

**HORIZONTAL TRANSFER EQUIPMENT**

**BATTERY TRANSFER CARRIAGE**

**Model BTC**

Product Specifications - Imperial / Metric

	<b>MPPAE</b>	<b>MPEL</b>	<b>MPPEE</b>	<b>MPP</b>
Max. Load Capacity <sup>1</sup>	3,000 lb / 1360 kg	3,000 lb / 1360 kg	3,000 lb / 1360 kg	3,000 lb / 1360 kg
Voltage Requirement	12 VDC	12 VDC	12 VDC	N/A
Hydraulic Pump	1.3 GPM / 4.6 LPM	1.3 PGM / 4.6 LPM	1.3 GPM / 4.6 LPM	N/A
Extractor Arm Travel Speed	0 - 20 FPM / 0-6100 mm/m	N/A	0 - 20 FPM / 0-6100 mm/m	N/A
Battery Attachment	Hook & Chain	Hook & Chain	Hook & Chain	Hook & Chain
Optional Vacuum	Yes	N/A	Yes	N/A
Primary Drive Reduction	N/A	4.5 to 1	N/A	4.5 to 1
Primary Drive Chain Size	N/A	#50	N/A	# 50
Roller Diameter	2.4" / 61 mm	2.4" / 61 mm	2.4" / 61 mm	2.4" / 61 mm
Roller Shaft Size	7/16" / 11 mm Hex (Model 18) 7/16" / 11 mm Hex (Model 24) 3/4" / 19 mm Hex (Model 30)	7/16" / 11 mm Hex (Model 18) 7/16" / 11 mm Hex (Model 24) 3/4" / 19 mm Hex (Model 30)	7/16" / 11 mm Hex (Model 18) 7/16" / 11 mm Hex (Model 24) 3/4" / 19 mm Hex (Model 30)	7/16" / 11 mm Hex (Model 18) 7/16" / 11 mm Hex (Model 24) 3/4" / 19 mm Hex (Model 30)
Maximum Battery Width	17" / 430 mm 23" / 580 mm 29" / 735 mm	17" / 430 mm 23" / 580 mm 29" / 735 mm	17" / 430 mm 23" / 580 mm 29" / 735 mm	17" / 430 mm 23" / 580 mm 29" / 735 mm
Battery Length	25" to 39 3/4" 635 to 1010 mm	25" to 39 3/4" 635 to 1010 mm	25" to 39 3/4" 635 to 1010 mm	25" to 39 3/4" 635 to 1010 mm
Min. Battery Height	20" / 500 mm	20" / 500 mm	20" / 500 mm	20" / 500 mm
Overall Length	67" / 1700 mm	67" / 1700 mm	67" / 1700 mm	67" / 1700 mm
Overall Width	45" / 1140 mm (Model 18) 51" / 1295 mm (Model 24) 57" / 1445 mm (Model 30)	45" / 1140 mm (Model 18) 51" / 1295 mm (Model 24) 57" / 1445 mm (Model 30)	45" / 1140 mm (Model 18) 51" / 1295 mm (Model 24) 57" / 1445 mm (Model 30)	37" / 940 mm (Model 18) 43" / 1090 mm (Model 24) 49" / 1245 mm (Model 30)
Overall Height	65 1/2" / 1665 mm	65 1/2" / 1665 mm	65 1/2" / 1665 mm	65 1/2" / 1665 mm
Roller Height Service Range	5 1/2" - 21 1/2" 140 - 545 mm	5 1/2" - 21 1/2" 140 - 545 mm	5 1/2" - 23 1/2" 140 - 595 mm	5 1/2" - 23 1/2" 140 - 595 mm
Roller Width (Nominal)	18" / 445 mm (Model 18) 24" / 610 mm (Model 24) 30" / 760 mm (Model 30)	18" / 445 mm (Model 18) 24" / 610 mm (Model 24) 30" / 760 mm (Model 30)	18" / 445 mm (Model 18) 24" / 610 mm (Model 24) 30" / 760 mm (Model 30)	18" / 445 mm (Model 18) 24" / 610 mm (Model 24) 30" / 760 mm (Model 30)
Extended Arm Reach (Beyond Roller Bed)	6" / 152 mm	6" / 152 mm	6" / 152 mm	6" / 152 mm
Service Weight (unloaded) <sup>5</sup>	1050 lb / 480 kg (Model 18) 1128 lb / 515 kg (Model 24) 1135 lb / 520 kg (Model 30)	945 lb / 430 kg (Model 18) 960 lb / 440 kg (Model 24) 1090 lb / 500 kg (Model 30)	850 lb / 390 kg (Model 18) 934 lb / 425 kg (Model 24) 1060 lb / 485 kg (Model 30)	718 lb / 330 kg (Model 18) 748 lb / 340 kg (Model 24) 960 lb / 440 kg (Model 30)

1. Maximum Load Capacity based on 39" Battery Length