

# **RT-120 Forestry** Compact Track Loader





#### RT-120 Forestry Brief Specifications

Operating weight: Tipping load: Ground pressure: Gross engine power 12,255 lbs | 5559 kg 10,700 lbs | 4853 kg 4.3 psi | 29.7 kPa 120 hp | 89.5 kW

# SPECIFICATIONS

# RT-120 FORESTRY

## OPERATING SPECIFICATIONS

Loader arms	Radial
Operating weight	12,255 lbs   5559 kg
Shipping weight	11,381 lbs   5162 kg
Ground pressure @ operating weight	4.3 psi   29.7 kPa
Rated operating capacity,	
35% of tipping load	3,745 lbs   1699 kg
Operating capacity, 50% of tipping load	5,350 lbs   2427 kg
Tipping load	10,700 lbs   4853 kg
Travel speed, maximum - 1st speed	6 mph   9.7 kph
Travel speed, maximum - 2 <sup>nd</sup> Speed	10 mph   16 kph

#### ENGINE

Туре	Diesel, 4-cylinder, intercooled, turbocharged
Model	Cummins QSF3.8
Displacement	232 in <sup>3</sup>   3.8 L
Gross power rating @ 2800 rpm	120 hp   89.5 kW
Torque, peak	360 ft-lb   488 Nm
Cooling system	Temperature-controlled, variable speed and operator time-selectable, hydraulically-driven, auto-reversing fan and coolant/anti-freeze-filled radiator
Intake air cleaner	Three-stage
Emission controls	Meets all U.S. EPA Tier 4 final standards
Standard feature	Auto idle

#### UNDERCARRIAGE

Track type: General purpose track constructed of rubber compound with embedded co-polymer cords and all-purpose treads.	
Track width	20 in.   508 mm
Length of track on ground	71 in   1803 mm
Ground contact area	2,840 in <sup>2</sup>   1.83 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 Middle wheels	15 in.   381 mm 10 in.   254 mm

\* Machine tested with foundry bucket

## AUX. HYDRAULIC SYSTEM

Pump capacity:	Low - variable from 0-20 gpm   75.7 lpm. High - variable from 30 gpm   114 lpm to 45 gpm   170 lpm
System pressure,	Low - 3,300 psi   22 750 kPa High - 4,060 psi   27 993 kPa
Controls	Intermittent via joystick button or continuous via console switch. High-flow is adjustable and loader/auxiliary sharing is adjustable via machine display
Couplers	Push-to-connect quick couplers mounted on loader arms. Pressure relief valve on 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
Standard features	Attachment control kit, block heater

#### OPERATOR STATION

Seat: Adjustable contour vinyl with built-in operator presence switch, lap bar and 2 in | 51 mm wide seat belt

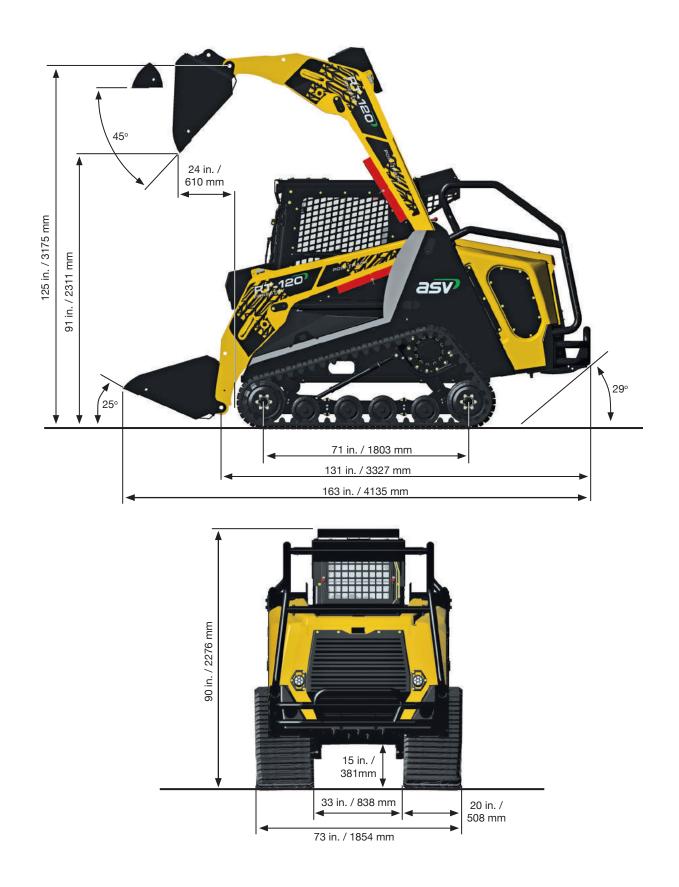
Loader control: Right-hand pilot electronic joystick controls loader lift, lower and tilt, plus intermittent control of auxiliary hydraulic. Loader speed is adjustable and selectable from ISO or H control pattern.

Drive control: Left-hand pilot electronic joystick controls machine speed and direction. Track speed is adjustable, includes a Creep Mode and is selectable from ISO or H control pattern.

Engine speed	Hand-operated throttle
Machine display	Engine RPM, fuel level, coolant temperature, air inlet temperature, engine oil pressure, voltage, hydraulic oil temperature, travel speed, DEF level, engine hourmeter, trip meter self-diagnostics including stored history, air filter indicator, loader/aux. hydraulic sharing, auxiliary hydraulic flow, winch (optional) control
ROPS	Meets SAE J1040 APR88, ISO 3471:2008, ISO 8082-1:2009
FOPS	Meets ISO 3449:2005 level 2, ISO 8083:2006, BC WCB G608
OPS	Meets SAE J1084:2002, ISO 8084:2003, BC WCB G603:1990, BC WCB G604:1990
Illumination	<ul> <li>2 - Adjustable forward-facing halogen lights</li> <li>2 - Adjustable rear-facing halogen lights</li> <li>1 - Interior light</li> </ul>
Convenience	12 V power port
Standaard features:	Horn, backup alarm, rear view camera

# DIMENSIONS





## SPECIFICATIONS

## RT-120 FORESTRY

#### SERVICE REFILL CAPACITIES

Fuel tank	30 gal   114 L
Hydraulic tank	22 gal   83 L
Engine coolant/antifreeze	5.5 gal   20.8 L
Engine oil, including filter	12 quarts   11.4 L

#### OPTIONAL ATTACHMENTS

Dirt bucket, 74 inch I 1876 mm wide
Tooth bar, 74 inch   1876 mm wide
Loftness mulching head, 61 inch   1549 mm wide
Loftness mulching head w/Quadco teeth, 61 inch   1549 mm wide

Effective Date: May 2016

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