

MANITOWOC ENGINEERING CO.

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



DRUM AND LAGGING CHART _____ 4600 SERIES 4 4600 SERIES 5

TANDEM DRUMS

APPLICATION	DRUM	PART NUMBER	DIA.	WIDTH	TYPE OF DRUM OR LAGGING	WIRE ROPE SIZE
<u>LIFTCRANE</u>						
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
<u>CLAMSHELL</u>						
CLOSING	REAR	190703	41-1/8	43-1/4	GROOVED	1-1/2
HOLDING	FRONT	190703	41-1/8	43-1/4	GROOVED	1-1/2
CLOSING (OPTION)	REAR	49716	41	43-1/4	GROOVED	1-5/8
HOLDING (OPTION)	FRONT	49716	41	43-1/4	GROOVED	1-5/8
<u>TOWER CRANE</u>						
HOIST	FRONT	49265	28	43-1/4	BARE DRUM	1-1/4
WHIP	REAR	49265	28	43-1/4	BARE DRUM	1-1/4
HOLD BACK LINE	REAR	49265	28	43-1/4	BARE DRUM	1-1/4
WHIP (OPTION)	REAR	49910	41-1/2	43-1/4	PLAIN	1-1/4
<u>RINGER</u>						
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 1-1/2, 1-5/8



DRUM AND LAGGING CHART

4600 SERIES 4
4600 SERIES 5

TANDEM DRUMS - 63" DIAMETER FLANGE FRONT DRUM

APPLICATION	DRUM	PART NUMBER	DIA.	WIDTH	TYPE OF DRUM OR LAGGING	WIRE ROPE SIZE
<u>LIFTCRANE</u>						
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
<u>CLAMSHELL</u>						
CLOSING	REAR	190703	41-1/8	43-1/4	GROOVED	1-1/2
HOLDING	FRONT	191269	41-1/8	40	GROOVED	1-1/2
CLOSING (OPTION)	REAR	49716	41	43-1/4	GROOVED	1-5/8
HOLDING (OPTION)	FRONT	163013	41	40	GROOVED	1-5/8
<u>TOWER CRANE</u>						
HOIST	FRONT	65199	28	40	BARE DRUM	1-1/4
WHIP	REAR	49265	28	43-1/4	BARE DRUM	1-1/4
HOLD BACK LINE	REAR	49265	28	43-1/4	BARE DRUM	1-1/4
WHIP (OPTION)	REAR	49910	41-1/2	43-1/4	PLAIN	1-1/4
<u>RINGER</u>						
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 1-1/2, 1-5/8

NOTE 1: REDUCE WIDTH OF DRUM NO. 49265 TO 41-3/4" WHEN RATCHET RING IS USED. REPLACE OPTIONAL LAGGING NO. 49910 AND 49716 WITH LAGGING NO. 190311 AND 163037 RESPECTIVELY WHEN DRUM IS EQUIPPED WITH RATCHET RING.

NOTE 2: DRUM NO. 184624 WITH LEBUS LAGGING GROOVED FOR 1-1/4" DIA. ROPE MAY BE SUBSTITUTED IN PLACE OF DRUM NO. 49265. LAGGINGS OR RATCHET RING CANNOT BE USED WITH DRUM NO. 184624.

NOTE 3: DRUM NO. 160269 AND 160270 WITH LEBUS LAGGING GROOVED FOR 1-5/8" DIA. ROPE MAY BE SUBSTITUTED IN PLACE OF DRUM NO. 49265 AND 65199 RESPECTIVELY. DRUM NO. 160269 MUST BE USED WITH RATCHET RING NO. 160293. LAGGINGS CANNOT BE USED WITH DRUM NO. 160269 OR 160270.

NOTE 4: REPLACE DRUM NO. 65199 WITH NO. 66042 WHEN LARGER D/D RATIO (FOREIGN CODE) IS REQUIRED.

NOTE 5: DRUM NO. 166985 AND 166986 WITH LEBUS LAGGING GROOVED FOR 1-1/2" DIA. ROPE MAY BE SUBSTITUTED IN PLACE OF DRUM NO. 49265 AND 65199 RESPECTIVELY. DRUM NO. 166985 MUST BE USED WITH RATCHET RING NO. 160293. LAGGINGS CANNOT BE USED WITH DRUM NO. 166985 AND 166986.