

Ramtec®

Skid Steer Loader RS Series



Ramtec®

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RS-Skid Steer Loader

Power System

World-renowned Yanmar engine: powerful, quiet, reliable, easy maintenance.

Built for construction, high reliability & fuel efficiency.

Optional coolant parking heater: easy cold start, longer engine life, lower fuel & noise, higher productivity.

Hydraulic System

Full hydraulic control, sensitive & precise operation.

Heavy-duty hydraulic hoses for safety.

Optimized hydraulics for smooth compound actions; arm-bucket flow control for stable efficient work.

Auto boom lock on engine shutdown for safety.

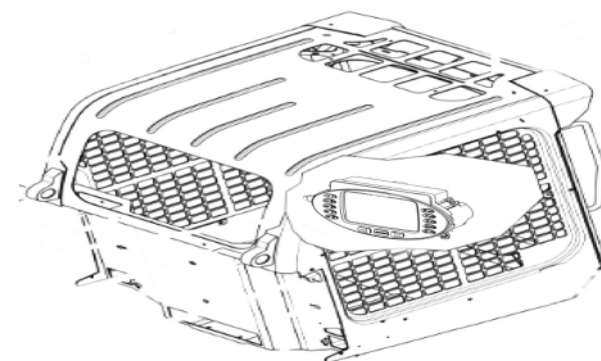
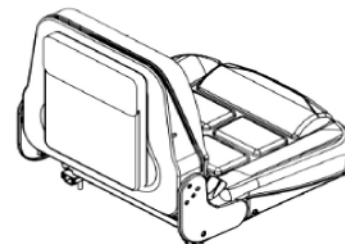
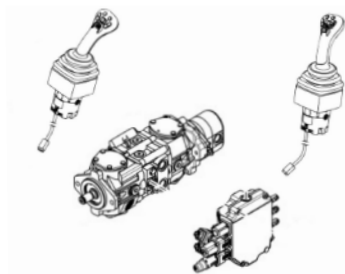
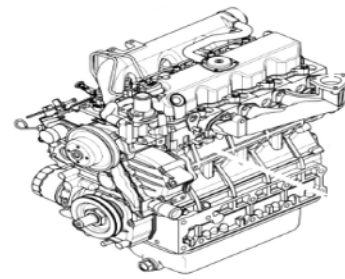
Cabin

High-tensile reinforced impact-resistant cabin, safer on tough sites; full tilt for easy service.

Spacious, panoramic windows & slim A-pillars for wide visibility.

Air suspension seat (heating optional) with linked armrests reduces bump fatigue. AC, radio, interior lights for comfort.

7-inch touchscreen with full parameters; rear camera eliminates blind spots.



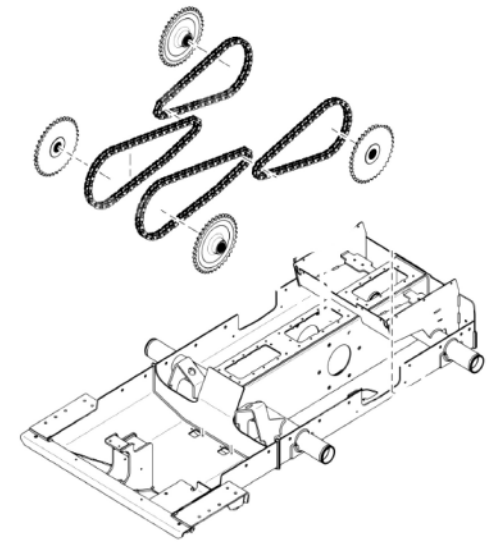
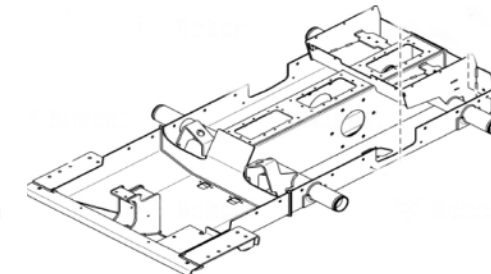
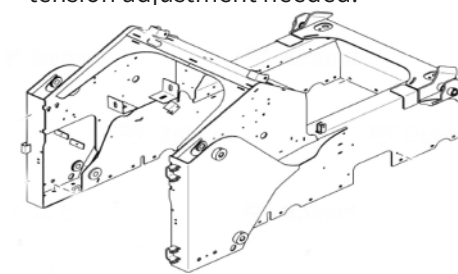
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Chassis

Keel hull frame: avoids scraping & getting stuck, low wear.

70/30 front-rear weight ratio: strong rear traction, less tire slip, lighter steering, longer tire life.

Lifetime maintenance-free chain box: self-lubricated oval chain, no lubrication or tension adjustment needed.

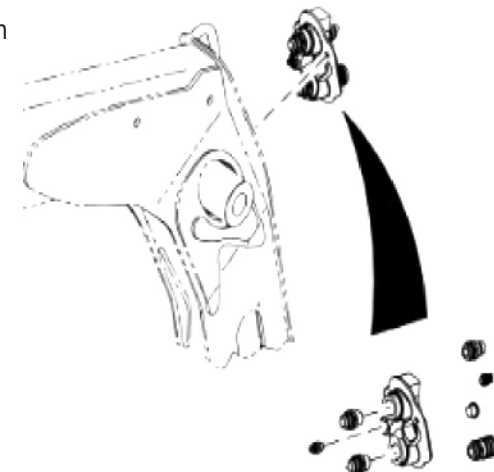
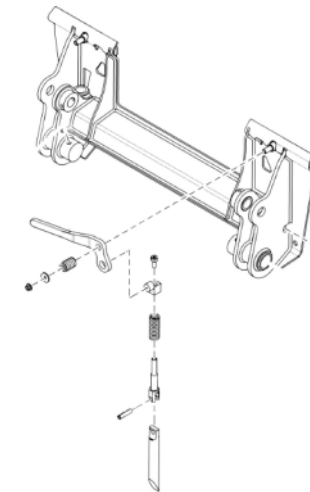
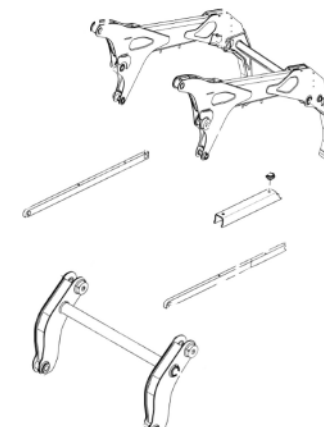


Working Equipment

Reinforced lift arm with heavy-duty pins, high load capacity & long service life.

Built-in hydraulic & electrical ports, easy to operate, fits most attachments.

Vertical lift: higher lifting, longer reach, bigger load, stable & durable. Multi-link design relieves stress, no deformation or cracking under heavy loads.



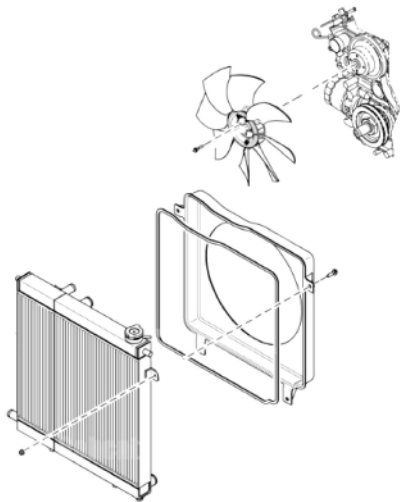
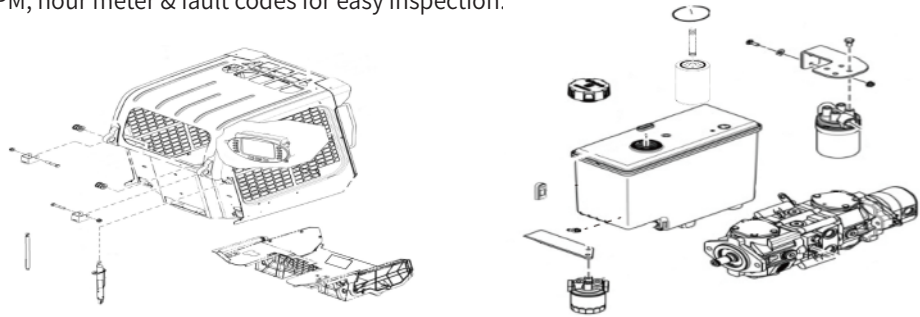
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Daily Maintenance

Real-time fault alerts: text & icons for overheat, low oil pressure, sensor/circuit errors; multi-language support.

Safety lock & door reminder: constant screen warning for open doors to standardize operation and cut accidents.

All machine data centralized on one screen: coolant/oil temp, voltage, fuel, hydraulic pressure, eng RPM, hour meter & fault codes for easy inspection.



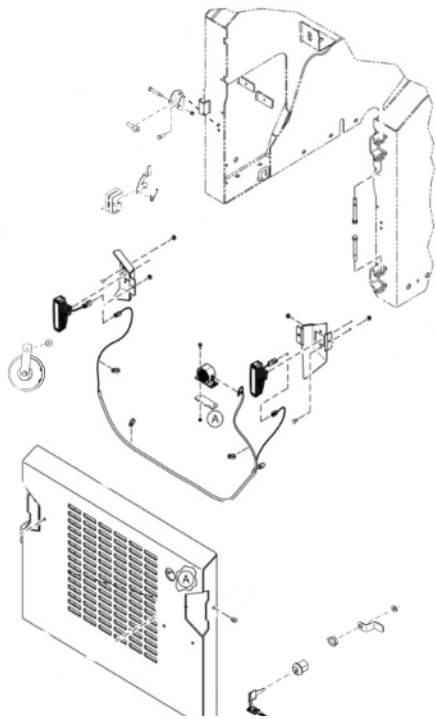
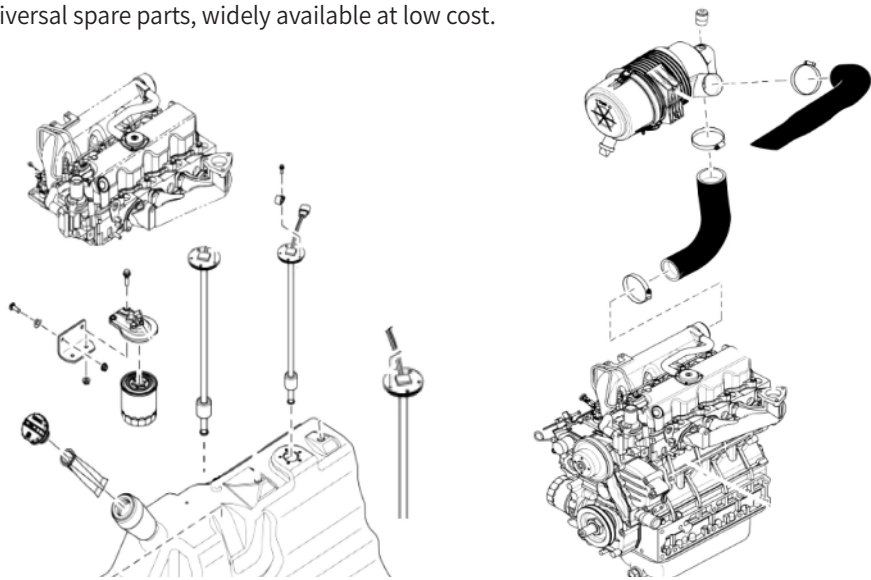
Servicing & Maintenance

Wide-tilt cabin and fully open engine hood for easy service.

All service parts are easily accessible for quick replacement.

High-reliability core parts reduce breakdowns and service frequency.

Universal spare parts, widely available at low cost.



RS850-SPECIFICATIONS

Machine Rating:

Rated Operating Capacity	869 kg
Tipping Load	1793 kg
Pump Capacity	76.8 l/min
System relief at quick couplers	23.8-24.5 Mpa
Travelling Speed (MAX)	11.3/19.3 km/h

Engine:

Make / Model	YANMAR/4TNV94
Fuel	Diesel
Cooling	Liquid
Maximum Power @2400 rpm	35.5 kW(48hp)
Torque @1600 rpm	158.6 Nm
Number of Cylinders	4
Displacement	3.05 L
Fuel Tank	68 L

Weights:

Operating Weight	2990 kg
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Controls:

Vehicle Steering	Direction and speed controlled by left-hand levers
Loader hydraulics tilt and lift	Controlled by right hand levers
Front Auxiliary (standard)	Electrical switch on right-hand steering lever

Drive System:

Transmission	Infinitely variable tandem hydrostatic piston pumps, driving two fully reversing hydrostatic motors
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Standard Features:

Automatically activated glow plugs	Instrumentation
Auxiliary hydraulics:	Lift arm support
Bab-Tach frame	Operating lights, front and rear
Suspension Seat	Parking brake
Spark arrestor muffler	Seat belt
Electrically activated proportional front auxiliary hydraulics	Seat bar
Engine / hydraulics system shutdown	
ROPS/FOPS Cabin	
Backup Alarm	

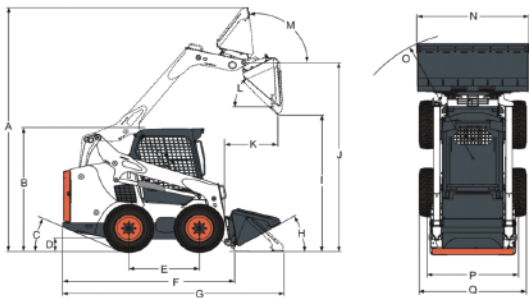
Roll Over Protective Structure (ROPS) meets requirements of SAE J1040 and ISO 3471; Falling Object Protective Structure (FOPS) meet requirements of SAE J1043 and ISO 3449, level 1

Options:

Cab enclosure
Cab enclosure with HVAC
Solid tyres

Dimensions:

(dimensions in mm)



A	3980mm	J	3120mm
B	2150mm	K	880mm
C	25°	L	42°
D	185mm	M	97°
E	1075mm	N	1735mm
F	2660mm	O	2088mm
G	3470mm	P	1190mm
H	30°	Q	1705mm
I	2250mm		

Attachments:

Angle Brooms	Planers
Augers	Root Grapples
Backhoes	Scarifiers
Bale Forks	Scrapers
Breakers	Seeders
Brush Saws	Skeleton Buckets
Concrete Mixers	Snow & Light Material Buckets
Construction / Industrial Buckets	Snow Blades
Diggers	Snowblowers
Dozer Blades	Snow Pushers
Dumping Hoppers	Snow V-Blades
Fertilizer Buckets	Sod Layers
General Purpose Buckets	Soil Conditioners
Grapples, Industrial	Water Kits
Landplanes	Spreaders
Landscape Rakes	Stabilizers
Low Profile Buckets	Sweepers
Whisker Brooms	Tillers
Mowers	Tilt-Tatch
Packer Wheels	Tracks
Pallet Fork Accessories	Trenchers
Pallet Forks, Hydraulic	Utility Forks
Pallet Forks, Standard	Utility Frames
	Vibratory Rollers



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RS1000-SPECIFCATIONS

Machine Rating:

Rated Operating Capacity	1000 kg
Tipping Load	1899 kg
Pump Capacity	84.5 l/min
System relief at quick couplers	23.8-24.5 Mpa
Travelling Speed (MAX)	11.3/19.3 km/h

Engine:

Make / Model	YANMAR/4TNV94
Fuel	Diesel
Cooling	Liquid
Maximum Power @2400 rpm	35.5 kW(48hp)
Torque @1600 rpm	158.6 Nm
Number of Cylinders	4
Displacement	3.05 L
Fuel Tank	68 L

Weights:

Operating Weight	3190 kg
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Controls:

Vehicle Steering	Direction and speed controlled byleft-hand levers
Loader hydraulics tilt and lift	Controlled byright hand levers
Front Auxiliary (standard)	Electrical switch on right-hand steering lever

Drive System:

Transmission	Infinitely variable tandem hydrostatic piston pumps, driving two fully reversing hydrostatic motors
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Standard Features:

Automatically activated glow plugs	Instrumentation
Auxiliary hydraulics:	Lift arm support
Bab-Tach frame	Operating lights, front and rear
Suspension Seat	Parking brake
Spark arrestor muffler	Seat belt
Electrically activated proportional front auxiliary hydraulics	Seat bar
Engine / hydraulics system shutdown	
ROPS/FOPS Cabin	
Backup Alarm	

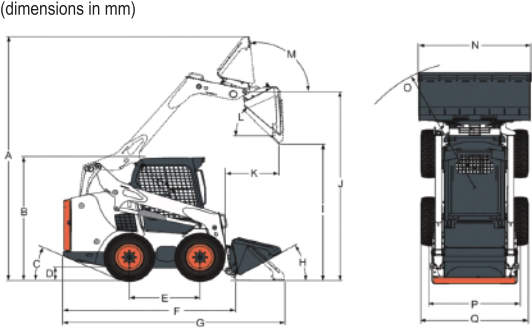
Roll Over Protective Structure (ROPS) meets requirements of SAE J1040 and ISO 3471; Falling Object Protective Structure (FOPS) meet requirements of SAE J1043 and ISO 3449, level 1

Options:

Cab enclosure
Cab enclosure with HVAC
Solid tyres



Dimensions:



A	4010mm	J	3150mm
B	2180mm	K	880mm
C	25°	L	42°
D	215mm	M	97°
E	1075mm	N	1735mm
F	2660mm	O	2088mm
G	3470mm	P	1190mm
H	30°	Q	1775mm
I	2280mm		

Attachments:

Angle Brooms	Planers
Augers	Root Grapples
Backhoes	Scarifiers
Bale Forks	Scrapers
Breakers	Seeders
Brush Saws	Skeleton Buckets
Concrete Mixers	Snow & Light Material Buckets
Construction / Industrial Buckets	Snow Blades
Diggers	Snowblowers
Dozer Blades	Snow Pushers
Dumping Hoppers	Snow V-Blades
Fertilizer Buckets	Sod Layers
General Purpose Buckets	Soil Conditioners
Grapples, Industrial	Water Kits
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Landscape Rakes	Stabilizers
Low Profile Buckets	Sweepers
Whisker Brooms	Tillers
Mowers	Tilt-Tatch
Packer Wheels	Tracks
Pallet Fork Accessories	Trenchers
Pallet Forks, Hydraulic	Utility Forks
Pallet Forks, Standard	Utility Frames
	Vibratory Rollers

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RS1200-SPECIFCATIONS

Machine Rating:

Rated Operating Capacity	1200 kg
Tipping Load	2980 kg
Pump Capacity	110 l/min
System relief at quick couplers	23.8-24.5 Mpa
Travelling Speed (MAX)	11.5/22.5km/h

Engine:

Make / Model	YANMAR/4TNV98T
Fuel	Diesel
Cooling	Liquid
Maximum Power @2500 rpm	63.9 kW
Torque @1850 rpm	283.5 Nm
Number of Cylinders	4
Displacement	3.3 L
Fuel Tank	68 L

Weights:

Operating Weight	3880 kg
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Controls:

Vehicle Steering	Direction and speed controlled byleft-hand levers
Loader hydraulics tilt and lift	Controlled byright hand levers
Front Auxiliary (standard)	Electrical switch on right-hand steering lever

Drive System:

Transmission	Infinitely variable tandem hydrostatic piston pumps, driving two fully reversing hydrostatic motors
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Standard Features:

Automatically activated glow plugs	Instrumentation
Auxiliary hydraulics:	Lift arm support
Bab-Tach frame	Operating lights, front and rear
Suspension Seat	Parking brake
Spark arrestor muffler	Seat belt
Electrically activated proportional front auxiliary hydraulics	Seat bar
Engine / hydraulics system shutdown	
ROPS/FOPS Cabin	
Backup Alarm	

Roll Over Protective Structure (ROPS) meets requirements of SAE J1040 and ISO 3471; Falling Object Protective Structure (FOPS) meet requirements of SAE J1043 and ISO 3449, level 1

Options:

Cab enclosure
Cab enclosure with HVAC
Solid tyres



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