

MANITOWOC ENGINEERING CO.

A Division of The Manitowoc Company, Inc. Manitowoc, Wisconsin 54220

**DRUM AND LAGGING CHART — 4600 SERIES 1 & 3****4600 SERIES 1 — TANDEM DRUMS**

APPLICATION	DRUM	PART NUMBER	DIA.	WIDTH	TYPE OF DRUM OR LAGGING	WIRE ROPE SIZE
CLAMSHELL (36,000 Lbs.)						
Closing	Rear	32197	34-1/2"	30"	Grooved	1-3/8"
Holding	Front	32197	34-1/2"	30"	Grooved	1-3/8"
DRAGLINE						
Drag	Rear	48143	38"	30"	Grooved	1-5/8"
Hoist	Front	48142	38"	30"	Grooved	1-3/8"
Drag (Option)	Rear	48224	38"	30"	Grooved	1-3/4"
CLAM TO DRAG CONVERSION						
Drag	Rear	43103	41"	30"	Grooved	1-5/8"
Hoist	Front	42277	41"	30"	Grooved	1-3/8"
Drag (Option)	Rear	42276	41"	30"	Grooved	1-3/4"

4600 SERIES 3 — TANDEM DRUMS

APPLICATION	DRUM	PART NUMBER	DIA.	WIDTH	TYPE OF DRUM OR LAGGING	WIRE ROPE SIZE
LIFTCRANE						
Hoist	Rear	43868	34-1/2"	30"	Bare Drum	1-1/4"
Whip	Front	43869	34-1/2"	30"	Bare Drum	1-1/4"
*LIFTCRANE						
Hoist	Rear	190933	34-1/2"	30"	Bare Drum	1-1/4"
Whip	Front	190933	34-1/2"	30"	Bare Drum	1-1/4"
CLAMSHELL (50,000 Lbs.)						
Closing	Rear	30673	34-1/2"	30"	Grooved	1-1/2"
Holding	Front	32469	34-1/2"	30"	Grooved	1-1/2"
CLAM TO DRAG CONVERSION						
Drag	Rear	43103	41"	30"	Grooved	1-5/8"
Hoist	Front	42277	41"	30"	Grooved	1-3/8"
Drag (Option)	Rear	42276	41"	30"	Grooved	1-3/4"
LIFT TO CLAM CONVERSION						
Closing	Rear	43170	41"	30"	Grooved	1-1/2"
Holding	Front	43170	41"	30"	Grooved	1-1/2"
LIFT TO DRAG CONVERSION						
Drag	Rear	43103	41"	30"	Grooved	1-5/8"
Hoist	Front	42277	41"	30"	Grooved	1-3/8"
Drag (Option)	Rear	42276	41"	30"	Grooved	1-3/4"
LIFT TO CLAM/DRAG CONVERSION						
Closing/Drag	Rear	43103	41"	30"	Grooved	1-5/8"
Holding/Hoisting	Front	43170	41"	30"	Grooved	1-1/2"
*LIFT TO CLAM/DRAG CONVERSION						
Closing/Drag	Rear	190934	41"	28-1/2"	Grooved	1-5/8"
Holding/Hoisting	Front	190935	41"	28-1/2"	Grooved	1-1/2"
RINGER						
Hoist	Front	43869	34-1/2"	30"	Bare Drum	1-1/4", 1-3/8"
Hoist or Whip	Rear	43868	34-1/2"	30"	Bare Drum	1-1/2", 1-5/8"
Whip (Option)	Rear	49545	41"	30"	Grooved	1-1/4", 1-3/8"
	Rear	42277	41"	30"	Grooved	1-1/2", 1-5/8"

*Drum No. 190933 is used when ratchet and pawl are used in conjunction with Lagging Nos. 190934 and 190935.

NOTE: Reduce width of Drum Nos. 43868, 43869 and 190933 to 28-1/2" when ratchet ring is used.

4600 SERIES 3 — TANDEM DRUMS — 43" WIDE DRUMS

APPLICATION	DRUM	PART NUMBER	DIA.	WIDTH	TYPE OF DRUM OR LAGGING	WIRE ROPE SIZE
LIFTCRANE						
Hoist	Rear	49265	28"	43-1/4"	Bare Drum	1-1/4"
Whip	Front	49265	28"	43-1/4"	Bare Drum	1-1/4"
Whip (Option)	Front	49910	41-1/2"	43-1/4"	Plain	1-1/4"
RINGER						
Hoist	Front	49265	28"	43-1/4"	Bare Drum	1-1/4", 1-3/8"
						1-1/2", 1-5/8"
Hoist or Whip	Rear	49265	28"	43-1/4"	Bare Drum	1-1/4", 1-3/8"
						1-1/2", 1-5/8"
Whip (Option)	Rear	49910	41-1/2"	43-1/4"	Plain	1-1/4", 1-3/8"

4600 SERIES 3 — TANDEM DRUMS — 63" DIAMETER FLANGE FRONT DRUM

APPLICATION	DRUM	PART NUMBER	DIA.	WIDTH	TYPE OF DRUM OR LAGGING	WIRE ROPE SIZE
LIFTCRANE						
Hoist	Rear	49265	28"	43-1/4"	Bare Drum	1-1/4"
Whip	Front	65199	28"	40"	Bare Drum	1-1/4"
Whip (Option)	Front	190162	41-1/2"	40"	Plain	1-1/4"
RINGER						
Hoist	Front	65199	28"	40"	Bare Drum	1-1/4", 1-3/8"
						1-1/2", 1-5/8"
Hoist or Whip	Rear	49265	28"	43-1/4"	Bare Drum	1-1/4", 1-3/8"
						1-1/2", 1-5/8"
Whip (Option)	Rear	49910	41-1/2"	43-1/4"	Plain	1-1/4", 1-3/8"

NOTE: Reduce width of Drum No. 49265 to 41-3/4" when ratchet ring is used. Replace optional Lagging No. 49910 with Lagging No. 190311 when drum is equipped with ratchet ring.