6 L

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	





Effective Date: May, 2016

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