

MANITOWOC ENGINEERING CO.

(A division of The Manitowoc Company, Inc.) Manitowoc, Wisconsin 54220

Manitowoc
4100W**DRUM AND LAGGING CHART****TANDEM DRUMS**

APPLICATION	DRUM	PART NUMBER	DIA.	WIDTH	TYPE OF DRUM OR LAGGING	WIRE ROPE SIZE
LIFT CRANE Hoist Whip	Front	180533	19"	37-1/4"	Bare Drum	1-1/8"
	Rear	48935	27-5/8"	37-1/4"	Plain	1-1/8"
CLAMSHELL Closing Holding	Front	48816	27"	37-1/4"	Grooved	1-1/8"
	Rear	48816	27"	37-1/4"	Grooved	1-1/8"
DRAGLINE Drag Hoist	Front	48817	24"	37-1/4"	Grooved	1-1/4"
	Rear	48816	27"	37-1/4"	Grooved	1-1/8"
TOWER CRANE Hoist * * Hoist Whip Hold Back Line	Front	48935	27-5/8"	37-1/4"	Plain	1-1/8"
	Rear	* 48935	27-5/8"	37-1/4"	Plain	1-1/8"
	Rear	* 48935	27-5/8"	37-1/4"	Plain	1"
	Rear	* 48935	27-5/8"	37-1/4"	Plain	1-1/8"
	Rear	* 48935	27-5/8"	37-1/4"	Plain	1-1/8"
RINGER Hoist Hoist	Front	180533	19"	37-1/4"	Bare Drum	1-1/8"
	Rear	180533	19"	37-1/4"	Bare Drum	1-1/8"
RINGER Hoist Whip	Front	180533	19"	37-1/4"	Bare Drum	1-1/8"
	Rear	48935	27-5/8"	37-1/4"	Plain	1-1/8"

TANDEM DRUMS — SINGLE FRONT DRUM SPLIT REAR DRUM — EQUAL WIDTH

APPLICATION	DRUM	PART NUMBER	DIA.	WIDTH	TYPE OF DRUM OR LAGGING	WIRE ROPE SIZE
LIFT CRANE Hoist Whip Auxiliary	Front	180533	19"	37-1/4"	Bare Drum	1-1/8"
	Right Rear	181614	21"	17-3/8"	Plain	1-1/8"
	Left Rear	32283	17-1/2"	17-3/8"	Bare Drum	1"
CLAMSHELL Closing Holding Auxiliary	Front	48816	27"	37-1/4"	Grooved	1-1/8"
	Right Rear	31356	27"	17-3/8"	Grooved	1-1/8"
	Left Rear	32283	17-1/2"	17-3/8"	Bare Drum	1"
DRAGLINE Drag Hoist Auxiliary	Front	48817	24"	37-1/4"	Grooved	1-1/4"
	Right Rear	31356	27"	17-3/8"	Grooved	1-1/8"
	Left Rear	32283	17-1/2"	17-3/8"	Bare Drum	1"
TOWER CRANE Hoist * * Hoist Whip Hold Back Line	Front	48935	27-5/8"	37-1/4"	Plain	1-1/8"
	Right Rear	181614	21"	17-3/8"	Plain	1-1/8"
	Right Rear	181614	21"	17-3/8"	Plain	1"
	Left Rear	32283	17-1/2"	17-3/8"	Bare Drum	1-1/8"
	Left Rear	32283	17-1/2"	17-3/8"	Bare Drum	1-1/8"
RINGER Hoist Hoist Whip	Front	180533	19"	37-1/4"	Bare Drum	1-1/8"
	Left Rear	181614	21"	17-3/8"	Plain	1-1/8"
	Right Rear	181614	21"	17-3/8"	Plain	1-1/8"

TANDEM DRUMS WITH ROOF MOUNTED THIRD DRUM

APPLICATION	DRUM	PART NUMBER	DIA.	WIDTH	TYPE OF DRUM OR LAGGING	WIRE ROPE SIZE
LIFTCRANE						
Hoist	Front	180533	19"	37-1/4"	Bare Drum	1-1/8"
Whip	Rear	48935	27-5/8"	37-1/4"	Plain	1-1/8"
Auxiliary	Roof	180533	19"	37-1/4"	Bare Drum	1-1/8"
CLAMSHELL						
Closing	Front	48816	27"	37-1/4"	Grooved	1-1/8"
Holding	Rear	48816	27"	37-1/4"	Grooved	1-1/8"
Auxiliary	Roof	180533	19"	37-1/4"	Bare Drum	1-1/8"
DRAGLINE						
Drag	Front	48817	24"	37-1/4"	Grooved	1-1/4"
Hoist	Rear	48816	27"	37-1/4"	Grooved	1-1/8"
Auxiliary	Roof	180533	19"	37-1/4"	Bare Drum	1-1/8"
RINGER						
Hoist	Front	180533	19"	37-1/4"	Bare Drum	1-1/8"
Hoist	Roof	180533	19"	37-1/4"	Bare Drum	1-1/8"
Whip	Rear	48935	27-5/8"	37-1/4"	Plain	1-1/8"

TANDEM DRUMS WITH ROOF MOUNTED THIRD DRUM (HYDRO MECHANICAL)
SPECIAL TWO LEVER AND TWO PEDAL CONTROL ARRANGEMENT

APPLICATION	DRUM	PART NUMBER	DIA.	WIDTH	TYPE OF DRUM OR LAGGING	WIRE ROPE SIZE
LIFTCRANE						
Hoist	Front	180533	19"	37-1/4"	Bare Drum	1-1/8"
Whip	Rear	48935	27-5/8"	37-1/4"	Plain	1-1/8"
Auxiliary — N.O.	Roof	180533	19"	37-1/4"	Bare Drum	1-1/8"
CLAMSHELL						
Closing	Roof	48816	27"	37-1/4"	Grooved	1-1/8"
Holding	Rear	48816	27"	37-1/4"	Grooved	1-1/8"
Auxiliary — N.O.	Front	180533	19"	37-1/4"	Bare Drum	1-1/8"
DRAGLINE						
Drag	Front	48817	24"	37-1/4"	Grooved	1-1/4"
Hoist	Rear	48816	27"	37-1/4"	Grooved	1-1/8"
Auxiliary — N.O.	Roof	180533	19"	37-1/4"	Bare Drum	1-1/8"
RINGER						
Hoist	Front	180533	19"	37-1/4"	Bare Drum	1-1/8"
Hoist	Rear	180533	19"	37-1/4"	Bare Drum	1-1/8"
Auxiliary — N.O.	Roof	180533	19"	37-1/4"	Bare Drum	1-1/8"
RINGER						
Hoist	Front	180533	19"	37-1/4"	Bare Drum	1-1/8"
Whip	Rear	48935	27-5/8"	37-1/4"	Plain	1-1/8"
Auxiliary — N.O.	Roof	180533	19"	37-1/4"	Bare Drum	1-1/8"

N.O. = NOT OPERABLE

* Delete Lagging No. 48935 from rear drum on hoist, whip and hold back line if hoist line on rear drum and whip line is not required.

** Hoist line on rear or right rear drum is used only when two hoist lines are required over the boom point.

Drwg. No. 6105, 8-11-80