

Versatile and applicable to a wide range of crushing operations

Main applications

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



Specifications

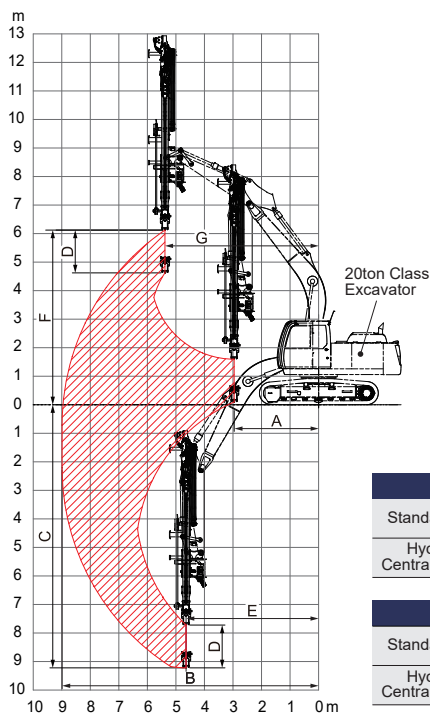
Model	AHD709
Dimensions and Weight	
Operating Weight (with Hydraulic Centralizer)	1,970 kg (2,040 kg)
Operating Weight (30ton Type)	2,260 kg
Overall Length (with Hydraulic Centralizer)	6,810 mm (7,008 mm)
Overall Width	2,186 mm
Overall Height	1,299 mm
Overall Height (30ton Type)	1,514 mm
Rated Oil Flow	160 L/min
Drifter	
Model	HD709
Weight	199 kg
Number of Blows	2,250 ~ 2,500 min ⁻¹
Number of Rotations	0 ~ 180 min ⁻¹
Guide Shell	
Length (with Hydraulic Centralizer)	6,810 mm (7,008 mm)
Feed Length	4,089 mm
Feed Type	Hydraulic motor driven chain
Guide Swing Angle	Right 25°, Left 25°
Maximum Rod Pull-Out Force	24.5 kN
Centralizer	Standard: Manual Opening and Closing Option: Hydraulic Cylinder Opening and Closing
Rod Holder	
Number of Rod Storage	2
Rod Length	3,050 mm (10 ft)

Model	AHD709
Bit and Rod	
Bit Range	φ 64 ~ φ 89 mm
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 cm ³
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 m ³ /min Over
Recommended Pressure	0.7 ~ 1.0 MPa
Excavator	
Class	20 ~ 30 ton (0.7 ~ 1.2 m ³)
Attachment Piping	Breaker piping (Breaker pedal in the cabin)
Hydraulic OIL	
Grade	ISO VG32, VG46
Temperature Range	40 ~ 60 °C



20ton Type

Drilling coverage



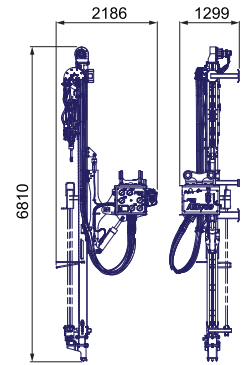
The drilling coverage shown above is for the standard type.

	A	B	C	D	E	F	G
Standard Type	2,960	8,990	9,220	1,500*	4,640	6,120	5,380
Hydraulic Centralizer Type	2,960	8,990	9,420	1,500*	4,640	5,920	5,380

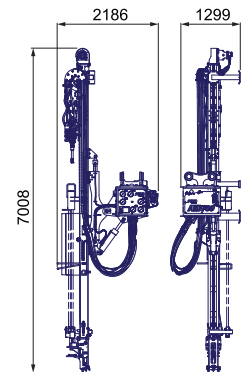
	H	I	J	K	L	M	N
Standard Type	12,490	7,080	7,390	10,410	1,500*	680	9,190
Hydraulic Centralizer Type	12,690	7,270	7,590	10,610	1,500*	680	9,190

* Guide slide length

Dimensions (mm)



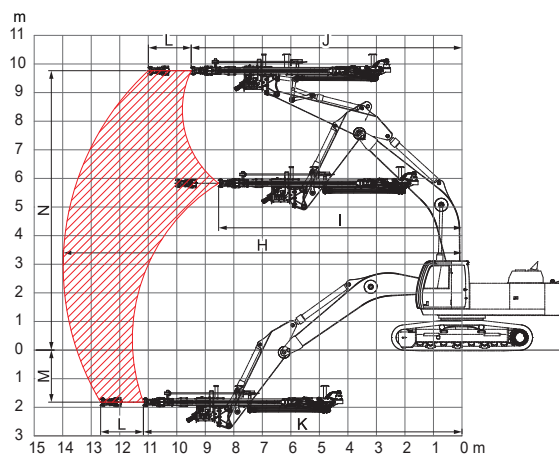
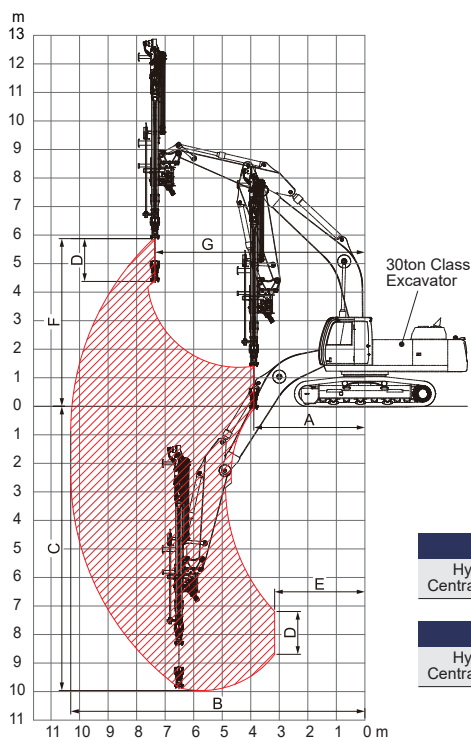
Standard type



Hydraulic centralizer type

30ton Type

Drilling coverage

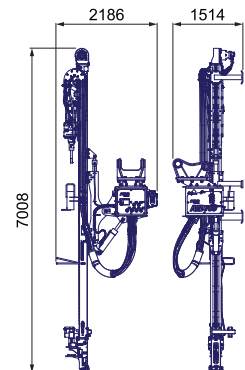


	A	B	C	D	E	F	G
Hydraulic Centralizer Type	3,890	10,310	9,960	1,500*	3,160	5,880	7,360

	H	I	J	K	L	M	N
Hydraulic Centralizer Type	13,980	8,530	9,500	11,170	1,500*	1,820	9,770

* Guide slide length

Dimensions (mm)



Hydraulic centralizer type

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The contents of this specifications are subject to change without notice in the future.

AHD709-E2207-F2