



# GRAPPLES

Meet our new line of Waratah forestry grapples, designed to deliver exceptional performance and reliability across a wide range of forestry and non-forestry applications. With focuses on productivity and versatility, these grapples are Built To Work®.

## C MODELS

- Ideal for traditional forestry applications and machines, including forwarders, log loaders, shovel logging machines and bioenergy recovery.
- Symmetric frame, timing links and jaw tips designed to engage pile at an optimal angle.
- Available models: C21, C26, C30, C36, C36HD, C42, C46, C46HD

## LARGE C MODELS

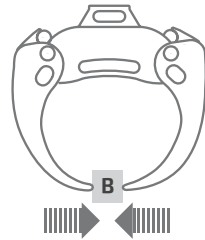
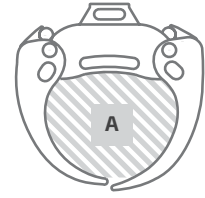
- Designed for larger material handlers used in woodyards, ports and other large-scale operations.
- Optimized frame structure and hydraulic features minimize structural stresses.
- Ideal for heavy-duty tasks.
- Available models: C60HD, C80, C100

## E MODELS

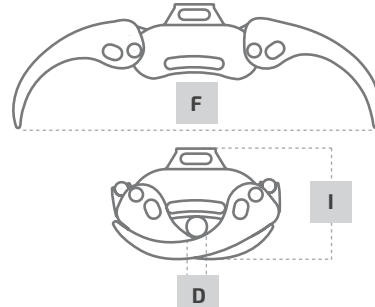
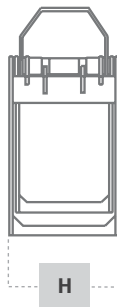
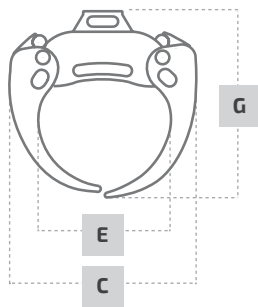
- Purpose-built for handling slash, logging residues, stumps and bioenergy applications.
- Specialized features for use with forwarders and chippers.
- Choice of four or five fingers for maximum material handling flexibility.
- Available models: C21E4, C30E4, C42E5, C46E4

# GRAPPLES

SPECIFICATIONS	Weight (kg/lb.)	Max. Operating Pressure (bar/PSI)	Max. Load (kg/ lb.)	Area A (m <sup>2</sup> /ft <sup>2</sup> )	Grip Force, Tip B (kN/lbf)
<b>C MODELS</b>					
C21	120 / 264	240 / 3481	3000 / 6600	0.21 / 2.26	9.4 / 2113
C26	230 / 506	250 / 3626	4000 / 8800	0.26 / 2.79	19 / 4271
C30	235 / 517	250 / 3626	4000 / 8800	0.30 / 3.22	19 / 4271
C36	242 / 532	250 / 3626	4000 / 8800	0.36 / 3.87	19 / 4271
C36HD	296 / 651	250 / 3626	4000 / 8800	0.36 / 3.87	19 / 4271
C42	290 / 638	250 / 3626	6000 / 13 200	0.42 / 4.52	23 / 5171
C46	300 / 660	250 / 3626	6000 / 13 200	0.46 / 4.95	23 / 5171
C46HD	390 / 858	250 / 3626	6000 / 13 200	0.46 / 4.95	23 / 5171
<b>LARGE C MODELS</b>					
C60HD	450 / 990	250 / 3626	6000 / 13 200	0.6 / 6.45	22 / 4946
C80	965 / 2123	250 / 3626	10000 / 22 000	0.8 / 8.61	34 / 7644
C100	1000 / 2200	250 / 3626	10000 / 22 000	1.00 / 10.76	31 / 6969
<b>E MODELS</b>					
C21E4	146 / 321	240 / 3481	3000 / 6600	0.21 / 2.26	9.4 / 2113
C30E4	297 / 653	250 / 3626	4000 / 8800	0.30 / 3.22	19 / 4271
C42E5	470 / 1034	250 / 3626	6000 / 13 200	0.42 / 4.52	23 / 5171
C46E4	450 / 990	250 / 3626	6000 / 13 200	0.46 / 4.95	23 / 5171



DIMENSIONS	C (mm/in.)	D (mm/in.)	E (mm/in.)	F (mm/in.)	G (mm/in.)	H (mm/in.)	I (mm/in.)
<b>C MODELS</b>							
C21	820 / 32	90 / 4	570 / 22	1345 / 53	799 / 31	368 / 14	492 / 19
C26	940 / 37	95 / 4	605 / 24	1600 / 63	888 / 35	473 / 19	604 / 24
C30	960 / 38	95 / 4	665 / 26	1690 / 67	940 / 37	475 / 19	599 / 24
C36	1005 / 40	95 / 4	765 / 30	1770 / 70	995 / 39	475 / 19	592 / 23
C36HD	1005 / 40	95 / 4	765 / 30	1770 / 70	995 / 39	506 / 20	592 / 23
C42	1115 / 44	130 / 5	810 / 32	2010 / 79	1110 / 44	535 / 21	672 / 26
C46	1130 / 44	130 / 5	840 / 33	2010 / 79	1130 / 44	535 / 21	666 / 26
C46HD	1130 / 44	130 / 5	840 / 33	2000 / 79	1130 / 44	566 / 22	665 / 26
<b>LARGE C MODELS</b>							
C60HD	1314 / 52	151 / 6	1043 / 41	2300 / 91	1230 / 48	610 / 24	707 / 28
C80	1585 / 62	175 / 7	1130 / 44	3010 / 119	1550 / 61	670 / 26	983 / 39
C100	1695 / 67	175 / 7	1290 / 51	3080 / 121	1645 / 65	675 / 27	990 / 39
<b>E MODELS</b>							
C21E4	783 / 31	90 / 4	513 / 20	1320 / 52	750 / 30	427 / 17	485 / 19
C30E4	955 / 38	70 / 3	655 / 26	1780 / 70	978 / 39	525 / 21	592 / 23
C42E5	1130 / 44	165 / 6	840 / 33	1955 / 77	1125 / 44	850 / 33	702 / 28
C46E4	1180 / 46	130 / 5	910 / 36	2000 / 79	1212 / 48	595 / 23	679 / 27



The manufacturer reserves the right to make changes in technical specifications.