

Wire Rope Specifications

MLC165-1

Clamshell/Grapple
Boom No. 74A

Wire Rope Lengths					
Boom Length		Front Drum Closing Line		Rear Drum Holding Line	
Meters	Feet	Meters	Feet	Meters	Feet
15,0	49.2	62	203	46	151
18,0	59.1	68	223	52	171
21,0	68.9	74	243	56	184
24,0	78.7	80	262	62	203
27,0	88.6	86	282	68	223
30,0	98.4	92	302	74	243
33,0	108.3	98	322	80	262
36,0	118.1	102	335	86	282
39,0	128.0	108	354	92	302
42,0	137.8	114	374	96	315

Lengths are based on a 65 degree boom angle, 6 m (20 ft) digging depth, and 18 m (60 ft) for reeving bucket.

Rewrap on front drum (closing line) will occur if hoisting distance exceeds approximately 34 m (111 ft) from ground level with boom at 65 degree angle and digging depth of 6 m (20 ft). The occurrence of rewrap may vary depending on boom angle, digging depth, bucket size or length of wire rope.

Wire Rope Specifications		
Closing or Holding Line:	1 in. -	6 X 25 Filler Wire, Extra Improved Plow Steel Right Hand Regular Lay, IWRC Minimum Breaking Strength = 103,400 lbs (46 900 kg) MCC Part No. 719060

Refer to Drum and Lagging chart **No. 9401-A**.