

Wire Rope Specifications

MLC150-1

Clamshell/Grapple
Boom No. B10:350

Wire Rope Lengths					
Boom Length		Drum 1 Closing Line		Drum 2 Holding Line	
Meters	Feet	Meters	Feet	Meters	Feet
15,0	49.2	65	211	43	140
18,0	59.1	71	230	49	158
21,0	68.9	76	249	54	177
24,0	78.7	82	268	60	196
27,0	88.6	88	286	66	215
30,0	98.4	93	305	72	234
33,0	108.3	99	324	78	253
36,0	118.1	105	343	83	271
39,0	128.0	111	362	89	290

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

Rewrap on front drum (closing line) will occur if hoisting distance exceeds approximately 19 m (65 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
<p><u>Rotation Resistant Wire Rope - 5:1 Safety Factor</u></p> <p>Closing or Holding Line:</p> <p>26 mm</p> <p>Wire Rope with Spelter Button and Pad Eye Right Hand Regular Lay Minimum Breaking Strength = 67 130 kg (148,000 lb) Approx. Weight = 3,41 kg/m (2.28 lb/ft) No Load Dia = 26,44 mm (1.041 in) to 26,78 mm (1.054 in) Ref. MCC Wire Rope Part No. 80123747, 80120441</p>
<p><u>Optional Wire Rope - 3.5:1 Safety Factor</u></p> <p>Closing or Holding Line:</p> <p>26 mm</p> <p>Wire Rope with Spelter Button and Pad Eye Right Hand Regular Lay Minimum Breaking Strength = 48 170 kg (106,200 lb) Approx. Weight = 2,89 kg/m (1.94 lb/ft) No Load Dia = 26,44 mm (1.041 in) to 26,78 mm (1.054 in) Ref. MCC Wire Rope Part No. 80123747, 80120441</p>

Refer to Drum and Lagging chart **No. 9830-A**.

Warning: Free fall operation is limited to 6 710 kg (14,800 lb) per part of line when lowering load with free fall clutch/brake pedal. Hydraulic power shall be used for full line pull. *Permanent brake damage could occur allowing the load to lower uncontrolled.*