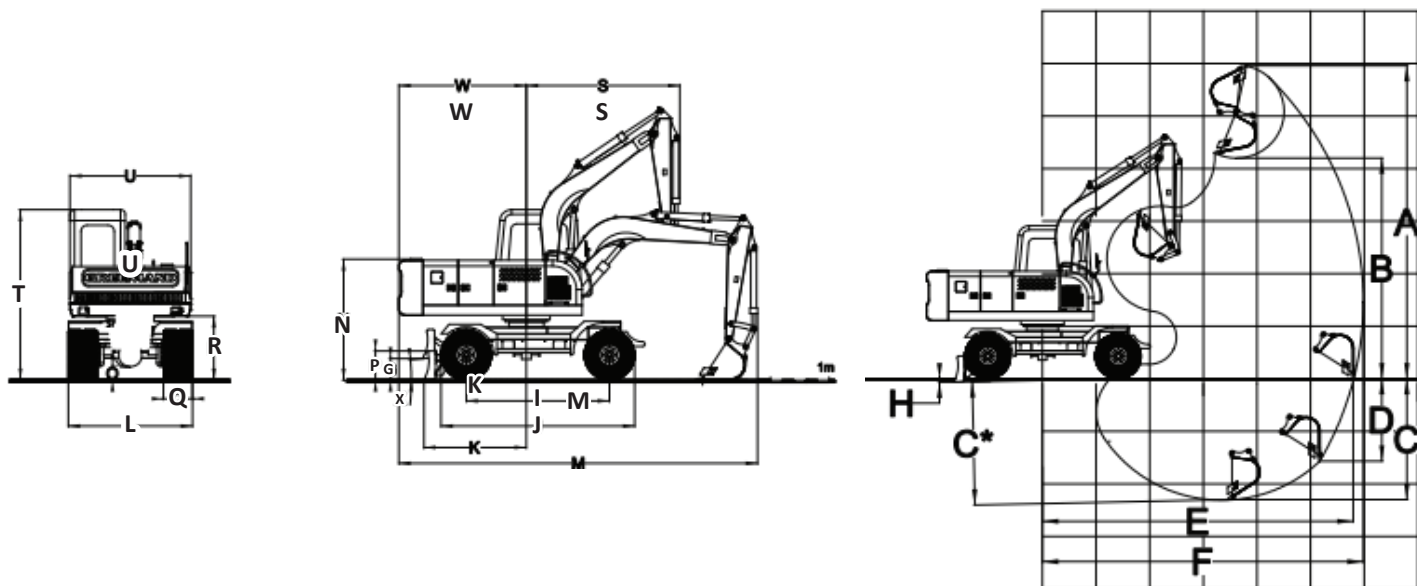


# GEX-8000 EXCAVATOR SPECIFICATIONS



Model	GEX 8000
A - Maximum Cutting Height	19'6" / 5950mm
B - Maximum Dump Height	13'9" / 4200mm
B* - Maximum Bucket Clearance	14'5" / 4385mm
C- Digging Depth	7'7" / 2300mm
C* - Maximum Digging Depth	7'8" / 2340mm
D - Maximum Vertical Wall Digging Depth	5'2" / 1570mm
E - Maximum Digging Reach at Ground Level	19' / 5790mm
F - Maximum Digging Reach	19'7" / 5980mm
G - Highest Position Dozer Blade	1'2" / 365mm
H - Lowest Position Dozer Blade	3" / 66mm
I - Wheel Base	8' / 2430mm
J - Track Length	10'9" / 3286mm
K - Dozer Blade, Maximum Reach at Ground Level	5'8" / 1736mm
L - Overall Width with 8.25-16 Tires	6'11" / 2100mm
M - Overall Length	20' / 6085mm
M* - Transport Length	20'1" / 6120mm
N - Overall Height of Engine Hood	6'9" / 2065mm
O - Minimum Ground Clearance	9" / 225mm
P - Dozer Blade Height	1'8" / 500mm
Q - Tires Width	1'7" / 490mm
R - Ground Clearance to Superstructure	3'7" / 1090mm
S - Front Slew Radius	8'7" / 2605mm

# SPECIFICATIONS, CONT.

## BASICS

Operating Weight	≤ 18,739 lbs / 8,500 kg
Minimum Ground Clearance	14.96" / 380mm
Maximum Overall Height	8'5" / 2,600mm
Overall Length	19'6" / 5,970mm
Overall Width	7'2" / 2,190mm
Maximum Driving Speed (High/Low)	2.36 / 1.55 mph (3.8 / 2.5 kmh)
Maximum Grade Ability	≥ 70% (35°)
System Working Pressure	28 MPa
Rotating Speed	11.5 r/min

## ELECTRICAL SYSTEM

Battery Type	LiFePo4
Battery Capacity	140.95 kWh / 618.24 V / 202 Ah
Indicative Runtime	7-9 hours
Off Board Charging Time 12 kWh	~12 hours
Off Board Charging Time 50 kWh	~3 hours
Off Board Charging Time 90 kWh	~1.5 hours
Auxillary Battery Voltage	24 V
Auxillary Battery Capacity	60 Ah

## ELECTRIC MOTOR

Motor Type	Permanent Magnet
Motor Power (Peak)	46.5 kw
Operating Mode Maximum / Standard	1,800 r/min
Operating Mode Maximum / Eco	1,500 r/min

## DIGGING PERFORMANCE

Bucket Capacity	.13 - .37 yd <sup>3</sup> / .1 - 0.28 m <sup>3</sup>
Bucket Mass Range	352.74 - 396.83 lbs / 160 - 180 kg
Bucket Breakout Force	5,000 daN

## SWING SYSTEM

Maximum Slew Speed	11.5 r/min
Maximum Slew Torque	355 daNm

## HYDRAULIC SYSTEM

Maximum System Flow	160 l/m
Maximum Flow for Accessories	5.5 l/m
Maximum Pressure for Accessories	3 l/m

## TIRES

Size	8.25" x 16"
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## BRAKE SYSTEM

Service Brake	Hydraulic Brake
Parking Brake	Central Parking Brake