Drum And Lagging Chart

999 SERIES 1, 2, 3

TANDEM DRUMS										
BOOM NO. 82 OR 22EL										
Application	**Drum Location**	**Drum Part Number**	**Type Of Drum**	**Drum Diameter**	**Drum Width**	**Optional Grooved Lagging Part Number**	**Lagging Diameter**	**Nominal Wire Rope Size**	**Drum or Lagging Groove Pitch[1]**	**Minimum Wire Rope Size[2]**
LIFTCRANE - BASIC										
Hoist	Rear	195434	Grooved	21-1/4 in. (540 mm)	37 in. (940 mm)			26 mm	1.057 in. (26.85 mm)	1.025 in. (26.03 mm)
Whip	Front	195434	Grooved	21-1/4 in. (540 mm)	37 in. (940 mm)			26 mm	1.057 in. (26.85 mm)	1.025 in. (26.03 mm)
Auxiliary	Boom Butt	177379	Bare	19-1/2 in. (495 mm)	37 in. (940 mm)	502372	21-1/4 in. (540 mm)	26 mm	1.057 in. (26.85 mm)	1.025 in. (26.03 mm)
						502382	21-1/4 in. (540 mm)	1 in.	1.042 in. (26.47 mm)	1.010 in. (25.65 mm)
CLAMSHELL - LIMITED DUTY										
Closing	Front	195434	Grooved	21-1/4 in. (540 mm)	37 in. (940 mm)			1 in.	1.057 in. (26.85 mm)	
Holding	Rear	195434	Grooved	21-1/4 in. (540 mm)	37 in. (940 mm)			1 in.	1.057 in. (26.85 mm)	
DRAGLINE - LIMITED DUTY										
Drag	Front	195434	Grooved	21-1/4 in. (540 mm)	37 in. (940 mm)			1 in.	1.057 in. (26.85 mm)	
Hoist	Rear	195434	Grooved	21-1/4 in. (540 mm)	37 in. (940 mm)			1 in.	1.057 in. (26.85 mm)	

[1] Maximum wire rope diameter and width as wound on drum must not exceed drum or lagging groove pitch.

[2] Minimum recommended wire rope size for proper spooling.

NOTE: When optional laggings are used for liftcrane application, the recommended lagging for specific wire rope dia. must be used.

Drum And Lagging Chart

999 SERIES 1, 2, 3

TANDEM DRUMS										
BOOM NO. 82										
Application	**Drum Location**	**Drum Part Number**	**Type Of Drum**	**Drum Diameter**	**Drum Width**	**Optional Grooved Lagging Part Number**	**Lagging Diameter**	**Nominal Wire Rope Size**	**Drum or Lagging Groove Pitch[1]**	**Minimum Wire Rope Size[2]**
LIFTCRANE - LUFFING JIB NO. 135										
Hoist	Front	195434	Grooved	21-1/4 in. (540 mm)	37 in. (940 mm)			26 mm	1.057 in. (26.85 mm)	1.025 in. (26.03 mm)
Hoist (Auxiliary)	Boom Butt	177379	Bare	19-1/2 in. (495 mm)	37 in. (940 mm)	502372	21-1/4 in. (540 mm)	26 mm	1.057 in. (26.85 mm)	1.025 in. (26.03 mm)
						502382	21-1/4 in. (540 mm)	1 in.	1.042 in. (26.47 mm)	1.010 in. (25.65 mm)
LIFTCRANE - LUFFING JIB NO. 149										
Hoist	Front	195434	Grooved	21-1/4 in. (540 mm)	37 in. (940 mm)			26 mm	1.057 in. (26.85 mm)	1.025 in. (26.03 mm)
Hoist (Auxiliary)	Boom Butt	177379	Bare	19-1/2 in. (495 mm)	37 in. (940 mm)	502372	21-1/4 in. (540 mm)	26 mm	1.057 in. (26.85 mm)	1.025 in. (26.03 mm)
						502382	21-1/4 in. (540 mm)	1 in.	1.042 in. (26.47 mm)	1.010 in. (25.65 mm)

[1] Maximum wire rope diameter and width as wound on drum must not exceed drum or lagging groove pitch.

[2] Minimum recommended wire rope size for proper spooling.

When equipped with luffing jib, rear drum is used as luffing jib hoist.

NOTE: When optional laggings are used for liftcrane application, the recommended lagging for specific wire rope dia. must be used.

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Drum And Lagging Chart

999 SERIES 1, 2, 3

TANDEM DRUMS										
BOOM NO. 22E										
Application	**Drum Location**	**Drum Part Number**	**Type Of Drum**	**Drum Diameter**	**Drum Width**	**Optional Grooved Lagging Part Number**	**Lagging Diameter**	**Nominal Wire Rope Size**	**Drum or Lagging Groove Pitch[1]**	**Minimum Wire Rope Size[2]**
LIFTCRANE - BASIC										
Hoist	Front	195434	Grooved	21-1/4 in. (540 mm)	37 in. (940 mm)			26 mm	1.057 in. (26.85 mm)	1.025 in. (26.03 mm)
Whip	Rear	195434	Grooved	21-1/4 in. (540 mm)	37 in. (940 mm)			26 mm	1.057 in. (26.85 mm)	1.025 in. (26.03 mm)
Auxiliary	Boom Butt	177379	Bare	19-1/2 in. (495 mm)	37 in. (940 mm)	502372	21-1/4 in. (540 mm)	26 mm	1.057 in. (26.85 mm)	1.025 in. (26.03 mm)
						502382	21-1/4 in. (540 mm)	1 in.	1.042 in. (26.47 mm)	1.010 in. (25.65 mm)
CLAMSHELL - LIMITED DUTY										
Closing	Front	195434	Grooved	21-1/4 in. (540 mm)	37 in. (940 mm)			1 in.	1.057 in. (26.85 mm)	
Holding	Rear	195434	Grooved	21-1/4 in. (540 mm)	37 in. (940 mm)			1 in.	1.057 in. (26.85 mm)	

[1] Maximum wire rope diameter and width as wound on drum must not exceed drum or lagging groove pitch.

[2] Minimum recommended wire rope size for proper spooling.

NOTE: When optional laggings are used for liftcrane application, the recommended lagging for specific wire rope dia. must be used.