

Design Characteristics of North Korea's Ballistic and Cruise Missiles

Name	Other Names	Type	Length (m)	Diameter (m)	Payload (kg)	Range (km)	Circular Error Probable (CEP) (m)	Propellant	Status
HY-2 variant ¹		Cruise	7.36	0.76	500	45-95	**	Solid/Liquid	Operational
KH-35 ²		Cruise	3.75	0.42	150	130	**	Solid/Liquid	Testing
KN-01	AG-1/HY-2	Cruise	8.00	0.76	**	150-200	**	Solid/Liquid	Operational
KN-02	SS-21 variant	SRBM	6.40	0.65	250-500	120-160	100-200	Solid	Operational
Hwasong-5	Scud B variant	SRBM	10.94	0.88	1000	300-320	1000	Liquid	Operational
Hwasong-6	Scud C variant	SRBM	10.95	0.88	700	500	700	Liquid	Operational
Hwasong-7	Scud C variant	SRBM	13.50	0.88	400-750	700-1000	700	Liquid	Operational
Nodong	Rodong	MRBM	15.50-16.00	1.25-1.30	250-700	1300-1500	1000-2000	Liquid	Operation/Exporting
Musudan	Nodong-B/ BM-25/Mirim	IRBM	10.00 16.00	1.50	1200	3200-4000	1600	Liquid	Testing
Taepodong-1	Paektusan-1/ Moksong-1	ICBM	24.00	1.25/0.88	100-200	2500-5500	2500	Solid/Liquid	Operational
KN-08 ³	Hwasong-13	IRBM	17.00	2.00	700	5000-6000	**	Liquid	Testing
Taepodong-2	Paektusan-2/ Moksong-2/ Unha-2	ICBM/SLV	29.00	2.40/1.25/ 0.88	100-500	6000-9000	2000-5000	Liquid	Operational
Unha-3 ⁴	Taepodong-3	ICBM/SLV	30.00	2.40/1.50/ 1.25	100-1000*	10,000 +	**	Liquid	Operational

*Payload varies due to vehicle use. 100-500kg LEO/1000kg weaponized.

**Data not available.

Related content is available on the website for the Nuclear Threat Initiative, www.nti.org.



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Sources:

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[3] Markus Schiller and Richard H. Schmucker, "The Assumed KN-08 Technology: Addendum to the April 18, 2012 Paper 'A Dog and Pony Show,'" *Arms Control Wonk*, 26 April 2012, <http://armscontrolwonk.com>; Norbert Brugge, "What is the Just Presented North Korean New Three-stage Long-range Missile?," *Space Launch Vehicles*, 2 December 2013, www.b14643.com; "Ballistic Missiles: KN-08," *Missile Threat*, 30 November 2012, <http://missilethreat.com>.

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