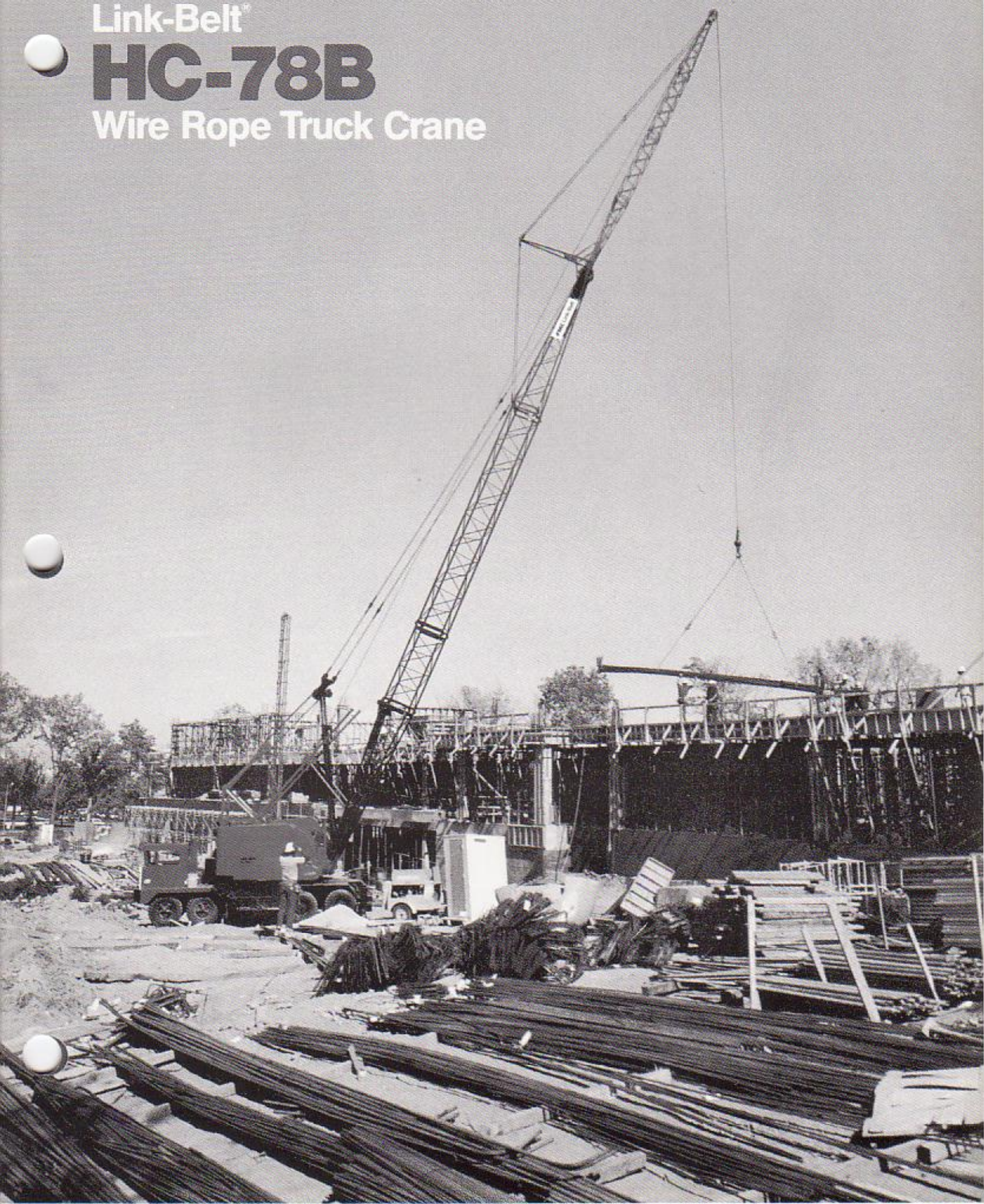


Link-Belt[®]

HC-78B

Wire Rope Truck Crane



HC-78B Flexibility

Options to tailor the machine to the job

Wide choice of options

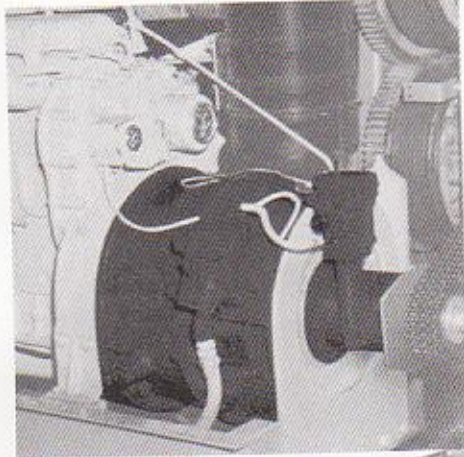
The flexibility of the Link-Belt® crane Full-Function design results in the availability of several options, all designed to maximize the usefulness and productivity of the HC-78B truck cranes, unmatched by other cranes.

Independent machine functions allow for hoisting with one drum, lowering on another, while swinging the load into position for added job productivity and flexibility.

Tailor the HC-78B to the job from a wide choice of options to meet varied job application requirements. The result is increased on-the-job machine and load handling capability for increased profits.

Boom attachment

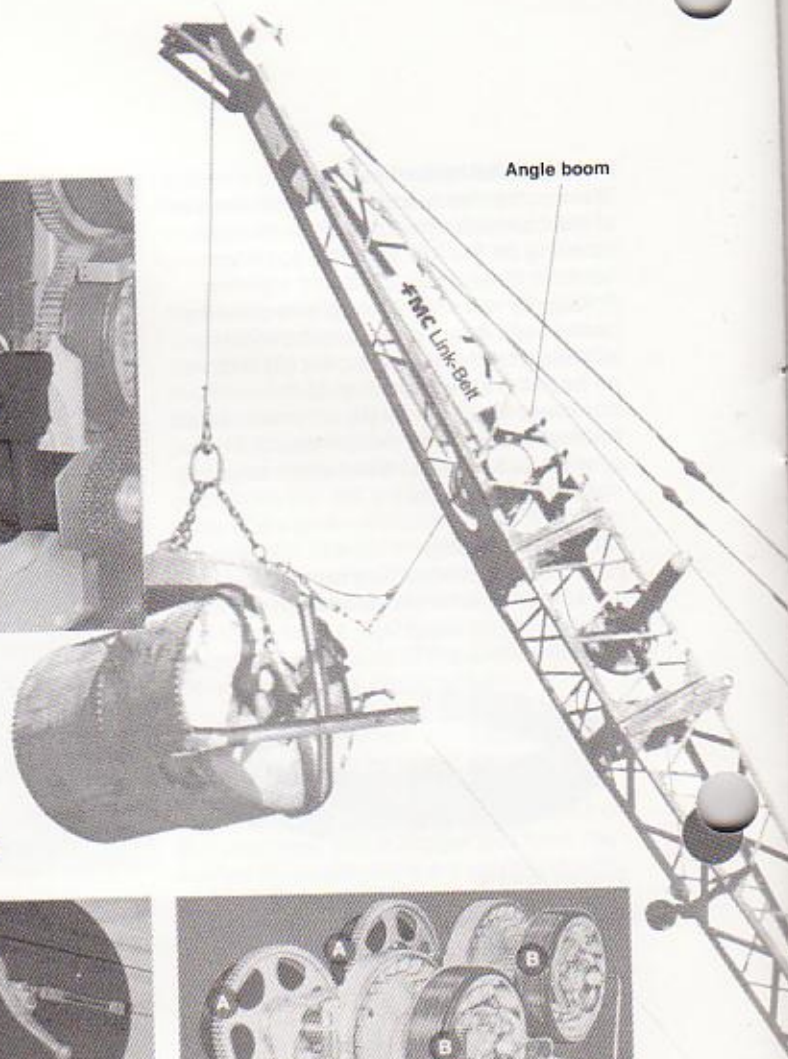
Available on the HC-78B is a pin-connected **angle boom**. Extensions are available to increase the basic 35' (10.67 m) boom up to a maximum of 100' (30.48 m). A 20' (6.10 m) bolt-connected



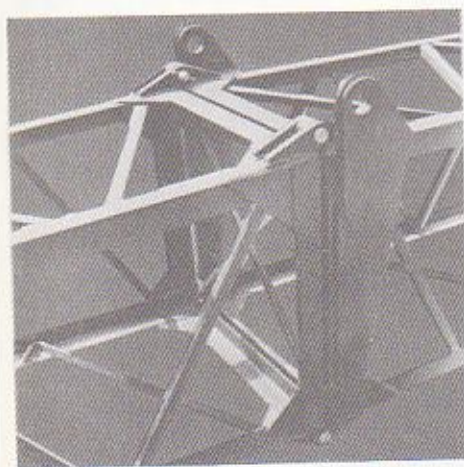
Torque converter drive

Torque converter drive (optional)

For added load control and operating smoothness a single stage torque converter can be utilized to provide a wider torque range



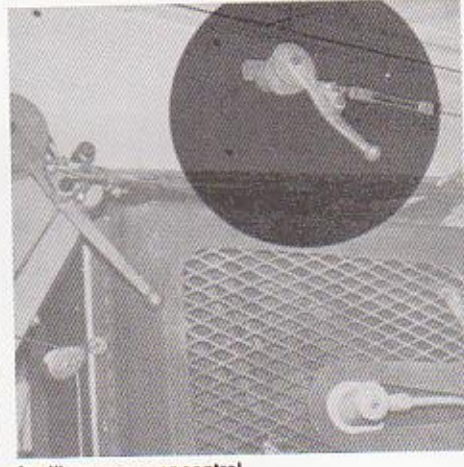
Angle boom



Pin-connected angle boom

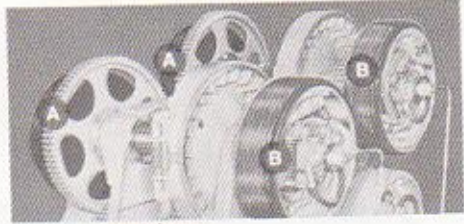
angle jib is available, with 10' (3.05 m) extensions for a maximum 40' (12.19 m).

Also available, primarily for lift crane service, is a pin connected tubular boom. Maximum length available is 170' (51.82 m) or maximum boom and jib length is 140' (42.67 m) + 40' (12.19 m). A **retractable high gantry** is standard for both boom options.



Auxiliary governor control

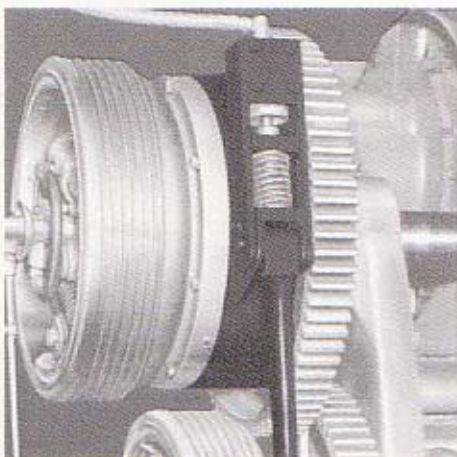
upper machinery components. For lift crane service when line pull is less than maximum, an auxiliary governor control (optional) overrides torque converter governor, permitting up to a 150% increase in hoist line speed.



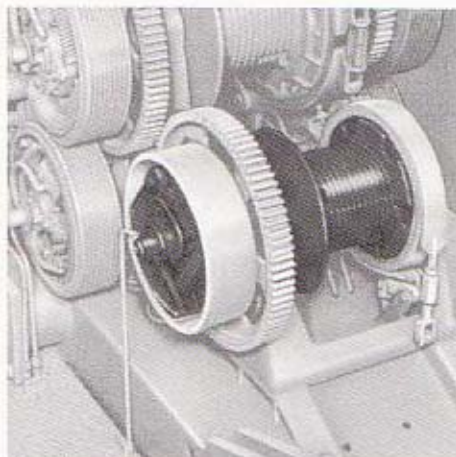
Two-speed rope drums

Two-speed rope drums (optional)

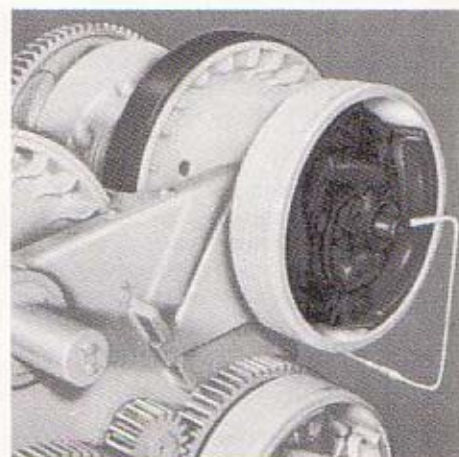
For specialized applications, 2-speed gear driven rope drums are available. Clutches (A) operate at standard hoist line speed. Clutches (B) operate at 90% higher than standard speed. However, with this arrangement, clutch controlled power load lowering or auxiliary 2-shoe rear drum brake are not available. (Loads must be lowered on drum brake(s) only.)



Two-speed, planetary driven hoist/lowering drum



Third rope drum



Auxiliary two-shoe rear drum brake

Two-speed, planetary driven hoist/lowering rope drum (optional)

An exclusive, independent planetary arrangement can be mounted at either or both hoist and lowering ends of extended drum shafts. The planetary arrangement can provide up to 70% increased speed or 40% decreased speed for either hoisting or lowering. Standard speed is retained for swing, boomhoist and third drum. Engaging the 2-shoe clutch provides standard rope drum speed. This option will greatly increase machine production.

Third rope drum

A gear-driven third drum is available. Particularly valuable for "snaking in" a load, the third drum is high in line speed and rope capacity and is completely independent of all other machine functions.

Auxiliary two-shoe rear drum brake (optional)

The addition of the auxiliary 2-shoe rear drum brake nearly doubles the rear drum total effective braking area. The brake is power hydraulically applied with variable pressure control valve interconnected

with the standard drum brake linkage for simultaneous engagement of both drum brake band and shoes. When the rear drum auxiliary brake is installed, power load lowering, planetary lowering or 2-speed gear-driven hoist are not available.



Counterweight removal

Counterweight removal (optional)

Upper counterweight can be lowered or raised hydraulically in just seconds to or from the carrier frame. Counterweight is attached to the cylinder with large t-bolt arrangement. Time consuming use of mechanical devices is eliminated.



Retractable gantry (lowered position)