

RTX750 SOC

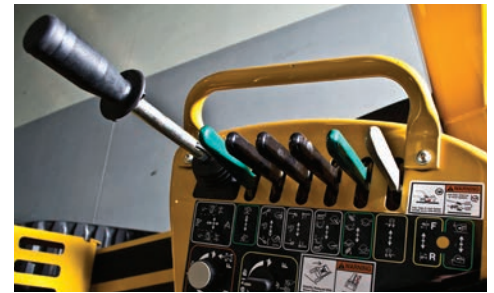
RIDE-ON TRACTOR



TRENCHER ATTACHMENT. The trencher attachment in this RTX750 SOC can cut a 60.9-cm (24-in) wide by 91.4-cm (36-in) deep trench. The sliding trencher moves from the center to 40.6-cm (16-in) to the left and the height can be adjusted for convenient transport.



LOADOUT CONVEYOR ATTACHMENT. The loadout conveyor attachment can work with up to 10-tonnes (9.07-tons) dump truck, enabling operators to work in tight, urban areas with the layout feeding directly into the dump truck.



ROTATING OPERATOR'S STATION. Along with the attachment controls, the operator's station can manually rotate 90 degrees.



INTEGRATED SYSTEM DISPLAY. An integrated system display toggles through machine diagnostics including engine rpm, fuel, alternator voltage, engine water temperature and engine hours. Whether using in ground drive or using a rear attachment, the display indicates the percentage of the hydrostatic capacity being used.



TRENCHSENSE™ ELECTRONIC CONTROL SYSTEM. When difficult ground conditions are encountered causing a sudden drop in engine rpm or the trencher chain to stop, the TrenchSense™ electronic control system automatically pauses the forward motion of the tractor to prevent engine shutdown and recalibration of the machine controls.

Once preset engine rpm and trencher speed recovers, forward auto creep resumes.



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RTX750 SOC RIDE-ON TRACTOR

GENERAL DIMENSIONS AND WEIGHTS

Weight (basic tractor, rubber tires): 6,200 lb (2,812.3 kg)
Length (basic tractor, rubber tires): 97.3 in (247.1 cm)
Width (basic tractor, rubber tires): 73.4 in (186.4 cm)
Height (basic tractor, rubber tires): 96.8 in (245.9 cm)
Tread width with rubber tires (centerline to centerline): 63.4 in (161 cm)
Ground clearance (rubber tires): 8.8 in (22.4 cm)
Angle of approach (basic tractor, rubber tires): 25 degrees
Roll over protection structure (open cab): 17,000 lb (7,711.07 kg)

HYDRAULIC SYSTEM

Auxiliary pump capacity: 19.4 gpm (73.5 L/min)
Auxiliary pump relief: 2,500 psi (172.5 bar)
Attachment pump capacity: 35 gpm (132.7 L/min)
Attachment pump relief: 5,500 psi (379.5 bar)
Ground drive pump capacity: 35 gpm (132.7 L/min)
Ground drive pump relief: 4,350 psi (300.2 bar)

ENGINE OPTION ONE

Make and model: Deutz TD2.9L4
Gross horsepower (maximum): 74 hp (55.2 kW)
Number of cylinders: 4
Maximum operating angle (front/back): 25 degrees
Maximum operating angle (left/right): 25 degrees
Fuel type: Diesel
Emissions rating: Tier 4 final
CE approved: Yes
Guaranteed sound power (CE-rating): 110 db(A)
Noise level at operator's ear: 94 db(A)
Cooling method: Liquid
Aspiration: Turbo
Max fuel consumption: 3.9 gpm (14.9 L/min)
Idle speed: 1,000 rpm
Rated rpm: 2,600 rpm

ELECTRICAL SYSTEM

System voltage: 12 volt

ENGINE OPTION TWO

Make and model: Kohler ECH749
Gross horsepower: 26.5 hp (19.8 kW)
Cooling medium: Air
Maximum operating angle (front/back): 25 degrees
Maximum operating angle (left/right): 25 degrees
Fuel type: Gasoline
Emissions rating: China, EPA, ARB, EU Stage 5
CE approved: Yes
Guaranteed sound power (CE-rating): 110 db(A)
Noise level at operator's ear: 94 db(A)
Idle speed: 1,800 rpm
Rated rpm: 3,400 rpm
Net horsepower: 25.5 hp (19.0 kW)
Displacement: 45 cu-in (0.7 L)
Cooling method: Air
Aspiration: Natural
Max fuel consumption: 1.9 gph (7.2 L/min)
Run time at full load: 4.7 hr

GROUND DRIVE—RUBBER TIRE

Maximum forward transport speed (high): 4 mph (6.4 km/hr)
Maximum reverse transport speed (high): 4 mph (6.4 km/hr)

AXLE OPTIONS

Front axle type: Steerable planetary with hydraulic differential lock
Rear axle type: Steerable planetary with hydraulic differential lock
Axle load rating (static, per axle): 11,250 lbs (5,102.9 kg)
Outside turning diameter (rubber tires, front steer only): 33.3 ft (9.99 m)
Outside turning diameter (rubber tires, front and rear steer): 16.8 ft (5 m)

CAPACITIES

Fuel tank: 27 gal (102.3 L)
Hydraulic tank: 18 gal (68.2 L)
Hydraulic system: 25 gal (94.8 L)
Coolant: 3 gal (11.4 L)