

MDT 412 - L 10

FEM A 3

POTAIN

Hoist unit 79 kW SL/WB
Radius and capacity

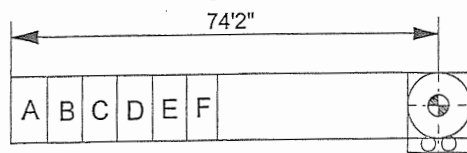
Update 2-17-05

Jib	Max. capacity		Radius (ft) and capacity (lbs)											
	lbs	ft	91'10"	98'5"	104'12"	114'10"	131'3"	147'8"	164'1"	180'5"	196'10"	213'3"	229'8"	246'1"
L 7 246 ft	22.000	9'6" - 92'6"	22.000	20.507	19.184	17.199	14.774	12.789	11.246	10.143	9.041	8.159	7.497	6.836
L 6 230 ft	22.000	9'6" - 105'4"	22.000	22.000	22.000	20.066	17.199	14.994	13.230	11.907	10.584	9.702	8.820	
L 5 213 ft	22.000	9'6" - 115'2"	22.000	22.000	22.000	22.000	18.963	16.538	14.774	13.230	11.907	10.805		
L 4 196 ft	22.000	9'6" - 125'12"	22.000	22.000	22.000	22.000	20.948	18.522	16.317	14.553	13.230			
L 3 181 ft	22.000	9'6" - 133'6"	22.000	22.000	22.000	22.000	22.000	19.625	17.420	15.656				
L 2 164 ft	22.000	9'6" - 137'6"	22.000	22.000	22.000	22.000	22.000	20.286	18.081					
L 1 131 ft	22.000	9'6" - 131'3"	22.000	22.000	22.000	22.000	22.000							

Speeds

	v = 0 - 279 ft/min	9,0 kW-WB
	n = 0 - 1,0 rpm	L = 131 ft - 181 ft: 2x6,6 kW-WB L = 196 ft - 246 ft: 3x6,6 kW-WB
	v = 0 - 98 ft/min	2x9,0 kW-FK
 79S5,0N310	1.Gear	125 ft/min 22.000 lbs
		13 ft/min
	2.Gear	200 ft/min 14.333 lbs
		20 ft/min
	3.Gear	315 ft/min 8.600 lbs
		32 ft/min
4.Gear	500 ft/min 4.851 lbs	
	50 ft/min	
	HH _{max} = 509 ft	79 kW-WB
480 V - 60 Hz	power required - upper part of crane	135 kVA

Ballast-counterjib



*. Put the ballast block before install the jib

Jib (ft)	131	164	181	196	213	230	246
A (lbs)			13.240*	8.820*	13.240*		
B (lbs)		13.240*	13.240	13.240	13.240		13.240*
C (lbs)		13.240	8.820	13.240	13.240	13.240*	13.240
D (lbs)	8.820*	8.820	8.820	13.240	8.820	13.240	13.240
E (lbs)	13.240	8.820				13.240	13.240
F (lbs)	13.240					13.240	
Total (lbs)	35.300	44.120	44.120	48.540	48.540	52.960	52.960

Part-No.: 27104125

Technical data