

# 345P

## RAILAVATOR



### KEY FEATURES

- Patented High-Rail System allowing for speeds in excess of 20 mph
- 1.6 mph (low) / 2.5 (high) mph Off-Track Speed
- Internal Wet Disk Axle Braking System
- Lifetime JD Link Telematics Subscription
- 500 hr Engine Service Intervals
- Serviceable by the Nationwide John Deere Dealer Network
- Low High-Rail Center of Gravity

### ACCESSORIES AND OPTIONS

Ultra-Life HD-2 Axles  
28" Wheel Upgrade  
Multi-Circuit Hydraulic Package  
High-Flow Auxiliary Package  
Cart Tow Hitch with Hydraulic Cart Brake  
Circuit Boom Anti-Drift Valve  
Insulated High-Rail  
Lower Tool Boxes  
Additional Hand Rails

### STANDARD SPECIFICATIONS

Isuzu 6HK1XASA02 7.8 L Engine  
EPA Final Tier 4/EU Stage IV  
In Cylinder Particulate Burning, No DPF  
186 kW (249 hp) at 1,900 rpm  
6 Cylinder 7.8 L (475 cu. in.)  
3 Variable-Displacement Hyd Pumps  
235 L/m (62 gpm) x 2 Max Hyd Flow  
211 L/m (56 gpm) x 1  
24 Volt - 50 Amp Alternator

### RAILAVATOR SPECIFICATIONS

Hydraulically Powered High Rail Gear  
In-Cab Touch Screen Control Center  
Beacon  
24V to 12V Converter  
Pattern Changer  
Battery Disconnect  
Front & Rear Auxiliary Lights  
Fire Extinguisher  
Remote Oil Drain  
Window Guards  
Camera System (for rail mounting)  
Nonmetallic Soft Pads  
24" Rail Wheels  
HD-1 Axles With Oversized Bearings



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### DIMENSIONS AND WEIGHTS

Operating Weight - 90,720 lbs (without attachments)

Arm Digging Force (10'02")

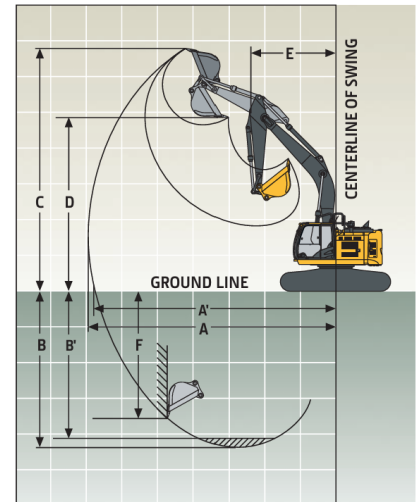
SAE 31,020 lbs                      ISO 32,370 lbs Bucket

Digging Force

SAE 39,340 lbs                      ISO 45,410 lbs

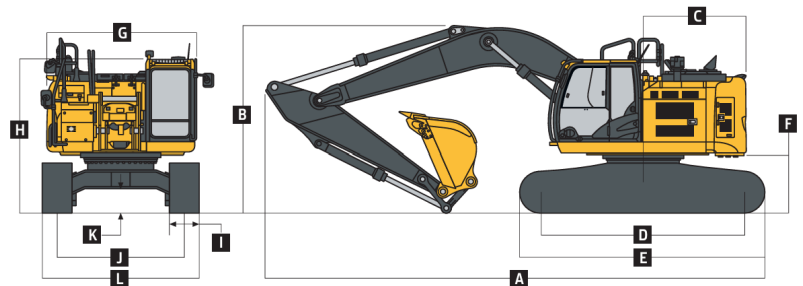
#### Dimensions - 10'02" Arm

A: Maximum Reach	35'09"
A <sup>1</sup> : Maximum Reach at Ground Level	34'11"
B: Maximum Digging Depth	22'08"
B <sup>1</sup> : Max Digging Depth 8' Flat Bottom	22'01"
C: Maximum Cutting Height	37'05"
D: Maximum Dumping Height	27'06"
E: Minimum Swing Radius	11'02"
F: Maximum Vertical Wall	20'02"



#### Overall Dimensions with Rail Gear

A: Overall Length (without rail gear)	32'08"
B: Overall Height	11'00"
C: Tail Swing Radius	6'10"
D: Distance Between Idler/Sprocket CL	13'03"
E: Undercarriage Length	16'02"
F: Counterweight Clearance	3'10"
G: Upperstructure Width	10'
H: Cab Height	10'07"
I: Track Width	32"
J: Gauge Width	8'06"
K: Ground Clearance (without rail gear)	20"
L: Overall Width (32" Pads)	11'01"



### REFILL CAPACITIES

Fuel Tank	100 gal	Hydraulic System	87 gal
Diesel Exhaust Fluid	4.2 gal	Swing Drive	12.6 qt
Cooling System	12.7 gal	Gearbox	
Engine Oil with Filter	12.7 gal	Propel (each)	11.6 qt
Hydraulic Tank	42 gal	Pump Drive	12.4 qt

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