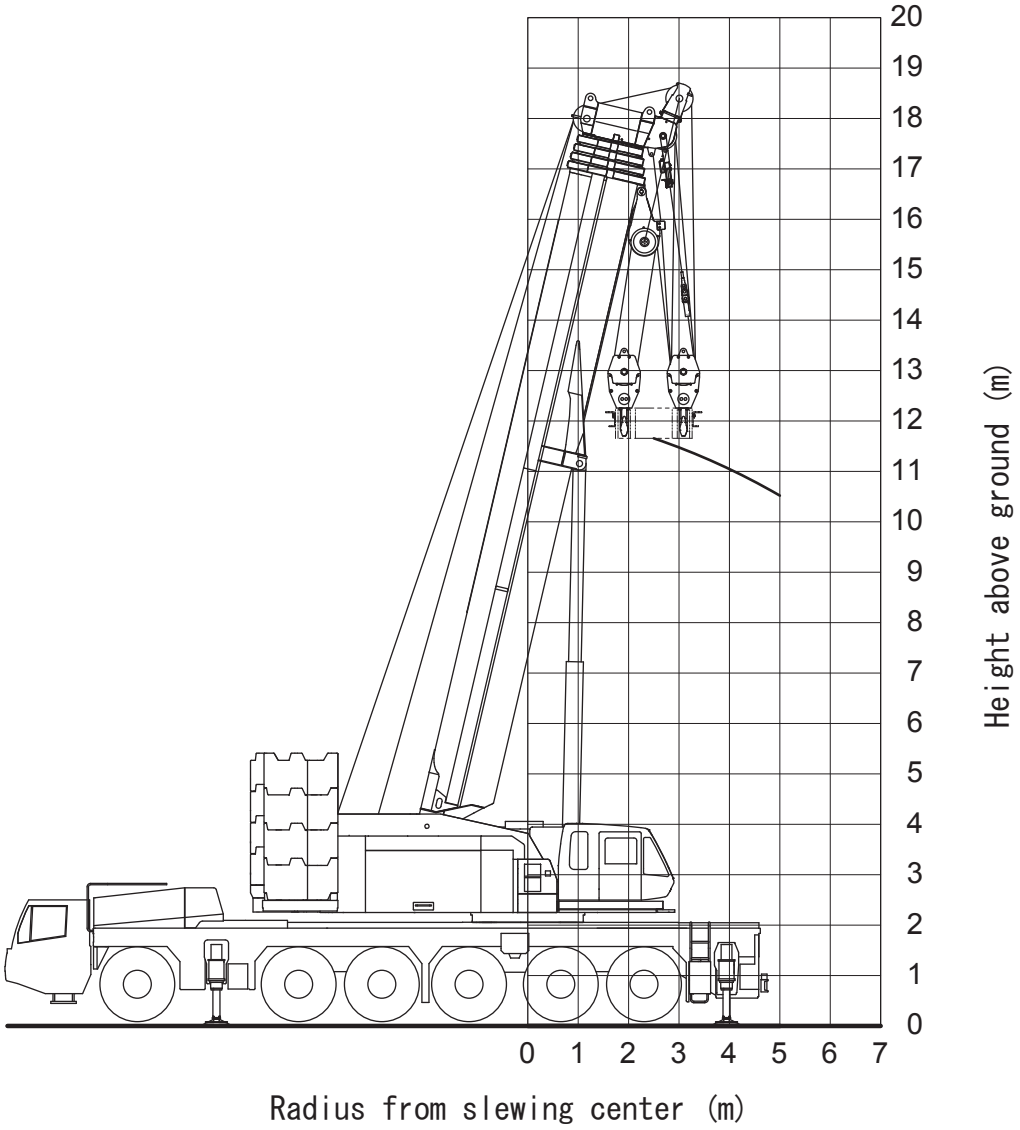
WORKING RANGE

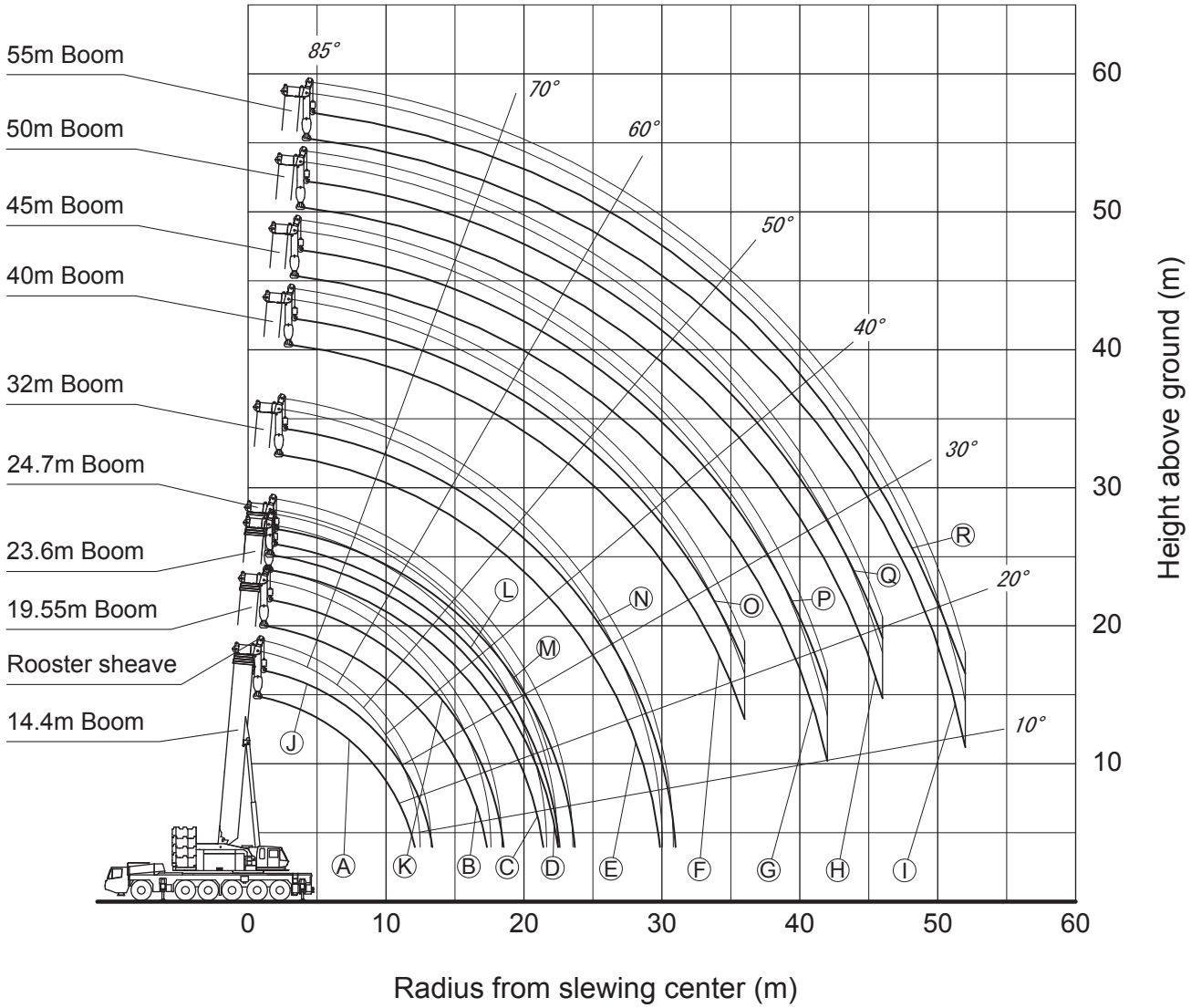
WORKING RANGE　Operation of Boom with heavy load unit



Note: This diagram does not include deflection of Boom.

WORKING RANGE Operation of Boom, Normal extension / retraction

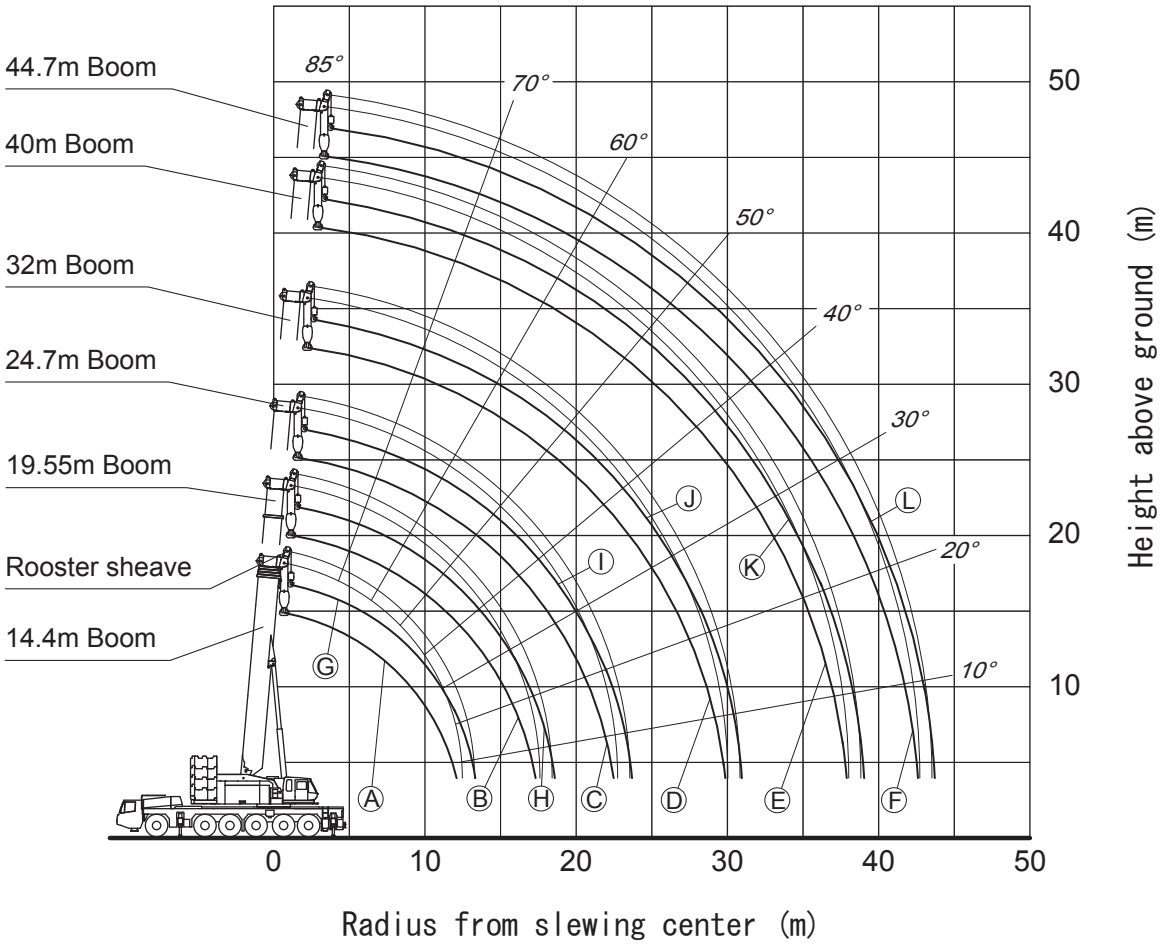
Ⓐ	14.4	m	Boom
Ⓑ	19.55	m	Boom
Ⓒ	23.6	m	Boom
Ⓓ	24.7	m	Boom
Ⓔ	32	m	Boom
Ⓕ	40	m	Boom
Ⓖ	45	m	Boom
Ⓗ	50	m	Boom
Ⓘ	55	m	Boom
Ⓙ	14.4	m	Boom using rooster sheave
Ⓚ	19.55	m	Boom using rooster sheave
Ⓛ	23.6	m	Boom using rooster sheave
Ⓜ	24.7	m	Boom using rooster sheave
Ⓝ	32	m	Boom using rooster sheave
Ⓞ	40	m	Boom using rooster sheave
Ⓟ	45	m	Boom using rooster sheave
Ⓠ	50	m	Boom using rooster sheave
Ⓡ	55	m	Boom using rooster sheave



Note: 1. This diagram does not include deflection of Boom.
2. This diagram is for Specification A1.

WORKING RANGE　Operation of Boom, Special extension / retraction

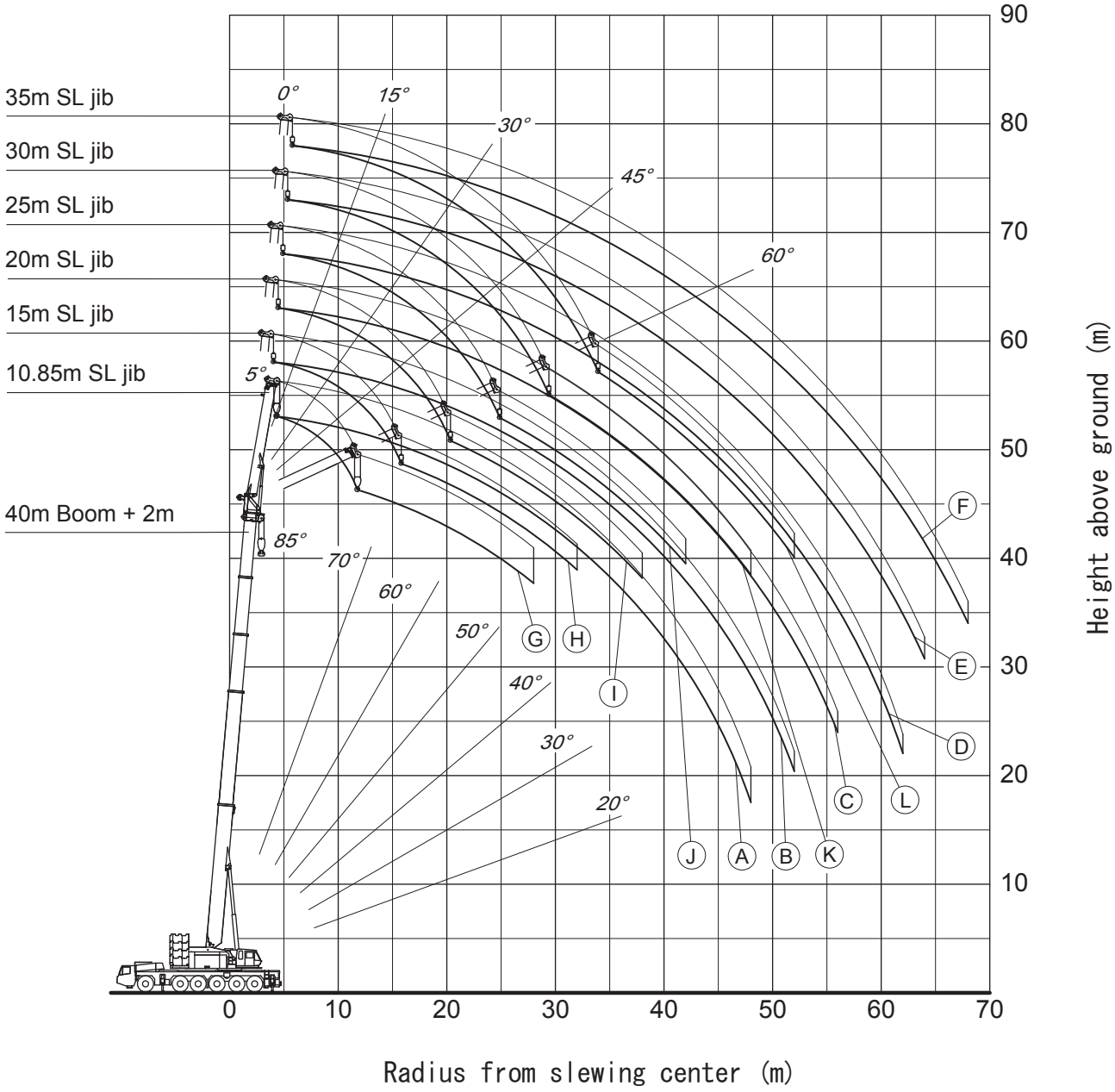
Ⓐ 14.4 m Boom
Ⓑ 19.55m Boom
Ⓒ 24.7 m Boom
Ⓓ 32 m Boom
Ⓔ 40 m Boom
Ⓕ 44.7 m Boom
Ⓖ 14.4 m Boom using rooster sheave
Ⓗ 19.55m Boom using rooster sheave
Ⓘ 24.7 m Boom using rooster sheave
Ⓙ 32 m Boom using rooster sheave
Ⓚ 40 m Boom using rooster sheave
Ⓛ 44.7 m Boom using rooster sheave



Note: 1. This diagram does not include deflection of Boom.
2. This diagram is for Specification TA1.

WORKING RANGE　Operation of SL jib (40m Boom)

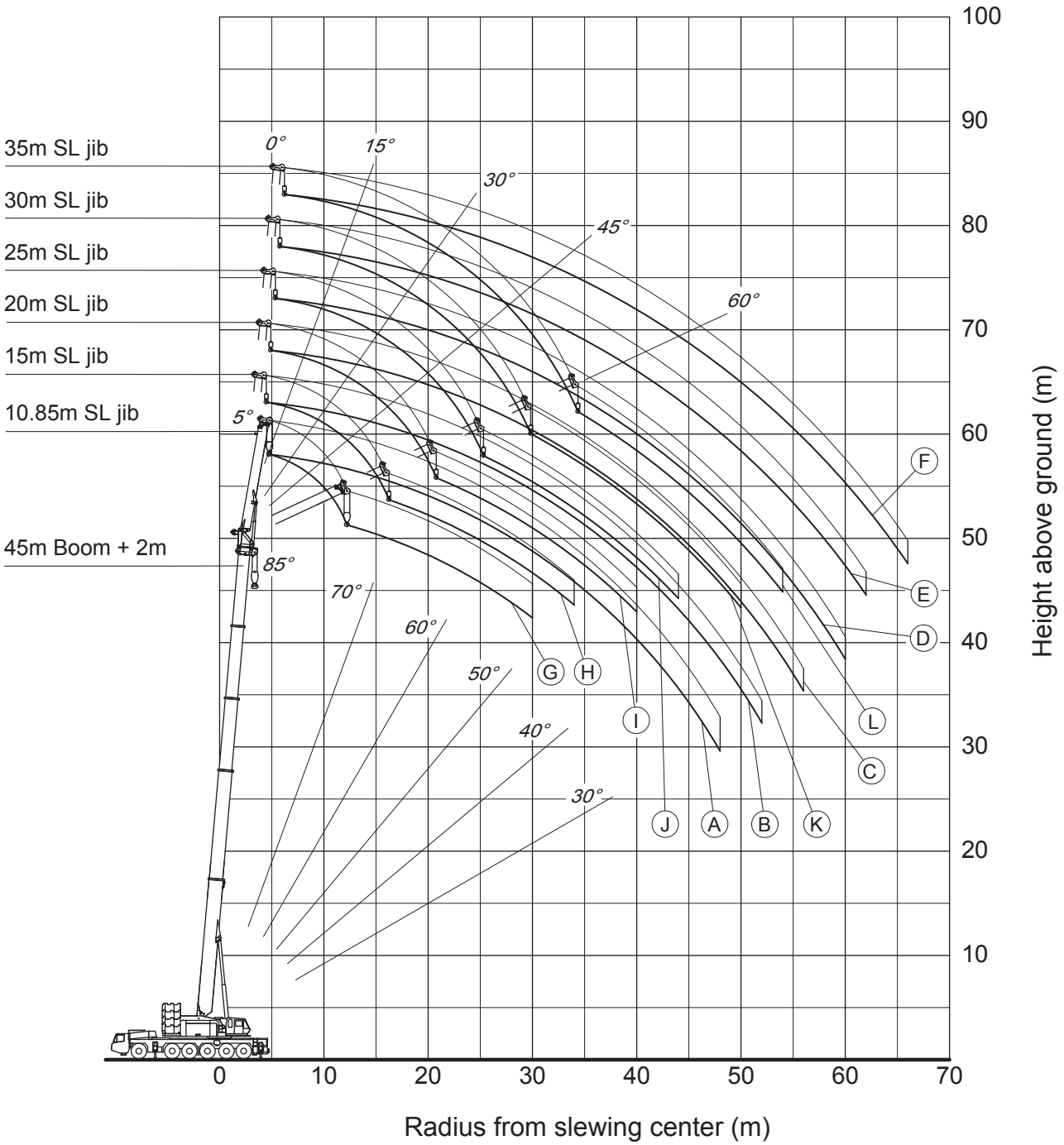
Ⓐ 40m Boom + 2m + 10.85m SL jib (Offset:　5°)
Ⓑ 40m Boom + 2m + 15　m SL jib (Offset:　0°)
Ⓒ 40m Boom + 2m + 20　m SL jib (Offset:　0°)
Ⓓ 40m Boom + 2m + 25　m SL jib (Offset:　0°)
Ⓔ 40m Boom + 2m + 30　m SL jib (Offset:　0°)
Ⓕ 40m Boom + 2m + 35　m SL jib (Offset:　0°)
Ⓖ 40m Boom + 2m + 10.85m SL jib (Offset: 60°)
Ⓗ 40m Boom + 2m + 15　m SL jib (Offset: 60°)
Ⓘ 40m Boom + 2m + 20　m SL jib (Offset: 60°)
Ⓙ 40m Boom + 2m + 25　m SL jib (Offset: 60°)
Ⓚ 40m Boom + 2m + 30　m SL jib (Offset: 60°)
Ⓛ 40m Boom + 2m + 35　m SL jib (Offset: 60°)



Note: 1. This diagram does not include deflection of Boom and SL jib.
2. This diagram is for Specification SA.

WORKING RANGE Operation of SL jib (45m Boom)

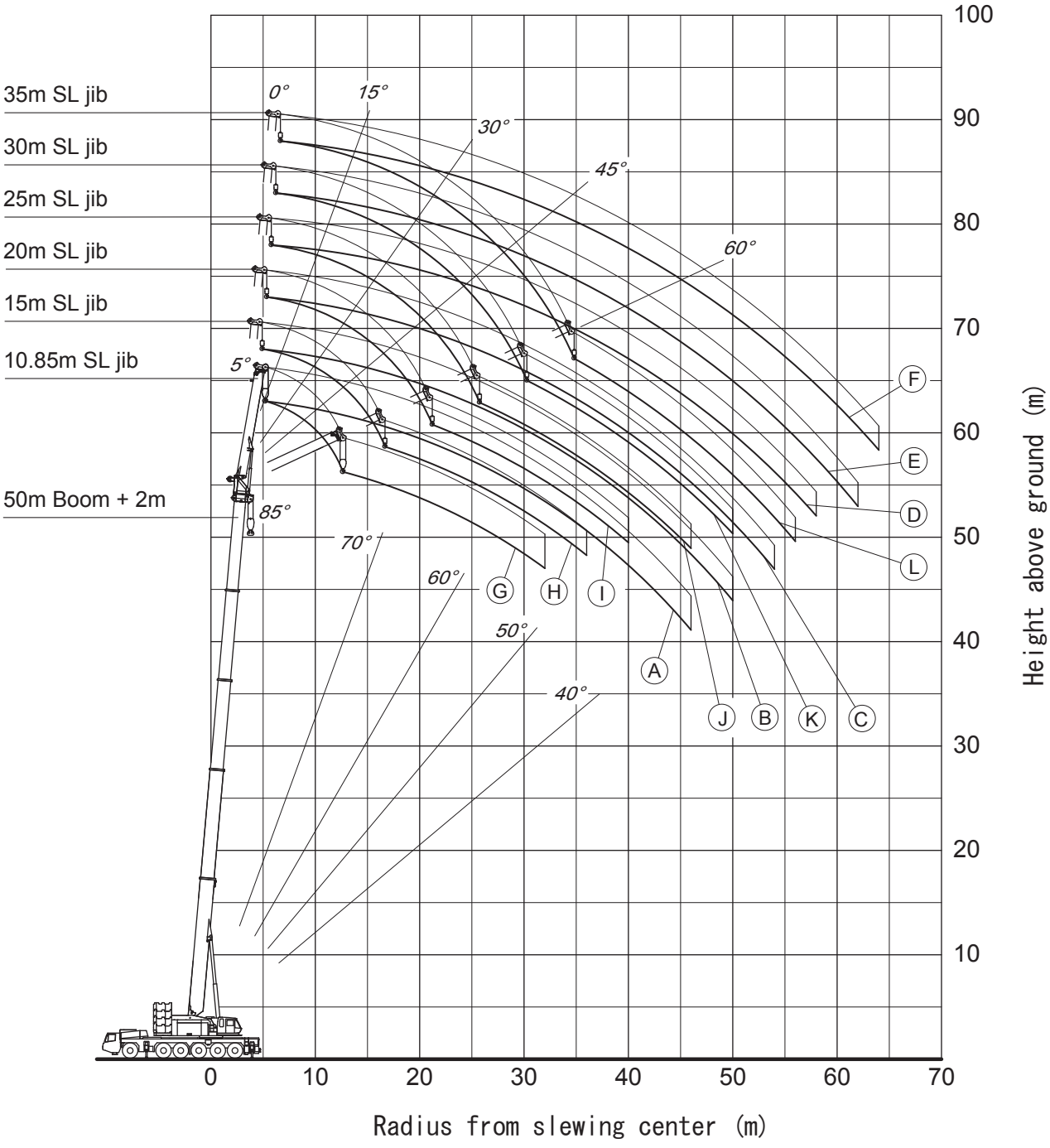
Ⓐ 45m Boom + 2m + 10.85m SL jib (Offset: 5°)
Ⓑ 45m Boom + 2m + 15 m SL jib (Offset: 0°)
Ⓒ 45m Boom + 2m + 20 m SL jib (Offset: 0°)
Ⓓ 45m Boom + 2m + 25 m SL jib (Offset: 0°)
Ⓔ 45m Boom + 2m + 30 m SL jib (Offset: 0°)
Ⓕ 45m Boom + 2m + 35 m SL jib (Offset: 0°)
Ⓖ 45m Boom + 2m + 10.85m SL jib (Offset: 60°)
Ⓗ 45m Boom + 2m + 15 m SL jib (Offset: 60°)
Ⓘ 45m Boom + 2m + 20 m SL jib (Offset: 60°)
Ⓙ 45m Boom + 2m + 25 m SL jib (Offset: 60°)
Ⓚ 45m Boom + 2m + 30 m SL jib (Offset: 60°)
Ⓛ 45m Boom + 2m + 35 m SL jib (Offset: 60°)



Note: 1. This diagram does not include deflection of Boom and SL jib.
2. This diagram is for Specification SA.

WORKING RANGE　Operation of SL jib (50m Boom)

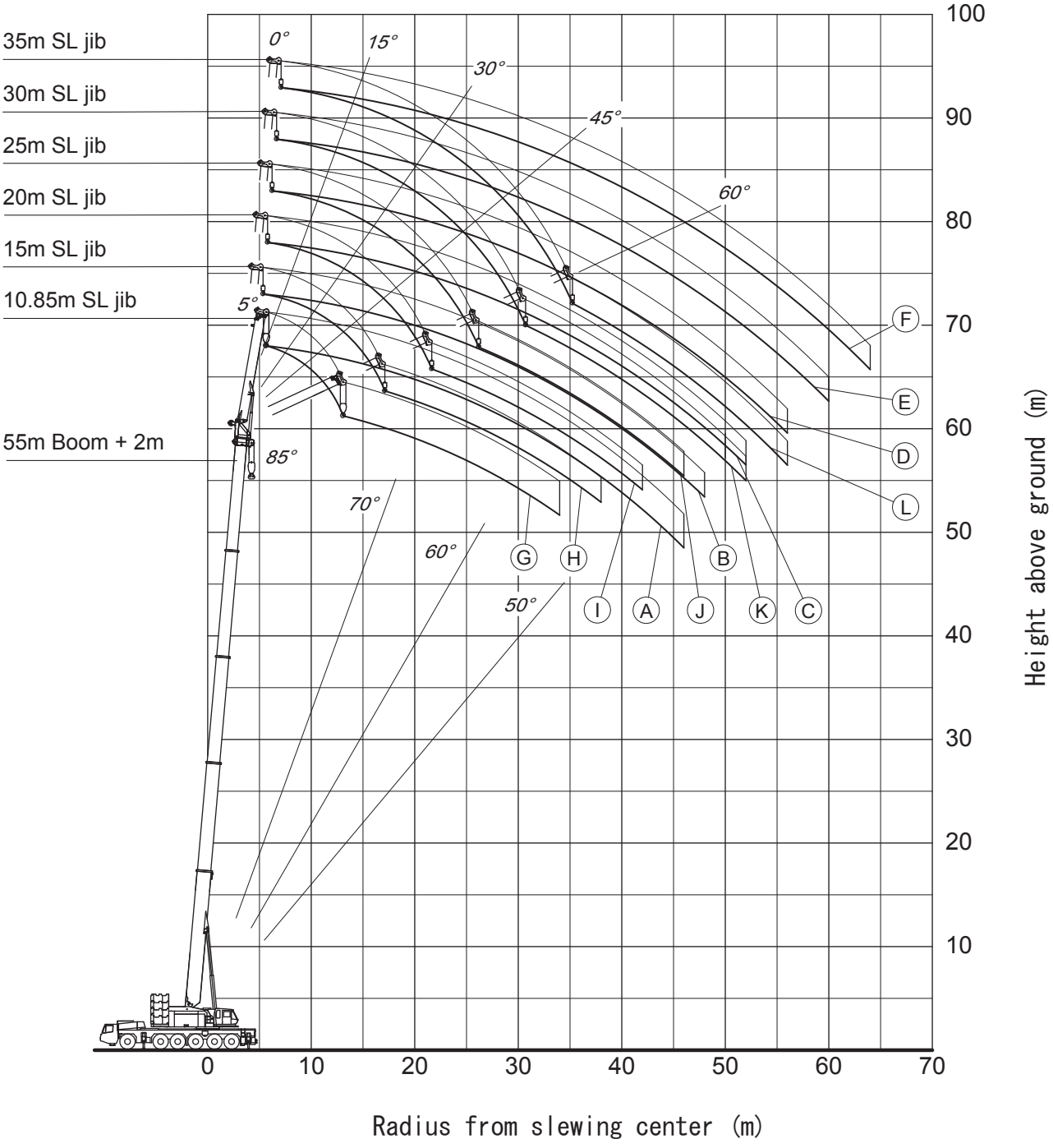
Ⓐ 50m Boom + 2m + 10.85m SL jib (Offset:　5°)
Ⓑ 50m Boom + 2m + 15　m SL jib (Offset:　0°)
Ⓒ 50m Boom + 2m + 20　m SL jib (Offset:　0°)
Ⓓ 50m Boom + 2m + 25　m SL jib (Offset:　0°)
Ⓔ 50m Boom + 2m + 30　m SL jib (Offset:　0°)
Ⓕ 50m Boom + 2m + 35　m SL jib (Offset:　0°)
Ⓖ 50m Boom + 2m + 10.85m SL jib (Offset: 60°)
Ⓗ 50m Boom + 2m + 15　m SL jib (Offset: 60°)
Ⓘ 50m Boom + 2m + 20　m SL jib (Offset: 60°)
Ⓙ 50m Boom + 2m + 25　m SL jib (Offset: 60°)
Ⓚ 50m Boom + 2m + 30　m SL jib (Offset: 60°)
Ⓛ 50m Boom + 2m + 35　m SL jib (Offset: 60°)



Note: 1. This diagram does not include deflection of Boom and SL jib.
2. This diagram is for Specification SA.

WORKING RANGE　Operation of SL jib (55m Boom)

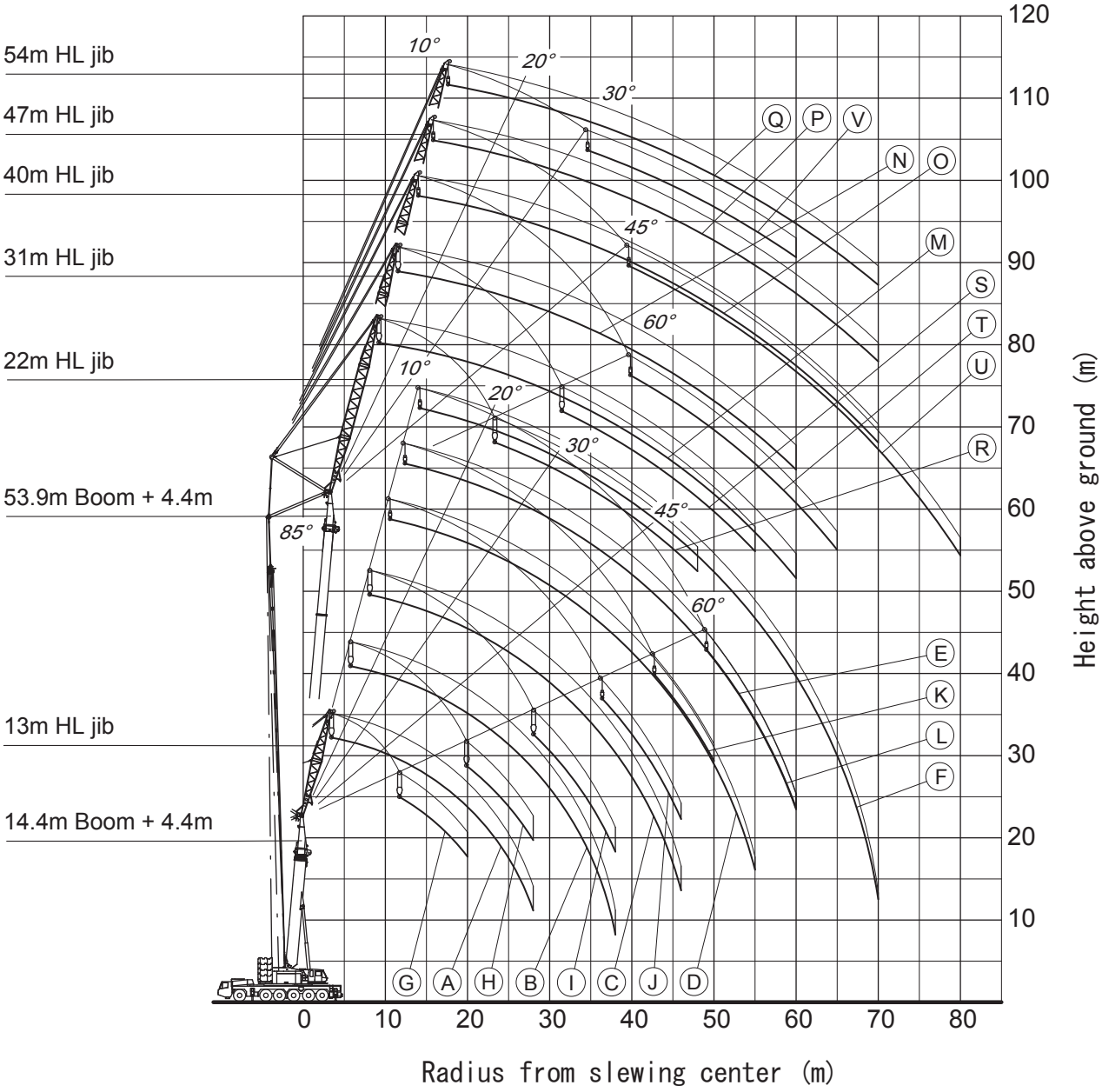
Ⓐ 55m Boom + 2m + 10.85m SL jib (Offset:　5°)
Ⓑ 55m Boom + 2m + 15　m SL jib (Offset:　0°)
Ⓒ 55m Boom + 2m + 20　m SL jib (Offset:　0°)
Ⓓ 55m Boom + 2m + 25　m SL jib (Offset:　0°)
Ⓔ 55m Boom + 2m + 30　m SL jib (Offset:　0°)
Ⓕ 55m Boom + 2m + 35　m SL jib (Offset:　0°)
Ⓖ 55m Boom + 2m + 10.85m SL jib (Offset: 60°)
Ⓗ 55m Boom + 2m + 15　m SL jib (Offset: 60°)
Ⓘ 55m Boom + 2m + 20　m SL jib (Offset: 60°)
Ⓙ 55m Boom + 2m + 25　m SL jib (Offset: 60°)
Ⓚ 55m Boom + 2m + 30　m SL jib (Offset: 60°)
Ⓛ 55m Boom + 2m + 35　m SL jib (Offset: 60°)



Note: 1. This diagram does not include deflection of Boom and SL jib.
2. This diagram is for Specification SA.

WORKING RANGE　Operation of HL jib

Ⓐ 14.4m Boom + 4.4m + 13m HL jib (Offset: 10°)
Ⓑ 14.4m Boom + 4.4m + 22m HL jib (Offset: 10°)
Ⓒ 14.4m Boom + 4.4m + 31m HL jib (Offset: 10°)
Ⓓ 14.4m Boom + 4.4m + 40m HL jib (Offset: 10°)
Ⓔ 14.4m Boom + 4.4m + 47m HL jib (Offset: 10°)
Ⓕ 14.4m Boom + 4.4m + 54m HL jib (Offset: 10°)
Ⓖ 14.4m Boom + 4.4m + 13m HL jib (Offset: 60°)
Ⓗ 14.4m Boom + 4.4m + 22m HL jib (Offset: 60°)
Ⓘ 14.4m Boom + 4.4m + 31m HL jib (Offset: 60°)
Ⓙ 14.4m Boom + 4.4m + 40m HL jib (Offset: 60°)
Ⓚ 14.4m Boom + 4.4m + 47m HL jib (Offset: 60°)
Ⓛ 14.4m Boom + 4.4m + 54m HL jib (Offset: 60°)
Ⓜ 53.9m Boom + 4.4m + 22m HL jib (Offset: 10°)
Ⓝ 53.9m Boom + 4.4m + 31m HL jib (Offset: 10°)
Ⓞ 53.9m Boom + 4.4m + 40m HL jib (Offset: 10°)
Ⓟ 53.9m Boom + 4.4m + 47m HL jib (Offset: 10°)
Ⓠ 53.9m Boom + 4.4m + 54m HL jib (Offset: 10°)
Ⓡ 53.9m Boom + 4.4m + 22m HL jib (Offset: 60°)
Ⓢ 53.9m Boom + 4.4m + 31m HL jib (Offset: 60°)
Ⓣ 53.9m Boom + 4.4m + 40m HL jib (Offset: 60°)
Ⓤ 53.9m Boom + 4.4m + 47m HL jib (Offset: 45°)
Ⓥ 53.9m Boom + 4.4m + 54m HL jib (Offset: 30°)



Note: 1. This diagram does not include deflection of Boom and HL jib.
2. This diagram is for Specification HA.