

DM&E Corporation
Shelby, North Carolina
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Tow Crimper Feature Comparison

SPECIFICATION	CL-05	CL-21	WA
Maximum Denier	90,000 [9 ktex]	500,000 [55 ktex]	1,500,000 [167 ktex]
Maximum Speed	Up to 120 M/min	Up to 450M/min	Up to 250M/min
Capacity	160lb/hr [72kg/hr]	3,000lb/hr [1,500kg/hr]	5,500lb/hr [2,500kg/hr]
Horsepower	5HP [3.75kw]	10HP [7.5kw]	Varies with denier and speed
Tow Height	40" [1M]	48" [1.2M]	57" [1.7M]
Operating Direction	Vertical	Horizontal	Horizontal
Roll Width	1/8" – 1/2" [3mm-13mm]	1" – 2" [25mm-50mm]	2" – 6" [50mm-150mm]
Roll Diameter	2" [50mm]	6" [150mm]	6" [150mm]
Roll Material	440C Stainless Steel	440C Stainless Steel	440C Stainless Steel
Roll Bearings	Angular Contact Ball	Roller/Ball	Dual Tapered Roller
Stuffing Box Height	3mm-10mm	5mm-25mm	1.25" [32mm]
Head Construction	Welded Fabrication	Iron Casting	Iron Casting
Gear Box	Double-mesh gear	Helical	Helical
Motor Drive	AC Inverter	AC Inverter	AC Inverter
Motor	TEFC	TEFC	TEFC
Voltage	380/460 @ 50/60Hz	380/460 @ 50/60Hz	380/460 @ 50/60Hz
Phase	3	3	3
Pneumatic	1CFM@100psig [28L/min@7bar]	1CFM@100psig [28L/min@7bar]	1CFM@100psig [28L/min@7bar]
Paint	Powder Coat	Powder Coat	Powder Coat
Weight	800lb [135kg] Approx	900lb [409kg] Approx	1500lb [680kg] Approx
Size (LxWxH)	30x20x41" [76x51x104cm]	41x21x45" [104x54x115cm]	33x38x55" [84x97x140cm]
Warranty	1 year against defect in material or workmanship	1 year against defect in material or workmanship	1 year against defect in material or workmanship
Safety	Finger guards, E-stop	Finger guards, E-stop	Finger guards, E-stop
Popular Options	Cheek Plates, Cutter Integration, Pre-steamer	Tow Height, Cheek Plates, Cutter Integration, Pre-steamer, Convergence Guide, DS-20 Dancer, CLV-32	Cheek Plates, Cutter Integration, Pre-steamer, WA Dancer