



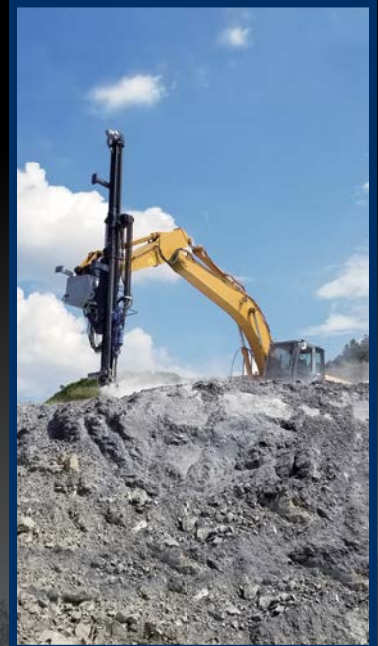
AHD709

**VERSATILE AND APPLICABLE TO A
WIDE RANGE OF CRUSHING OPERATIONS**

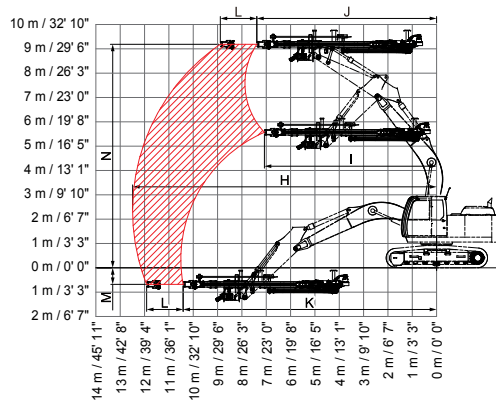
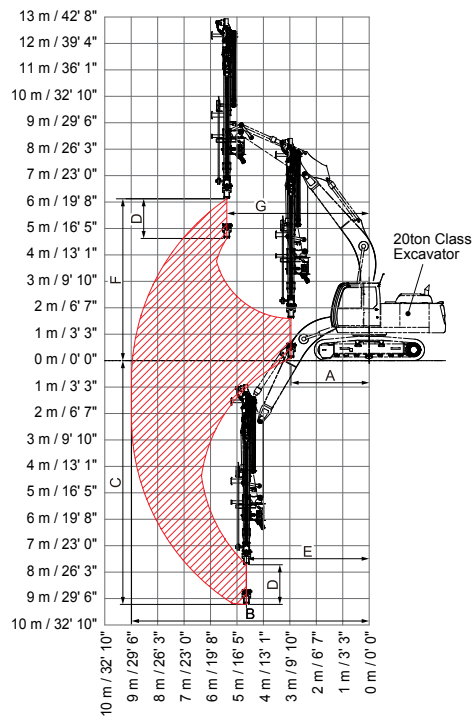
AHD709	Metric	Imperial
Dimensions and Weight		
Operating Weight (20ton Type)	1,970 kg	4,497 lbs
Operating Weight (30ton Type)	2,260 kg	4,982 lbs
Overall Length	7,008 mm	23 ft 0 in
Overall Width	2,186 mm	7 ft 2 in
Overall Height (20ton Type)	1,299 mm	4 ft 3 in
Overall Height (30ton Type)	1,514 mm	4 ft 12 in
Rated Oil Flow	160 L/min	42.3 GPM
Drifter		
Model	HD709	
Weight	199 kg	439 lbs
Number of Blows	2,250 - 2,500 min ⁻¹	
Number of Rotations	0 - 180 min ⁻¹	
Guide Shell		
Length	7,008 mm	23 ft 0 in
Feed Length	4,089 mm	13 ft 5 in
Feed Type	Hydraulic motor driven chain	
Guide Swing Angle	Right 25°, Left 25°	
Maximum Rod Pull-Out Force	24.5 kN	5,508 lb-f
Rod Holder		
Number of Rod Storage	2	
Rod Length	3,050 mm	10 ft
Bit and Rod		
Bit Range	64 - 89 mm	2.5 - 3.5 in
Rod Diameter	32H, 38R, 45R, (38H)	
Rod Length	3,050 mm	10 ft
Maximum Starter Rod Length	4,270 mm	14 ft
Lubricator		
Refueling Method	Manual	
Oil Storage Capacity	660 cm³	22.3 fl oz
Oil Used	Turbine Oil Class 1, ISO VG32 (Spindle Oil cannot be used)	
Electrics		
Voltage	DC24 V	
Current Consumption	8 A	
Compressed Air for Flushing		
Recommended Free Air Delivery	5 m³/min over	177 cfm or more
Recommended Pressure	0.7 ~ 1.0 MPa	102 ~ 145 psi
Excavator		
Class	20 ~ 30 ton	
Attachment Piping	Breaker piping (Breaker pedal in the cabin)	
Hydraulic Oil		
Grade	ISO VG32, VG46	
Temperature Range	40 ~ 60°C	104 ~ 140°F

Main Applications:

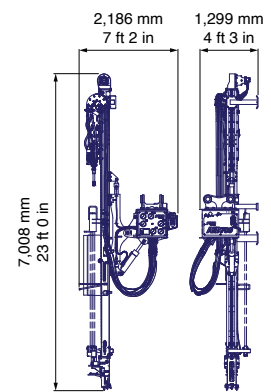
- › Bedrock excavation
- › Urban civil engineering works
- › Demolition of concrete structures
- › Rock breaking in mines and quarries



20 TON TYPE Drilling Coverage



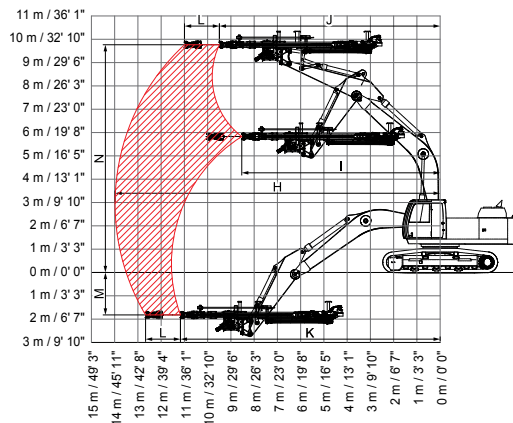
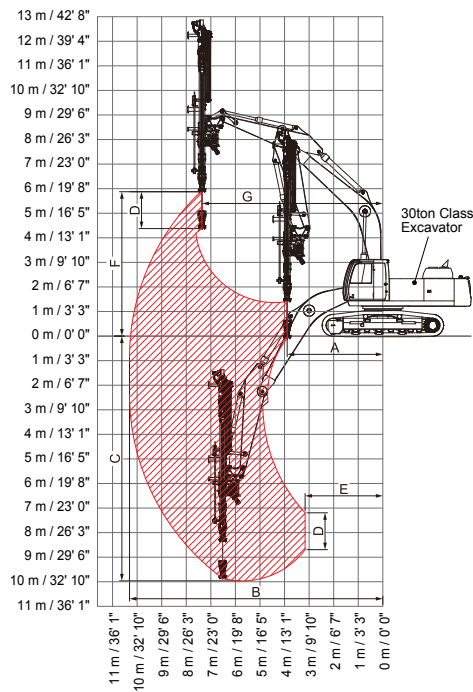
Dimensions



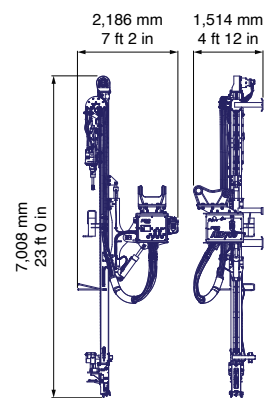
	A	B	C	D	E	F	G
Metric	2,960 mm	8,990 mm	9,420 mm	1,500 mm*	4,640 mm	5,920 mm	5,380 mm
Imperial	9 ft 9 in	29 ft 6 in	30 ft 11 in	4 ft 11 in*	15 ft 3 in	19 ft 5 in	17 ft 8 in

	H	I	J	K	L	M	N
Metric	12,690 mm	7,270 mm	7,590 mm	10,610 mm	1,500 mm*	680 mm	9,190 mm
Imperial	41 ft 8 in	23 ft 10 in	24 ft 11 in	34 ft 10 in	4 ft 11 in*	2 ft 3 in	30 ft 2 in

30 TON TYPE Drilling Coverage



Dimensions



	A	B	C	D	E	F	G
Metric	3,890 mm	10,310 mm	9,960 mm	1,500 mm*	3,160 mm	5,880 mm	7,360 mm
Imperial	12 ft 9 in	33 ft 10 in	32 ft 8 in	4 ft 11 in*	10 ft 4 in	19 ft 4 in	24 ft 2 in

	H	I	J	K	L	M	N
Metric	13,980 mm	8,530 mm	9,500 mm	11,170 mm	1,500 mm*	1,820 mm	9,770 mm
Imperial	45 ft 10 in	28 ft 0 in	31 ft 2 in	36 ft 8 in	4 ft 11 in*	6 ft 0 in	32 ft 1 in

*Guide slide length



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