



**REX700**

**EXCAVATOR**



# Unprecedented precision and ease of operation.



This Rhino excavator is loaded with enhancements that not only increase productivity and uptime, but lower daily operating costs, too. A high-efficiency “on-demand” cooling system, advanced multifunction monitor, and productivity modes to allow you to choose your digging style headline the long list of advances.



1. Level climate-control system with automotive-style adjustable louvers helps keep the glass clear and the cab comfortable.
2. LCD monitor provide intuitive access to a wealth of information and functions.
3. Ergonomically correct short-throw pilot levers provide smooth, predictable fingertip control with less movement or effort.



## ENGINE

Engine Make/ Engine Model	Cummins / QSX15 or Rhino
Emission (optional)	Tier 4 (Tier2, Tier3)
Cylinders	6
Displacement L (cu. In)	11(671)
Net Power kW (Hp) @1,800 rpm	264(354)
Peak torque kW (Hp) @ 1,400	2,202(1,624)
Fuel System	Direct Injection
Aspiration	Turbocharged, air-to-air charge air cooler

## COOLING

Fan Drive	Hydraulically driven
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## POWERTRAIN

Type	Dual speed mode for tracks on-dash one-button activation
Maximum Travel Speeds	
Low	2(1)
High	4(2)

## HYDRAULICS

Type	Open center, load sensing; two variable-displacement axial-piston pumps
Pressure Mpa (psi)	35(5,076)
Max. Flow L/min (gpm) (each)	430(114)
Power Boost Mpa (psi)	36(5,221)
Control	Pilot levers, low-effort hydraulic controls with horn and boost buttons

## CYLINDERS

	Bore	Rod Diameter	Stroke
Boom (2) mm (in)	190(7.5)	130(5.1)	1,790(70.5)
Arm (1) mm (in)	210(8.3)	140(5.5)	2,110(83.1)
Bucket (1) mm (in)	190(7.5)	130(5.1)	1,440(56.7)

## ELECTRICAL

Number of Batteries	2
Voltage	24 Volts
Alternator Rating	50 A
Lights	5 Front lights, 1 Rear lights

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**UNDERCARRIAGE**

Carrier Rollers (each side)	2
Track Rollers (each side)	9
Shoes (each side) Triple Semi-Grousers	51
Max.Drawbar Pull kg (lb)	50,200(110,672)
Track	
Adjustment	Hydraulic
Guides	Front Idler
Chain	Sealed and lubricated

**GROUND PRESSURE**

Triple Semi-Grouser (700mm) (28 in) Shoes Kpa (psi)	89(12.9)
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**SWING MECHANISM**

Speed	8.6 rpm
Torque Nm (lb-ft)	216,560(159,726)

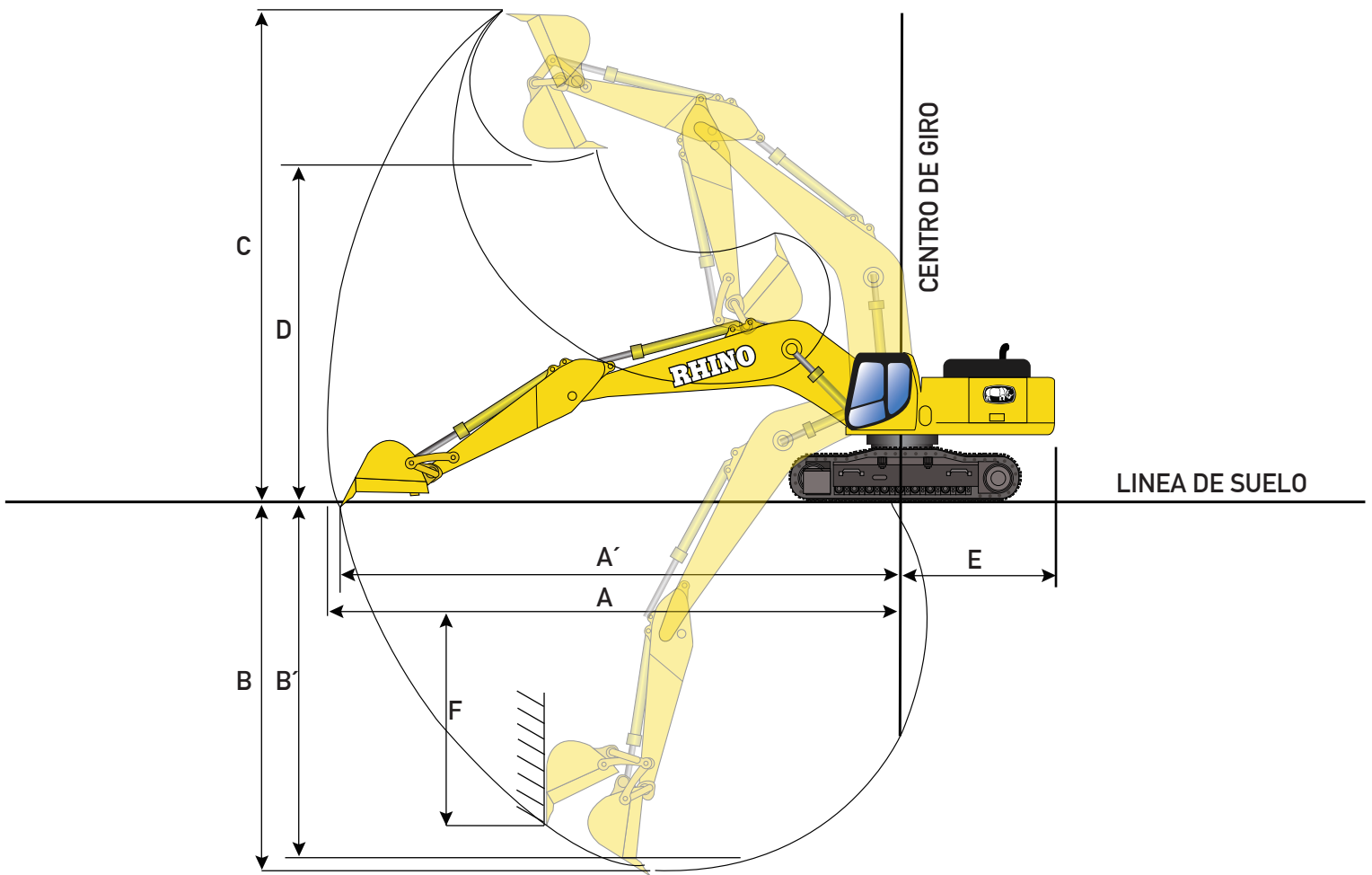
**REFILL CAPACITIES L (gal)**

Fuel Tank	900(238)
Cooling System	75(20)
Engine Oil	50(13)
Hydraulic Tank	400(106)
Swing Mechanism	15(4.0)
Final Drive Case (each)	16(4.2)

**OPERATING WEIGHTS**

With full fuel tank: 79 kg (175lb) operator; 4.0 m <sup>3</sup> (5.2 cu. Yd). general purpose bucket; 700 mm (28 in) shoes; and 3,020 mm (10 ft) arm	
Base Weight kg (lb)	70,000(154,324)

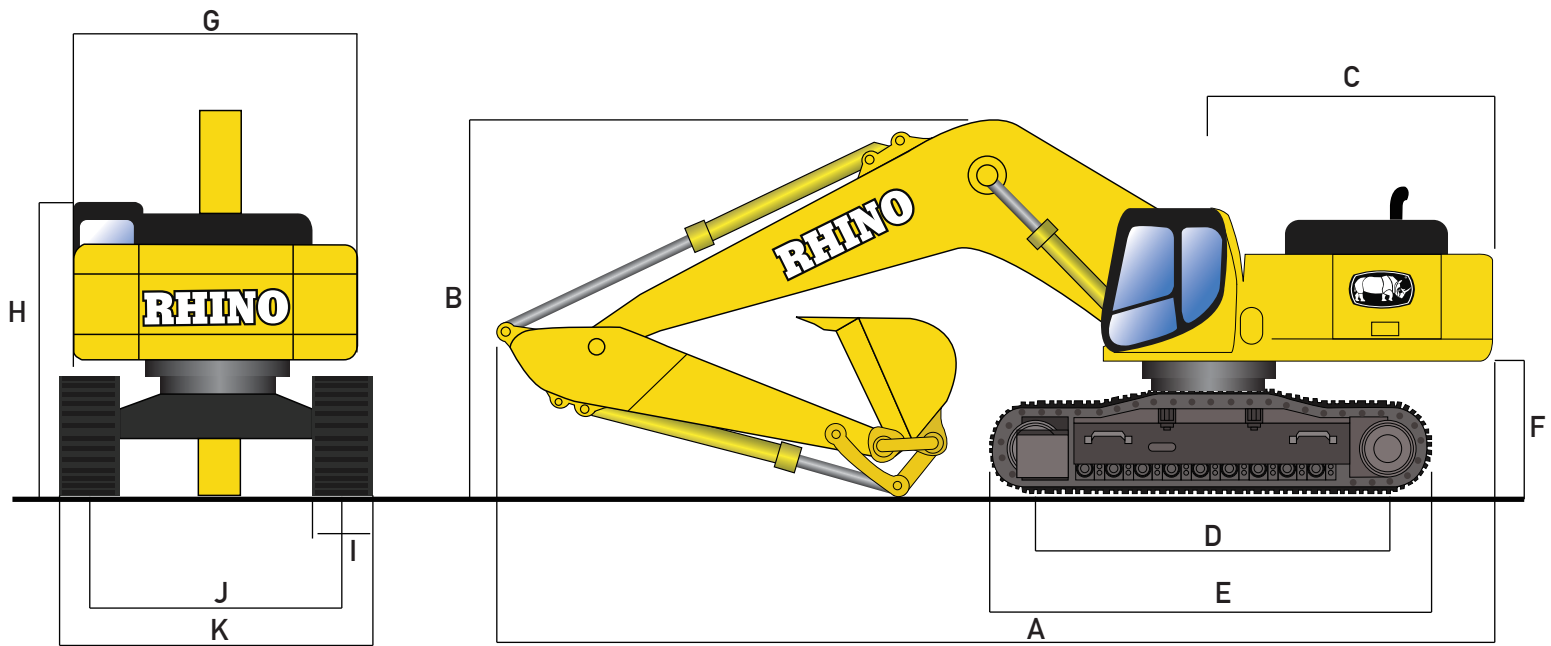
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## OPERATING DIMENSIONS

Arm Length mm (ft)	3,020(9.9)
Arm Digging Force kN (lb)	262(58,900)
Bucket Digging Force kN (lb)	328(73,737)
Lift Over End at 15' Radius, Ground Level kg (lb)	17,800(39,242)
Lift Over End at 20' Radius, Ground Level kg (lb)	26,980(59,481)
Lift Over End at 25' Radius, Ground Level kg (lb)	21,200(46,738)
Lift Over Side at 15' Radius, Ground Level kg (lb)	17,800(39,242)
Lift Over Side at 20' Radius, Ground Level kg (lb)	22,980(50,662)
Lift Over Side at 25' Radius, Ground Level kg (lb)	16,300(35,935)
A. Max. Reach mm (ft)	11,740(38.5)
A'. Max. Reach at Ground Level mm (ft)	11,440(37.5)
B. Max. Digging Depth mm (ft)	7,185(23.6)
B'. Max. Digging Depth at 2,440 mm (8 ft) Falt Bottom mm (ft)	6,800(22.3)
C. Max. Cutting Height mm (ft)	11,140(36.5)
D. Max. Dumping Height mm (ft)	7,050(23.1)
E. Tail Swing Radius mm (ft)	4,000(13.1)
F. Max. Vertical Wall mm (ft)	5,555(18.2)

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## MACHINE DIMENSIONS

A. Overall Length with 3,020 mm (9.9 ft) Arm mm (ft)	12,170(39.9)
B. Overall Height with 3,020 mm (9.9ft) Arm mm (ft)	4,780(15.7)
C. Swing Radius mm (ft)	3,530(11.6)
D. Length of Track on Ground mm (ft)	4,720(15.5)
E. Undercarriage Length mm (ft)	5,990(19.7)
F. Counterweight Clearance mm (ft)	2,500(8.2)
G. Upperstructure Width mm (ft)	4,015(13.2)
H. Cab Height mm (ft)	3,538(11.6)
I. Track Width mm (in)	700(27.6)
J. Gauge Width mm (ft)	3,350(11.0)
K. Overall Width with Triple Semi-Grouser 700 mm (28 in) Shoes mm (ft)	4,000(13.1)

## ATTACHMENTS

Rhino excavators come standard with the hydraulic line for attachments. Attachments include hydraulic hammers, thumb cutters, and many more.

Rhino Hydraulic Hammer Match: 3550EX



Rhino Excavators can come with different types of buckets depending on work requirements

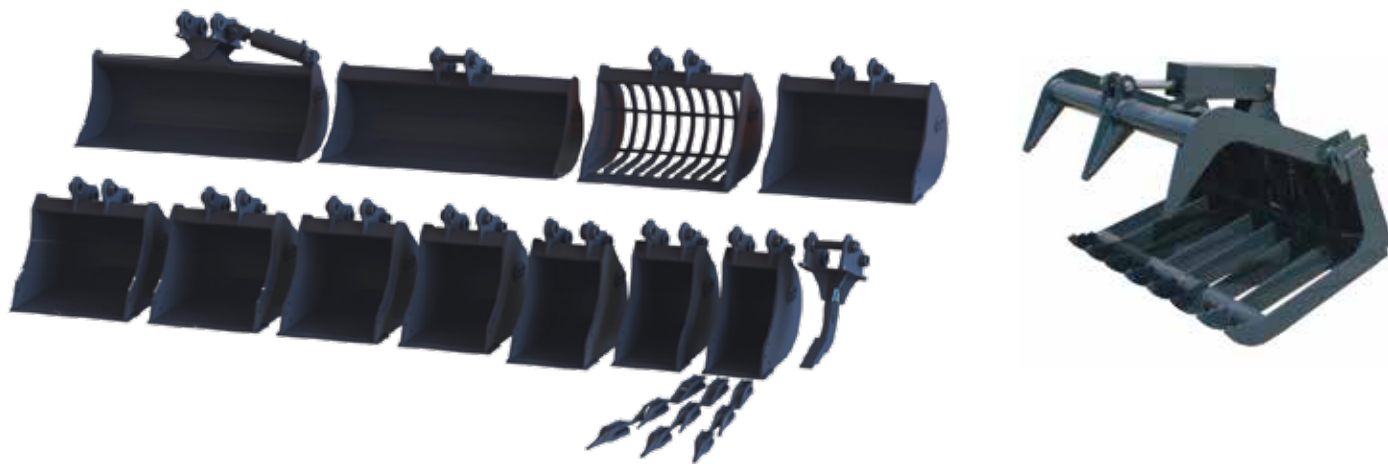
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## OPTIONS

Rhino Excavators can come with different options like: Tier2, Tier3, Tier4 Engine, Close cab, Rock bucket, Trench bucket, Thumb cutters, and many more according to work requirements.

## ATTACHMENTS

Rhino Excavators come standard with the hydraulic line for attachments.



Many options buckets



Hydraulic hammers



Trenchers



Augers

and many more...

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