



# RT-75

## Compact Track Loader



### RT-75

#### Brief Specifications

Operating weight:	9,180 lbs   4164 kg
Tipping load:	7,571 lbs   5422 kg
Ground pressure:	3.6 psi   24.8 kPa
Gross engine power:	74 hp   55 kW

## OPERATING SPECIFICATIONS

Loader arms	Radial
Operating weight	9,180 lbs   4164 kg
Shipping weight	8,626 lbs   3916 kg
Ground pressure @ operating weight	std. track - 3.6 psi   24.8 kPa opt. track - 3.2 psi   22 kPa
Rated operating capacity, 35% of tipping load	2,650 lbs   1203 kg
Operating capacity, 50% of tipping load	3,786 lbs   1719 kg
Tipping load	7,571 lbs   3437 kg
Travel speed, maximum - 1 <sup>st</sup> speed	6.3 mph   10.1 kph
Travel speed, maximum - 2 <sup>nd</sup> Speed	9.3 mph   15 kph

## ENGINE

Type	Diesel, 4-cylinder, intercooled, turbocharged
Model	Cummins QSF2.8
Displacement	171 in <sup>3</sup>   2.8 L
Gross power rating @ 2800 rpm	74 hp   55 kW
Torque, peak	221 ft-lb   300 Nm
Cooling system	Temperature-controlled variable speed hydraulically-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.	
Track width	Standard - 18 in.   475 mm Optional Wide Track - 20 in.   508 mm
Length of track on ground	71 in   1803 mm
Ground contact area	2,556 in <sup>2</sup>   1.65 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	24 high-density polyurethane and rubber wheels per track Wheels include sealed bearings
Roller wheel diameter:	
Front and rear wheels	15 in.   381 mm
Middle wheels	10 in.   254 mm

## AUX. HYDRAULIC SYSTEM

Pump capacity: Low - variable from 0-22.6 gpm (85.5 lpm). High - 35.7 gpm (135 lpm)	
System pressure, max.	3,300 psi   22 750 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

## ELECTRICAL SYSTEM

Nominal charge	12 V
Battery	950 CCA
Charging system	120 amp alternator
Outlets	1-12 V port inside operator station
Wiring	Pre-wired for all factory-available accessories

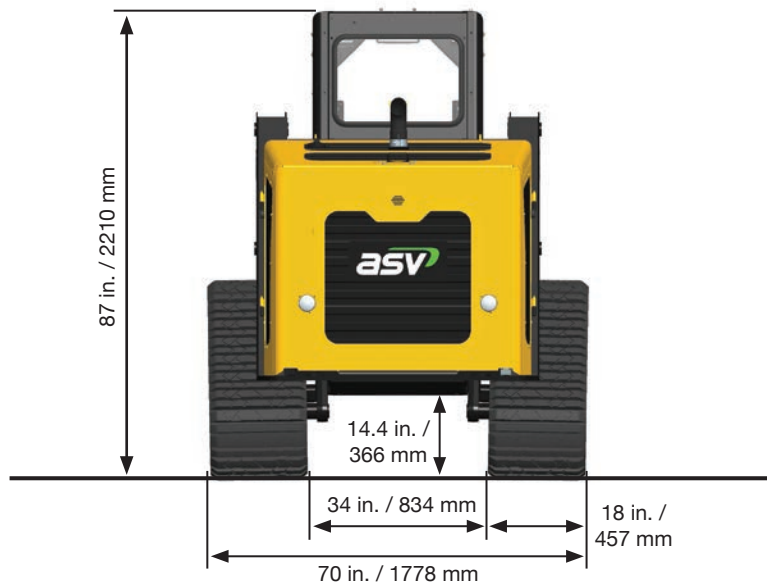
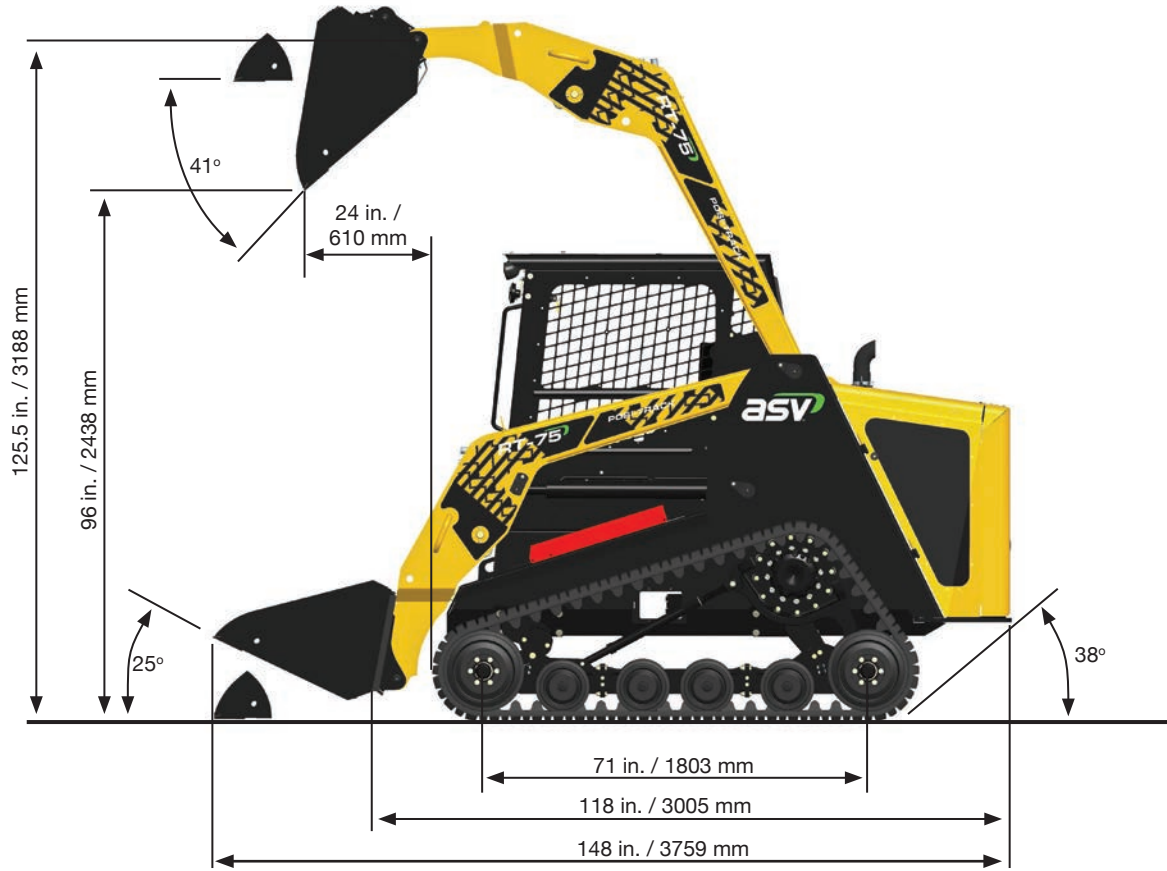
## OPERATOR STATION

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	Hand-operated throttle
Machine display	Engine RPM Engine coolant temperature Engine oil pressure Hydraulic oil temperature Battery voltage Hour meter Fuel level
ROPS	Meets SAE J1040 MAY94, ISO 3471
FOPS	Meets SAE J1043 SEPT87, ISO 3449
Illumination	2 - Fixed forward-facing halogen lights 2 - Adjustable rear-facing halogen lights 1 - Interior light
Convenience	12 V power port
Horn	
Backup alarm	

\* Machine tested with foundry bucket

# DIMENSIONS

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## SERVICE REFILL CAPACITIES

Fuel tank	18.4 gal   70 L
Hydraulic tank	8 gal   30 L
Engine coolant/antifreeze	5.5 gal   20.8 L
Engine oil, including filter	9 quarts   4.7 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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