

DM&E Corporation  
Shelby, North Carolina  
704.482.8876  
Tow Cutter Feature Comparison

Specification	20 SERIES	40 SERIES	60 SERIES	90 SERIES	120 SERIES	Mk4	Mk5
Maximum Denier	250,000 [28 ktex]	750,000 [85 ktex]	2,000,000 [222 ktex] 3,000,000 [333 ktex]	6,000,000 [666 ktex]	8,000,000 [888 ktex]	2,000,000 [222 ktex] 3,000,000 [333 ktex]	4,000,000 [444 ktex]
Maximum Speed	Up to 100 M/min	Up to 325 M/min	Up to 375 M/min	Up to 450 M/min	Up to 450 M/min	Up to 350 M/min	Up to 350 M/min
Capacity	350lb/hr [160kg/hr]	1,110lb/hr [500kg/hr]	16,500lb/hr [7500kg/hr]	40,000lb/hr [18,000kg/hr]	52,000lb/hr [23,600kg/hr]	20,266lb/hr [4656kg/hr] 15,400lb/hr [6986kg/hr]	20,532lb/hr 9316kg/hr]
Horsepower	1.5HP [1.1kw]	3HP [2.25kw]	10HP [7.5kw]	20HP [15kw]/ 30HP [20kw]	40HP [30kw]	10HP [705kw]	20HP [15kw]
Tow Height	48" [1.2M]	48" [1.2M]	48" [1.2M]/ 57" [1.4M]	48" [1.2M]/ 57" [1.4M]	48" [1.2M]/ 57" [1.4M]	57" [1.4M]	57" [1.4M]
Cutting Circumference	20" [508mm]	40" [1016mm]	60" [1524mm]	90" [2286mm]	120" [3045mm]	60" [1524mm]	90" [2286mm]
Vertical Blade Exposure	¼" [6.4mm]	3/8" to ¾" [9/5mm-19mm]	1.68"-2.75" [43mm-70mm]	3 3/8" [86mm]	6" [150mm]	1.68"-2/75" [43mm-70mm]	3 3/8" [86mm]
Cut Length	1/8-2.36 [3-60mm]	1/8-6" [3-150mm]	0.06-7 ½" [1.5-191mm]	1/8-7" [3-190mm]	1.5-7" [3-190mm]	1/8-7" [3-190mm]	1/8-7 ½" [3-191mm]
Blade Type	Removable	Removable	Removable	Removable	Removable	Removable	Removable
Reel Attachment	Drawbar	Drawbar	Drawbar	Captive Bolt (RAD Shown)	RAD	Captive Bolt	Captive Bolt
Presser Wheel Operation	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic
Presser Wheel Diameter	4" [102mm]	10" [254mm]	18" [457mm]	26" [660mm]	26" [660mm]	10" [254mm]	12" [30.5cm]

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Presser Wheel Material	Aluminum	Phenolic/ Aluminum	Phenolic/ Aluminum	Phenolic	Aluminum	Phenolic	Phenolic
Motor Drive	AC Inverter	AC Inverter	AC Inverter	AC Inverter	AC Inverter	AC Inverter	AC Inverter
Motor	TEFC	TEFC	TEFC	TEFC	TEFC	TEFC	TEFC
Voltage	200/220 @ 50/60 Hz	380/460 @ 50/60Hz	380/460 @ 50/60Hz	380/460 @ 50/60Hz	380/460 @ 50/60Hz	380/460 @ 50/60Hz	380/460 @ 50/60Hz
Phase	1	3	3	3	3	3	3
Pneumatic	1CFM @ 100psig [28L/min @ 7 bar]	1CFM @ 100psig [28L/min @ 7 bar]	1CFM @ 100psig [28L/min @ 7 bar]	1CFM @ 100psig [28L/min @ 7 bar]	1CFM @ 100psig [28L/min @ 7 bar]	1CFM @ 100psig [28L/min @ 7 bar]	1CFM @ 100psig [28L/min @ 7 bar]
Discharge Chute	Collection Pan	20" [254mm]	16" [406mm]	26" [635mm]	36" [91.7cm]	16" [406mm]	23" [58.4cm]
Paint	Powder Coat	Powder Coat	Powder Coat	Powder Coat	Powder Coat	Powder Coat	Powder Coat
Weight	500lb [226kg] Approx	700lb [318kg] Approx	2200lb [1000kg] Approx	4500lb [2040kg] Approx	6500lb [14000kg] Approx	1800lb [815kg] Approx	4000lb 1800kg] Approx
Size (LxWxH)	30x28x68" [76x71x170cm]	37x30x60" [94x76x152cm]	75x32x66" [191x81x167cm]	97x40x83" 246x102x202cm]	60x133x95" 152x340x240cm]	48x53x78" [122x135x200cm ]	68x70x83" [170x178x210cm]
Tension Stand	(9) pin tension ladder	Optional Integrated	Mk4/310 Series	310 Series	310 Series (High Tension)	Mk4/310 Series	310 Series
Belt Drive	Gear Box	HTD Double Reduction	HTD Double Reduction	HTD Double Reduction	HTD Double Reduction	Toothed Belt	Toothed Belt
Construction	Welded Fabrication	Welded Fabrication	Welded Fabrication	Welded Fabrication	Welded Fabrication	Welded Fabrication	Welded Fabrication
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	1 year against defect in material or workmanship	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	Interlocking doors and guards	Interlocking doors and guards	Interlocking doors and guards	Interlocking doors and guards	Interlocking doors and guards	Interlocking doors and guards	Interlocking doors and guards
Popular Options	CE compliance	Speed Integrated Tension Device (ITD) Cutting Load Indicator (CLI) CE Compliance	Tow height Speed Reel Attachment Device (RAD) Cutting Load Indicator (CLI) CE compliance	Tow height Speed Reel Attachment Device (RAD) Cutting Load Indicator (CLI) CE compliance	Cutting Load Indicator (CLI), CE compliance	Cutting Load Indicator (CLI), CE compliance	Cutting Load Indicator (CLI), CE compliance