



# RT-30

## Compact Track Loader



### RT-30

#### Brief Specifications

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

## 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   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

Type	Diesel, 3-cylinder, naturally-aspirated
Model	Perkins 403D-15
Displacement	92 in <sup>3</sup>   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 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.	
Track width	11 in   279 mm
Length of track on ground	55 in   1397 mm
Ground contact area	1183 in <sup>2</sup>   .76 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	2 independent torsion axles per undercarriage
Roller wheels	12 high-density polyurethane and rubber wheels per track. Wheels include sealed bearings
Roller wheel diameter	10 in   254 mm

\* Machine tested with foundry bucket

## AUXILIARY HYDRAULIC SYSTEM

Pump capacity	10 gpm   37.9 lpm
System pressure, max.	3000 psi   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

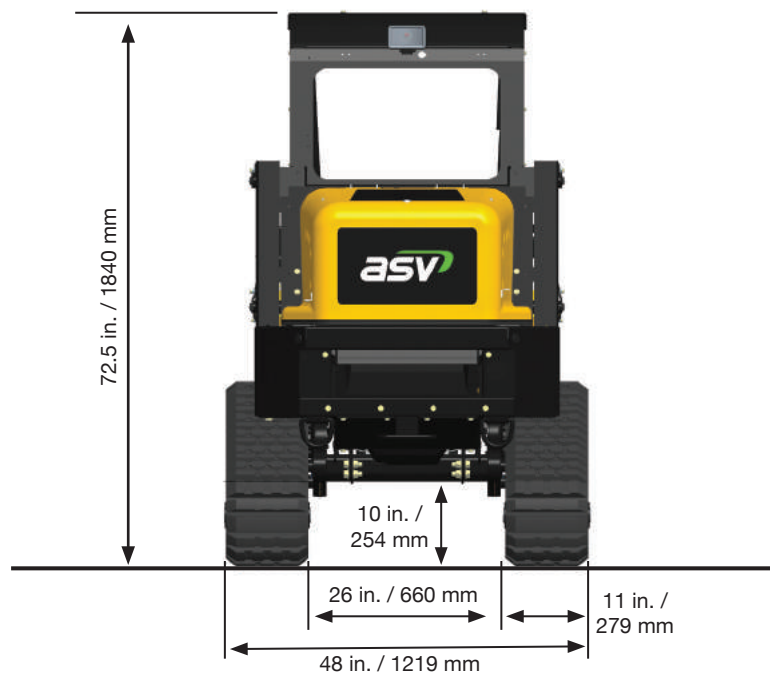
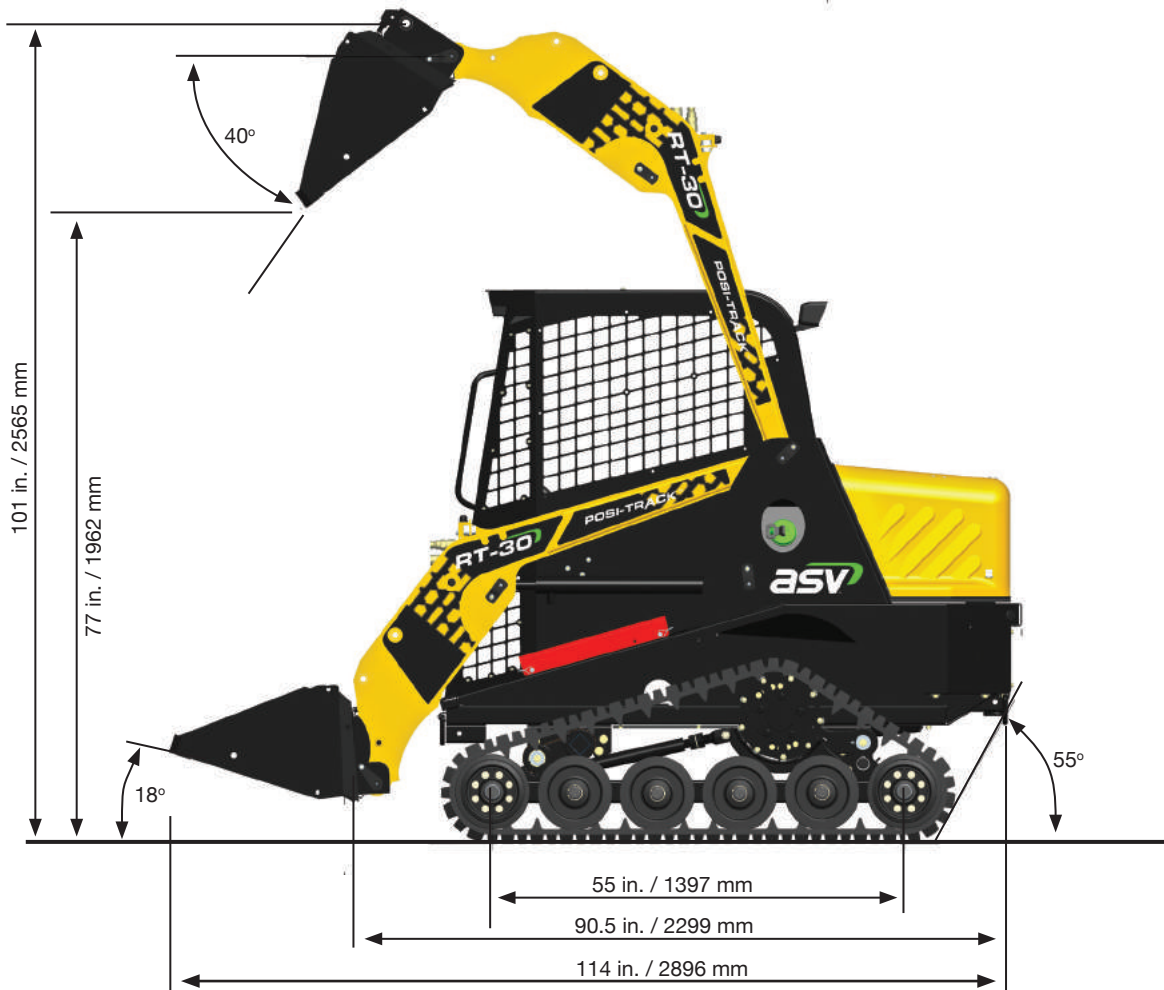
Nominal charge	12 V
Battery	630 CCA
Charging system	65 amp alternator
Outlets	1-12 V port inside operator station
Wiring	Pre-wired for all factory-available accessories
Standard features	Engine block heater

## 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 gauges	Engine oil low-pressure light 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

# DIMENSIONS

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## SERVICE REFILL CAPACITIES

Fuel tank	10 gal   37.9 L
Hydraulic tank	8 gal   30.3 L
Engine coolant   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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