

High Speed Cutter

		POLAR 66	POLAR 78	POLAR 92	POLAR 115	POLAR 137	POLAR 155	POLAR 176
option: Autotrim								
waste removal max.	[mm in]	—	—	—	80 3.15	80 3.15	80 3.15	80 3.15
lowering front table up to	[mm in]	—	—	—	4 0.16	4 0.16	4 0.16	4 0.16
smallest cut with false plate, automatically	[mm in]	—	—	—	100 3.94	100 3.94	120 4.72	120 4.72
depth frame (G)	[mm in]	—	—	—	1,670 65.75	1,670 65.75	1,710 67.32	1,740 68.50
compressed air @ 6-8 bar	[l/min]	—	—	—	100	100	100	100
thread diameter	[mm in]	—	—	—	180 7.09	180 7.09	180 7.09	180 7.09
streaming velocity	[m/sec]	—	—	—	28 - 32	28 - 32	28 - 32	28 - 32
option: down holder in front of knife								
feeding height min.	[mm in]	—	—	—	25 0.98	25 0.98	25 0.98	25 0.98
compressed air @ 6-8 bar	[l/min]	—	—	—	1	1	1	2
options: backgauge								
swivel backgauge adjustable range	[mm in]	—	—	—	1 0.06	2 0.06	2 0.07	2 0.07
tiltable backgauge adjustable range (rear)	[mm in]	—	—	—	2 0.06	2 0.06	2 0.06	2 0.06
tiltable backgauge adjustable range (forward)	[mm in]	—	—	—	1 0.02	1 0.02	1 0.02	1 0.02
downholder backgauge feed depth min.	[mm in]	—	—	—	250 9.84	250 9.84	250 9.84	250 9.84
downholder backgauge pressure max.	[bar]	—	—	—	1	1	1	1
downholder backgauge compressed air @ 6-8 bar	[l/min]	—	—	—	1	1	1	1
Option: TwinClamp								
feeding depth max.	[mm in]	—	—	—	1,100 43.31	1,400 55.12	—	—
feeding height max. (without false clamp)	[mm in]	—	—	—	130 5.12	130 5.12	—	—
feeding height max. (with false clamp + 10 mm Vulco)	[mm in]	—	—	—	130 5.12	130 5.12	—	—
smallest cut, min, with backgauge clamp	[mm in]	—	—	—	300 11.81	300 11.81	—	—
smallest cut, automatically, with contoured false plate	[mm in]	—	—	—	50 1.97	50 1.97	—	—
downholder backgauge pressure min.	[kg lbs]	—	—	—	10 0.39	10 0.39	—	—
downholder backgauge pressure max.	[kg lbs]	—	—	—	60 2.36	60 2.36	—	—
downholder backgauge compressed air @ 6-8 bar	[l/min]	—	—	—	6	6	—	—
option: firmly mounted lift (S)								
pallet size max. (y)	[mm in]	—	—	—	800 31.50	800 31.50	1,050 41.34	—
pallet size max. (x)	[mm in]	—	—	—	1,200 47.24	1,200 47.24	1,450 57.09	—
usable fork length	[mm in]	—	—	—	900 35.43	900 35.43	1,100 43.31	—
stroke max.	[mm in]	—	—	—	880 34.65	880 34.65	880 34.65	—
carrying capacity max.	[kg lbs]	—	—	—	1,000 39.37	1,000 39.37	1,000 39.37	—
width (B)	[mm in]	—	—	—	3,464 136.38	3,684 145.04	4,219 166.10	—
height	[mm in]	—	—	—	1,862 73.31	1,862 73.31	1,862 73.31	—
weight, net	[kg lbs]	—	—	—	200 7.87	200 7.87	200 7.87	—
option: retractable side gauge								
loading width left max. (L)	[mm in]	—	—	—	910 35.83	1,215 47.83	1,340 52.76	2,040 80.31
loading width right max. (R)	[mm in]	—	—	—	—	1,020 40.16	980 38.58	1,430 56.30
compressed air per side @ 6-8 bar	[l/min]	—	—	2	2	2	2	2

Subject to technical alterations.

