

RT-120 Compact Track Loader





RT-120 Brief Specifications

Operating weight: 11,265 lbs | 5110 kg
Tipping load: 10,100 lbs | 4581 kg
Ground pressure: 4.4 psi | 30.3 kPa
Gross engine power 120 hp | 89.5 kW

SPECIFICATIONS

OPERATING SPECIFICATIONS

Loader arms	Radial
Operating weight	11,265 lbs 5110 kg
Shipping weight	10,391 lbs 4713 kg
Ground pressure @ operating weight	4.4 psi 30.3 kPa
Rated operating capacity,	
35% of tipping load	3,535 lbs 1603 kg
Operating capacity, 50% of tipping load	5,050 lbs 2291 kg
Tipping load	10,100 lbs 4581 kg
Travel speed, maximum - 1st speed	6 mph 9.7 kph
Travel speed, maximum - 2 nd Speed	10 mph 16 kph

ENGINE

Туре	Diesel, 4-cylinder, intercooled, turbocharged
Model	Cummins QSF3.8
Displacement	232 in ³ 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 hydraulically-driven 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.

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Track width	18 in. l 457 mm
Length of track on ground	71 in 1803 mm
Ground contact area	2,556 in ² 1.65 m ²
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

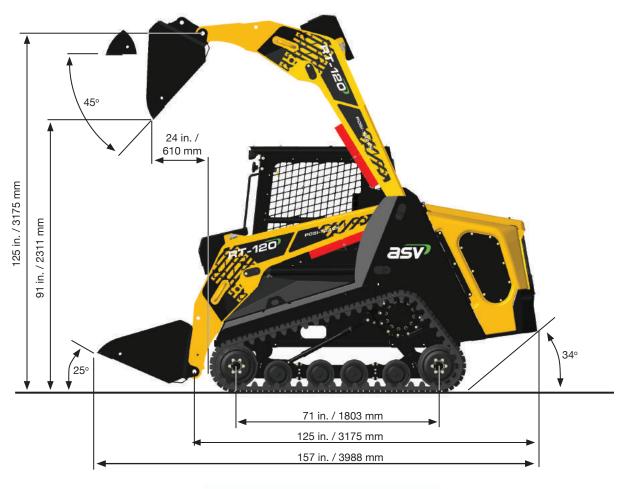
OPERATOR STATION

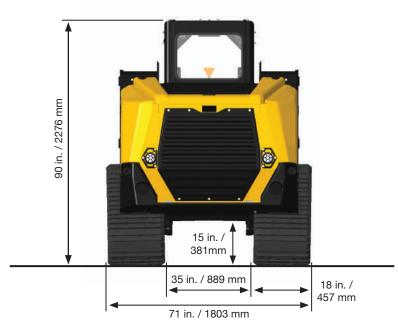
Seat: Adjustable contour vinyl with built-in operator presence switch, lap bar and 2 in l 51 mm wide seat belt

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 ISO 3471:2008, ISO 6683:2005
FOPS	Meets ISO 3449:2005 level 1, SAE J386:2006-2
Illumination	2 - Adjustable forward-facing halogen lights 2 - Adjustable rear-facing halogen lights 1 - Interior light
Convenience	12 V power port
Standard features	Horn, backup alarm, rear-view camera





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, 72 inch I 1829 mm wide, or	
Dirt Bucket, 74 inch 1880 mm wide	
Tooth bar, 72 inch I 1829 mm wide, or	
Tooth bar, 74 inch 1880 mm wide	

Effective Date: May 2016

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