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	250,000	750,000	2,000,000	6,000,000	8,000,000	2,000,000	4,000,000
Denier	[28 ktex]	[85 ktex]	[222 ktex]	[666 ktex]	[888 ktex]	[222 ktex]	[444 ktex]
			3,000,000			3,000,000	
			[333 ktex]			[333 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	1,110lb/hr	16,500lb/hr	40,000lb/hr	52,000lb/hr	20,266lb/hr	20,532lb/hr
	[160kg/hr]	[500kg/hr]	[7500kg/hr]	[18,000kg/hr]	[23,600kg/hr]	[4656kg/hr] 15,400lb/hr [6986kg/hr]	9316kg/hr]
Horsepower	1.5HP	3HP	10HP	20HP	40HP	10HP	20HP
	[1.1kw]	[2.25kw]	[7.5kw]	[15kw]/	[30kw]	[705kw]	[15kw]
				30HP			
				[20kw]			
Tow Height	48"	48"	48"	48"	48"	57"	57"
	[1.2M]	[1.2M]	[1.2M]/	[1.2M]/	[1.2M]/	[1.4M]	[1.4M]
			57"	57"	57"		
			[1.4M]	[1.4M]	[1.4M]		
Cutting	20"	40"	60"	90"	120"	60"	90"
Circumference	[508mm]	[1016mm]	[1524mm]	[2286mm]	[3045mm]	[1524mm]	[2286mm]
Vertical Blade	1/4"	3/8" to 3/4"	1.68"-2.75"	3 3/8"	6"	1.68"-2/75"	3 3/8"
Exposure	[6.4mm]	[9/5mm-19mm]	[43mm-70mm]	[86mm]	[150mm]	[43mm-70mm]	[86mm]
Cut Length	1/8-2.36	1/8-6"	0.06-7 ½"	1/8-7"	1.5-7"	1/8-7"	1/8-7 ½"
	[3-60mm]	[3-150mm]	[1.5-191mm]	[3-190mm]	[3-190mm]	[3-190mm]	[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	4"	10"	18"	26"	26"	10"	12"
Diameter	[102mm]	[254mm]	[457mm]	[660mm]	[660mm]	[254mm]	[30.5cm]

Specification	20 SERIES	40 SERIES	60 SERIES	90 SERIES	120 SERIES	Mk4	Mk5
Presser Wheel	Aluminum	Phenolic/	Phenolic/	Phenolic	Aluminum	Phenolic	Phenolic
Material		Aluminum	Aluminum				
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@	380/460@	380/460@	380/460@	380/460@	380/460@	380/460@
	50/60 Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Phase	1	3	3	3	3	3	3
Pneumatic	1CFM @ 100psig	1CFM @ 100psig	1CFM @ 100psig	1CFM @ 100psig	1CFM @ 100psig	1CFM @ 100psig	1CFM @ 100psig
	[28L/min @ 7	[28L/min @ 7 bar]	[28L/min @ 7	[28L/min @ 7	[28L/min @ 7	[28L/min @ 7	[28L/min @ 7
	bar]		bar]	bar]	bar]	bar]	bar]
Discharge Chute	Collection Pan	20" [254mm]	16"	26"	36"	16"	23"
			[406mm]	[635mm]	[91.7cm]	[406mm]	[58.4cm]
Paint	Powder Coat	Powder Coat	Powder Coat	Powder Coat	Powder Coat	Powder Coat	Powder Coat
Weight	500lb	700lb	2200lb	4500lb	6500lb	1800lb	4000lb
	[226kg]	[318kg]	[1000kg]	[2040kg]	[14000kg]	[815kg]	1800kg]
	Approx	Approx	Approx	Approx	Approx	Approx	Approx
Size (LxWxH)	30x28x68"	37x30x60"	75x32x66"	97x40x83"	60x133x95"	48x53x78"	68x70x83"
	[76x71x170cm]	[94x76x152cm]	[191x81x167cm]	246x102x202cm]	152x340x240cm]	[122x135x200cm	[170x178x210cm]
]	
Tension Stand	(9) pin	Optional Integrated	Mk4/310 Series	310 Series	310 Series (High	Mk4/310 Series	310 Series
	tension ladder				Tension)		
Belt Drive	Gear Box	HTD Double	HTD Double	HTD Double	HTD Double	Toothed Belt	Toothed Belt
		Reduction	Reduction	Reduction	Reduction		
Construction	Welded	Welded Fabrication	Welded	Welded	Welded	Welded	Welded
	Fabrication		Fabrication	Fabrication	Fabrication	Fabrication	Fabrication
Warranty	1 year against	1 year against	1 year against	1 year against	1 year against	1 year against	1 year against
	defect in material	defect in material	defect in material	defect in material	defect in material	defect in material	defect in material
	or workmanship	or workmanship	or workmanship	or workmanship	or workmanship	or workmanship	or workmanship
Safety	Interlocking	Interlocking doors	Interlocking	Interlocking	Interlocking	Interlocking	Interlocking
	doors and guards	and guards	doors and guards	doors and guards	doors and guards	doors and guards	doors and guards
Popular Options	CE compliance	Speed Integrated	Tow height	Tow height	Cutting Load	Cutting Load	Cutting Load
		Tension Device	Speed Reel	Speed Reel	Indicator (CLI), CE		Indicator (CLI), CE
		(ITD)	Attachment	Attachment	compliance	compliance	compliance
		Cutting Load	Device (RAD)	Device (RAD)			
		Indicator (CLI) CE	Cutting Load	Cutting Load			
		Compliance	Indicator (CLI) CE	Indicator (CLI) CE			
			compliance	compliance			