



# DAEHAN GRAPPLE SERIES

Customer value is the priority



 **DAEHAN**  
HEAVY INDUSTRY  
[www.daehan-at.com](http://www.daehan-at.com)



[Head quarter in Korea]

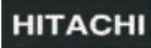














## History

- 1997** Organize as DAEHAN HEAVY INDUSTRY
- 1997** Produced Quick Coupler for Excavator
- 1998** Nominated as excellent Manufacturer of Coupler by the KOREA Construction Equipment Safety Institute
- 2000** Attachments manufacturing started (Grapples, Ripper & Lifting Fork)
- 2003** Special Vehicle Assembly Division established
- 2004** Designated as excellent enterprise
- 2006** Product Liability Insurance insured
- 2007** ISO 9001 & ISO 14001 certified
- 2007** Moved to the current Headquarter (Daedeok Techno Valley)
- 2009** CE Mark by CERMAT obtained
- 2010** Factory Extension
- 2010** Venture company obtained by Kibo
- 2011** DAEHAN R&D Center obtained by Koita
- 2011** GOST INNO-BIZ obtained utility patent obtained
- 2012** Designed patent obtained
- 2013** Certified patent



# Matching Table for DAEHAN GRAPPLE

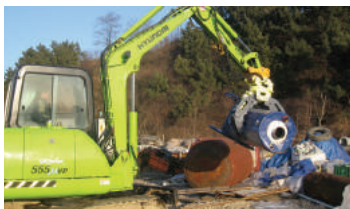
MODEL EXCAVATOR	DHRG / DHTG DHF6 / DHST 025	DHRG / DHTG DHF6 / DHST 035	DHRS / DHRW / DHPWA / DHPWB DHRWA / DHRWB DHLG / DHPLG / DHS DHMD / DHRB / DHST DHFS / DHFW / DHMG DHMP / DHMT 03	DHRS / DHRW DHPWA / DHPWB DHRWA / DHRWB DHLG / DHPLG DHSD / DHMD / DHRB DHST / DHFS / DHFW DHMG 04	DHRS / DHRW DHPWA / DHPWB DHRWA / DHRWB DHLG / DHPLG / DHS DHMD / DHRB / DHST DHFS / DHFW / DHMG DHMP / DHMT 06	DHRS / DHRW DHPWA / DHPWB DHRWA / DHRWB DHLG / DHPLG / DHS DHMD / DHRB / DHST DHFS / DHFW DHMG 07	DHRS / DHRW DHPWA / DHPWB DHRWA / DHRWB DHLG / DHPLG DHSD / DHMD / DHRB DHST / DHFS / DHFW DHMG 08	DHRS / DHRW DHPWA / DHPWB DHRWA / DHRWB DHLG / DHPLG DHSD / DHMD / DHRB DHST / DHFS / DHFW DHFW 09	DHRS / DHRW DHPWA / DHPWB DHRWA / DHRWB DHLG / DHPLG DHSD / DHMD / DHRB DHST / DHFS / DHFW DHFW / DHMG 10	DHRS / DHRW DHRB / DHST DHFS / DHFW 12	DHRS / DHRW DHRB / DHST DHFS / DHFW 16	DHRS / DHRW DHRB / DHST DHFS / DHFW 20
		EX8, UE10, EX12, UE12, UE15, EX17, EX18, UE20, EX22	EX25, EX27, EX30, UE30, EX33, EX34, ZX30, ZX35	EX40, UE40, EX40, UEX58, EX60, UH02, EX45, EX50, ZX50, ZX55	UH04, UH043, EX80, EX90, ZAXIS80	EX100, EX110, EX120, EX130, EX135, UH051, UH053, UH061, UH063, ZAXIS120	EX150, EX160	EX200, EX210, EX220, EX225, EX230, ZX200, ZX230	EX270, EX280, ZX270, UH121, UH123	EX300, ZX300	ZX330	EX350, EX370, EX450, ZX450
	SK015, SK15, SK16, SK25	SK035, SK030, SK30, SK35	SK045, SK050, SK45, SK60	SK70, SK80, SK600, K903	SK100, K904, SK115, SK120, SK135, K120, K904	SK150, K150, K905S, K160	SK200, SK210, SK220, SK225, SK235, ED180, K220, K907, 909	SK270	SK290, SK300, K300, K912	SK320, SK330	SK400, SK480, K400, K914, SK400, K916	SK400, SK480
	PC05, PC07-2, PC10, PC12, PC15, PC20	PC27, PC30, PC40, PW30, PE35	PC45, PC50, PC60	PC75, PW75, PC80, PC90	PC100, PW110, PC120, PC128, PC130, PW130	PC150, PW150, PC160, PW170, PC180	PC200, PC210, PC220, PC228, PC230	PC240	PC280, PC300		PC350, PC360, PC400, PC450	PC400, PC450
	EC14, EC15B, EC20, EC25	EC30, EC35	EC45, EW50, EC55, EC60, EW55	EC70, ECR88, EW70	EC130, EW130, SE130, SE130W, EW140, EW145, EC140	EC140, EC150, EW150, EW160, EW170	EC200, EC210, SE210, EC230, EW230	EC240	EC280, SE280, EC290, EC300	EC340, EC360	EC340, EC360, EC390, EC420	EC350, EC480
	80, 180, 158, 016	1CX, ROBOT150, ROBOT160/165/170 ROBOT185	2CX, 3CX, ZL70, ROBOT1105, 1110	4CX, 416HT, 3C1400, 3C1700, 407, 408 409, 412	JS130, JS130, WJS145	JS150, JS160, JS175, JS180	JS200, JS210, JS220	JS240		JS330	JS450, JS460	JS450, JS460
	CK1.2, CK1.5, 161825, 835B, 1818	CK28, CK31, 40XT, 60XT	CX35, 845, 1845	70XT, 75XT, 85XT, 90XT, 95XT, CX50, CX550/580/590, 680CK, CK62	WX120, CX130, CX135, 790, 880, 888, 9010, 9020	WX150, CX160, 980, 1080, 1085, CX180	CX210, CX225, WX220, 1085, 1088, 1180	CX240	CX290, CX1288	CX330	CX350, CX460, 170C, 2200B	CX460
	SOLAR007, SOLAR010	DH30, SOLAR30, SOLAR035, DSL602	DH50, SOLAR50, SOLAR55/55V, DSL902, DX55, DX55W	SOLAR70, SOLAR80, DH80W	DH130, SOLAR130, DX140, DX130, DX140W, DX130W	DH150, DH170, SOLAR 170/170W, SOLAR 180/180W	SOLOR 200, DH200, SOLAR220, DH220, DX200, DX220, DX210		DH280, SOLAR280, DH320, SOLAR290, SOLAR300, DX300	SOLAR 320/330	SOLAR 360/400, DX420, SOLAR420	SOLAR 450, DH450, DX470, DH470
	ROBEX15	ROBEX28/35, HX155R	ROBEX450/500, ROBEX500W, ROBEX55W, ROBEX55	ROBEX95W, ROBEX70	ROBEX110/130W, ROBEX130LC/140, LCROBEX140W	ROBEX170/180	ROBEX200/210, ROBEX220/2000, ROBEX2100/2200	ROBEX250	ROBEX280/290, ROBEX300, ROBEX 3000/2900	ROBEX 320/330	ROBEX 360/420, ROBEX 450	ROBEX 450
	709, 8709, 440B, 443, X119, X120, 81, 463, 322D, 553F	B250, 520, 533F, 543, 630, 631, 643, 645, 721, 753, 763, 773, X225, X825, X325, X320, S150, S130, X325D, X328D, S175	S250, 300, A300, 331[E], A220[S], T200[S], T300, 337, 341D, 442D, X335, T250, 553									
		U30, K028, K030, K035	K040, U40, U50, RX501, RX502, KH055, K045, U45									
		VIO30, B3, B32	VIO40, B4U, VIO50, B5									
	301-5, 301-6, 301-8	302-5, 303-216, 226, 228, 303CR	304-5, MX45, 232, 236, 242, 246, 248, 262, 416, 420, 426, 428, 430, 438, 305CR	307, 446B, 308, 931	205, 206, 311, 312, 314, E110B, 206BFT, 212BFT	214B, E120, B315, 525B, 535B	215, 219, 224225, 318, 320, 321, 322		229, 325, 229D, E/EL300, 231, 330		235, 330BL/CL, 345BL	
		SH420	SH55	SH60	SH120		SH200		SH300			

\* This specifications are subject to change without any notice. Depend on the actual condition of excavators, This table can be changeable.

# Unique Daehan Designing & Engineering Rotating Multi Grapple

## Product features

- Unlimited clockwise and anti-clockwise 360° rotatable.
- Operator can control the rotating speed.
- Oil flow control valve and motor protection mechanism applied.
- Specially designed big cylinder for more power.
- Specially designed swing bearing for durability.
- Wear resistant special solid steel(API 70 & AR 500 from POSCO) is used and no extra reinforcement is requirement.
- For loading scrap, garbage, demolition debris and waste paper.
- Contractors in Forestry, Recycling, Landscaping and General contracting all appreciate the versatility of DAEHAN's power rotating grapples for their various configuring options.



MODEL		UNIT	DHRS 03	DHRS 04	DHRS 06	DHRS 07	DHRS 08	DHRS 09	DHRS 10	DHRS 12	DHRS 16	DHRS 20
Weight		kg	360	450	800	890	1,470	1,550	1,850	1,950	2,400	2,550
		lb	793	992	1631	1,763	3,240	3,417	4,078	4,299	5,291	5,621
Jaw opening		m/m	1,300	1,400	1,800	1,800	2,300	2,300	2,500	2,500	2,500	2,700
		inch	51	55	70	70	90	90	98	98	98	106
Pincer	Operating Pressure	Bar	180~210	180~210	190~230	190~230	190~250	190~250	220~300	220~300	220~230	220~300
	Required Oil Flow	lpm	40~60	40~60	90~110	90~110	100~180	100~180	120~200	120~200	150~220	150~220
Rotating	Operating Pressure	Bar	130~150	130~150	140~160	140~160	150~170	150~170	150~170	150~170	150~170	150~170
	Required Oil Flow	lpm	30~50	30~50	40~60	40~60	40~60	40~60	40~60	40~60	40~60	40~60
Carrier		Ton	5	7	14	18	20	24	30	33	38	45
		lb	11,023	15,432	30,865	39,683	44,092	52,910	66,139	72,753	83,776	99,208

• Specifications are subject to change without prior notice for improvement of quality



## Rotating Multi Grapple

DAEHAN Grapple is the standard! Strong power for Forestry, Recycling, Landscaping, General contracting, etc.. Never comparing any grapples.



# Powerful Rotation and Full Safety System

## Rotating Wood Grapple (Tooth Type)

### Product features

- Lever controlled operation facilitates loading and unloading of logs.
- Minimized hydraulic trouble which may occur during rotating works.
- Flexible choices dependent on job requirement.
- Operator can control the rotating speed.
- Oil flow control valve and motor protection mechanism applied.
- Unlimited clockwise and anti-clockwise 360° rotatable.
- Specially designed swing bearing for durability and big cylinder for more power.
- Wear resistant special solid steel (AR 500 & API 70 from POSCO) is used and no extra reinforcement is requirement.
- Flexible choices dependent on job requirement.



MODEL		UNIT	DHRW 03	DHRW 04	DHRW 06	DHRW 07	DHRW 08	DHRW 09	DHRW 10	DHRW 12	DHRW 16	DHRW 20
Weight		kg	250	440	780	870	1,450	1,520	1,820	1,920	2,350	2,500
		lb	551	970	1,719	1,918	3,196	3,351	4,012	4,232	5,180	5,511
Jaw opening		m/m	1,060	1,400	1,800	1,800	2,300	2,300	2,500	2,500	2,500	2,700
		inch	41	55	70	70	90	90	98	98	98	106
Pincer	Operating Pressure	Bar	180~210	180~210	190~230	190~230	190~250	190~250	220~300	220~300	220~230	220~300
	Required Oil Flow	lpm	40~60	40~60	90~110	90~110	100~180	100~180	120~200	120~200	150~220	150~220
Rotating	Operating Pressure	Bar	130~150	130~150	140~160	140~160	150~170	150~170	150~170	150~170	150~170	150~170
	Required Oil Flow	lpm	30~50	30~50	40~60	40~60	40~60	40~60	40~60	40~60	40~60	40~60
Carrier		Ton	5	7	14	18	20	24	30	33	38	45
		lb	11,023	15,432	30,865	39,683	44,092	52,910	66,139	72,753	83,776	99,208

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## Rotating Wood Grapple

Perfect partner DAEHAN Rotating wood Grapple! Specially designed swing bearing for durability and big cylinder for more power, so many users in the world love that.



# Optimized for Forest Rotating Wood Grapple (Link Type)

## Product features

- Unlimited clockwise and anti-clockwise 360° rotatable.
- Specially designed swing bearing for durability and big cylinder for more power.
- Wear resistant special solid steel (AR 500 & API 70 from POSCO) is used and no extra reinforcement is requirement.
- Flexible choices dependent on job requirement.
- Lever controlled operation facilitates loading and unloading of logs.
- Minimized hydraulic trouble which may occur during rotating works.
- Flexible choices dependent on job requirement.
- Operator can control the rotating speed.
- Oil flow control valve and motor protection mechanism applied.



MODEL		UNIT	DHRWA 03 DHRWB 03	DHRWA 04 DHRWB 04	DHRWA 06 DHRWB 06	DHRWA 07 DHRWB 07	DHRWA 08 DHRWB 08	DHRWA 09 DHRWB 09	DHRWA 10 DHRWB 10
Weight		kg	340	430	780	820	1,450	1,530	1,820
		lb	749	947	1,719	1,807	3,196	3,373	4,012
Jaw opening		m/m	1,060	1,400	1,800	1,800	2,300	2,300	2,500
		inch	41	55	70	70	90	90	98
Pincer	Operating Pressure	Bar	180~210	180~210	190~230	190~230	190~250	190~250	220~300
	Required Oil Flow	lpm	40~60	40~60	90~110	90~110	100~180	100~180	120~200
Rotating	Operating Pressure	Bar	130~150	130~150	140~160	140~160	150~170	150~170	150~170
	Required Oil Flow	lpm	30~50	30~50	40~60	40~60	40~60	40~60	40~60
Carrier		Ton	5	7	14	18	20	24	30
		lb	11,023	15,432	30,865	39,683	44,092	52,910	66,139

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# Optimized for Forest Rotating Wood Grapple (Pendulum Type)

## Product features

- Flexible choices dependent on job requirement.
- Operator can control the rotating speed.
- Unlimited clockwise and anti-clockwise 360° rotatable.
- Specially designed swing bearing for durability and big cylinder for more power.
- Wear resistant special solid steel (AR 500 & API 70 from POSCO) is used and no extra reinforcement is requirement.
- Flexible choices dependent on job requirement.
- Lever controlled operation facilitates loading and unloading of logs.
- Minimized hydraulic trouble which may occur during rotating works.



MODEL		UNIT	DHPWA 03 DHPWB 03	DHPWA 04 DHPWB 04	DHPWA 06 DHPWB 06	DHPWA 07 DHPWB 07	DHPWA 08 DHPWB 08	DHPWA 09 DHPWB 09	DHPWA 10 DHPWB 10
Weight		kg	280	340	630	630	1,090	1,090	1,580
		lb	617	749	1,388	1,388	2,403	2,403	3,483
Jaw opening		m/m	1,060	1,400	1,800	1,800	2,300	2,300	2,500
		inch	41	55	70	70	90	90	98
Pincer	Operating Pressure	Bar	180~210	180~210	190~230	190~230	190~250	190~250	220~300
	Required Oil Flow	lpm	40~60	40~60	90~110	90~110	100~180	100~180	120~200
Rotating	Operating Pressure	Bar	130~150	130~150	140~160	140~160	150~170	150~170	150~170
	Required Oil Flow	lpm	30~50	30~50	40~60	40~60	40~60	40~60	40~60
Carrier		Ton	5	7	14	18	20	24	30
		lb	11,023	15,432	30,865	39,683	44,092	52,910	66,139

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# Rotating Log Grapple (Link Type)

## Product features

- Very Wide opening & very positive closing for small single log.
- Various log handling as Timber, log, wood, etc.
- Working kinds of Sorting, loading, unloading, laying.



# Rotating Log Grapple (Pendulum Type)

## Product features

- Very specially designed swing bearing for durability and big cylinder for more power.
- Wear resistant special solid steel is used.
- Unlimited clockwise and anti-clockwise 360° rotatable.



MODEL	UNIT	DHLG 03	DHLG 04	DHLG 06	DHLG 07	DHLG 08	DHLG 09	DHLG 10	DHPLG 03	DHPLG 04	DHPLG 06	DHPLG 07	DHPLG 08	DHPLG 09	DHPLG 10	
Weight	kg	270	320	550	600	1,400	1,490	1,850	250	290	500	590	1,270	1,350	1,700	
	lb	595	705	1,212	1,675	3,086	3,284	4,078	551	639	1,102	1,300	2,799	2,976	3,747	
Jaw opening	m/m	1,400	1,600	1,800	2,300	2,300	2,300	2,500	1,400	1,600	1,800	2,300	2,300	2,300	2,500	
	inch	55	62	70	90	90	90	98	55	62	70	90	90	90	98	
Pincer	Operating Pressure	Bar	180~210	180~210	180~210	180~230	190~250	190~250	220~300	180~210	180~210	180~210	180~230	190~250	190~250	220~300
	Required Oil Flow	lpm	40~60	40~60	90~110	90~110	100~180	100~180	120~200	40~60	40~60	90~110	90~110	100~180	100~180	120~200
Rotating	Operating Pressure	Bar	130~150	130~150	140~160	140~160	150~170	150~170	150~170	130~150	130~150	140~160	140~160	150~170	150~170	150~170
	Required Oil Flow	lpm	30~50	30~50	40~60	40~60	40~60	40~60	40~60	30~50	30~50	40~60	40~60	40~60	40~60	40~60
Carrier	Ton	5	7	14	18	20	24	30	5	7	14	18	20	24	30	
	lb	11,023	15,432	30,865	39,683	44,092	52,910	66,139	11,023	15,432	30,865	39,683	44,092	52,910	66,139	

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# Rotating Fork Grapple

## Product features

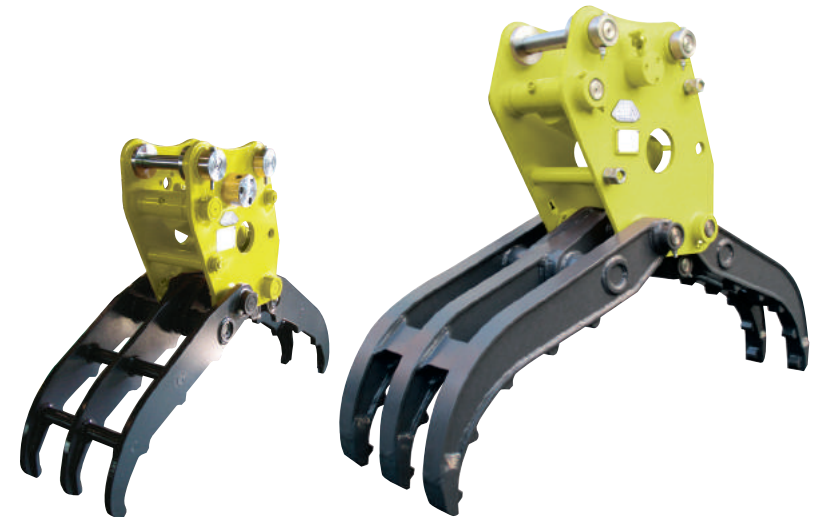
- For loading scrap, garbage, demolition debris and waste paper.
- Contractors in Forestry, Recycling, Landscaping and General contracting all appreciate the versatility of DAEHAN's power rotating grapples for their various configuring options.



# Fixed Fork Grapple

## Product features

- Landscaping, Stone layering, demolition and many others works.
- Wear and tear resistant special steel is used.



MODEL		UNIT	DHRF 02	DHRF 03	DHRF 04	DHRF 06	DHRF 08	DHRF 10	DHFF 02	DHFF 03	DHFF 04	DHFF 06	DHFF 08	DHFF 10
Weight		kg	210	325	530	815	1,430	2,100	180	280	380	590	1,060	1,730
		lb	462	716	1,168	1,796	3,152	4,629	396	617	837	1,300	2,336	3,813
Jaw opening		m/m	1,180	1,300	1,650	1,840	2,240	2,530	1,180	1,300	1,650	1,840	2,240	2,530
		inch	46	51	64	72	88	99	46	51	64	72	88	99
Pincer	Operating Pressure	Bar	180~210	180~210	180~210	190~230	190~250	220~300	180~210	180~210	180~210	190~230	190~250	220~300
	Required Oil Flow	lpm	40~60	40~60	40~60	90~110	100~180	120~200	40~60	40~60	40~60	90~110	100~180	120~200
Rotating	Operating Pressure	Bar	130~150	130~150	130~150	140~160	150~170	150~170	-	-	-	-	-	-
	Required Oil Flow	lpm	30~50	30~50	30~500	40~60	40~60	40~60	-	-	-	-	-	-
Carrier		Ton	3~4	4~6	7~11	12~16	17~23	24~30	3~4	4~6	7~11	12~16	17~23	24~30
		lb	6613	8818	15,432	26,455	37,478	52,910	6613	8818	15,432	26,455	37,478	52,910
			~8818	~13,227	~24,250	~35,273	~50,706	~66,138	~8818	~13,227	~24,250	~35,273	~50,706	~66,138

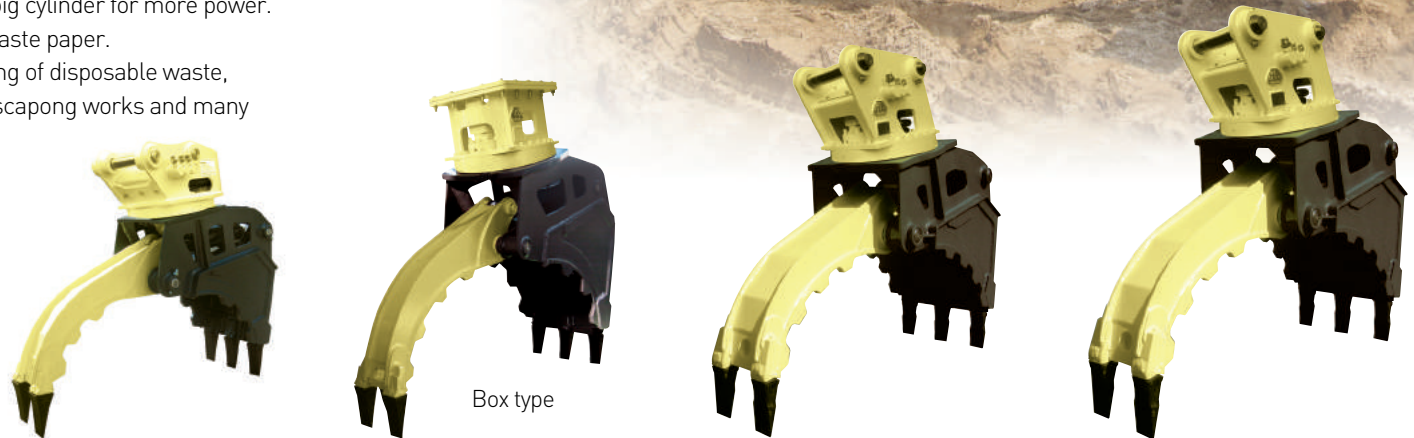
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# New Paradigm & Application! Daehan Grapples

## Rotating Bucket Grapple

### Product features

- New type power 360° Rotating Grapple.
- Minimized hydraulic trouble which may occur during rotating works.
- Oil flow control valve and motor protection mechanism applied.
- Specially designed swing bearing for durability and big cylinder for more power.
- For loading scrap, garbage, demolition debris and waste paper.
- Used in a variety of applications including the handling of disposable waste, brush, logs, construction debris, stones, pipes, landscapong works and many others.
- Flexible choices dependent on job requirement.
- Operator can control the rotating speed.



MODEL	UNIT	DHRB 03	DHRB 04	DHRB 06	DHRB 07	DHRB 08	DHRB 09	DHRB 10	DHRB 12	DHRB 16	
Weight	kg	330	440	890	940	1,390	1,460	1,990	2,100	2,250	
	lb	727	970	1,962	2,072	3,064	3,218	4,387	4,629	4,960	
Jaw opening	m/m	1,120	1,400	1,600	1,600	1,850	1,850	2,000	2,000	2,200	
	inch	44	55	63	63	73	73	78	78	87	
Pincer	Operating Pressure	kg/cm <sup>2</sup>	180~210	180~210	190~230	190~230	190~250	190~250	220~300	220~300	220~230
	Reguired Oil Flow	lpm	40~60	40~60	90~110	90~110	100~180	100~180	120~200	120~200	150~220
Rotating	Operating Pressure	kg/cm <sup>2</sup>	130~150	130~150	140~160	140~160	150~170	150~170	150~170	150~170	
	Reguired Oil Flow	lpm	30~50	30~50	40~60	40~60	40~60	40~60	40~60	40~60	
Carrier	Ton	5	7	14	18	20	24	30	33	38	
	lb	11,023	15,432	30,865	39,683	44,092	52,910	66,139	72,753	83,776	
Bucket Capacity	m <sup>3</sup>	0.12	0.19	0.39	0.39	0.62	0.62	0.85	0.85	1.15	

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## Rotating Bucket Grapple

Grapple's Landmark! Specially designed Bucket grapple leads paradigm of jobsite. Used in variety of applications including the handling of everything as logs, debris, stones, pipes and many others.



# Jobsite Favorite Daehan Grapples

## Fixed Bucket Grapple

### Product features

- Landscaping, Stone layering, demolition and many others works.
- Wear and tear resistant special steel is used.
- Specially designed big capacity cylinder, integrated control lever with operating buttons.
- Designed for providing secure lifting of logs.
- For loading scrap, garbage, demolition debris and waste paper.
- Versatile applications including handling of stones, pipes, disposable waste, landscaping works and many others.
- The shape of DAEHAN's Strong bucket grapple allows for the handling of various materials such as manure, compost, waste, tires and lightweight residential debris.



MODEL	UNIT	DHST 02	DHST 03	DHST 04	DHST 06	DHST 07	DHST 08	DHST 09	DHST 10	DHST 12	DHST 16	DHST 20
Weight	kg	110	260	300	660	690	1,190	1,100	1,780	1,300	2,100	2,400
	lb	242	573	661	1,455	1,521	2,292	2,425	2,667	2,866	4,630	5,291
Jaw opening	m/m	827	1,300	1,400	1,800	1,800	2,100	2,100	2,260	2,260	2,500	2,700
	inch	32.5	51	55	70	70	82.5	82.5	89	89	98	106
Operating Pressure	Bar	180~210	180~210	180~210	180~210	190~220	190~220	190~220	220~300	220~300	220~300	220~300
Reguired Oil Flow	Lpm	40~60	40~60	90~110	90~110	100~180	100~180	120~200	120~200	150~220	150~220	180~250
Carrier	Ton	2.5	5	7	14	18	20	24	30	33	38	45
	lb	5,511	11,023	15,432	30,865	39,683	44,092	52,910	66,139	72,753	83,776	99,208

• Specifications are subject to change without prior notice for improvement of quality

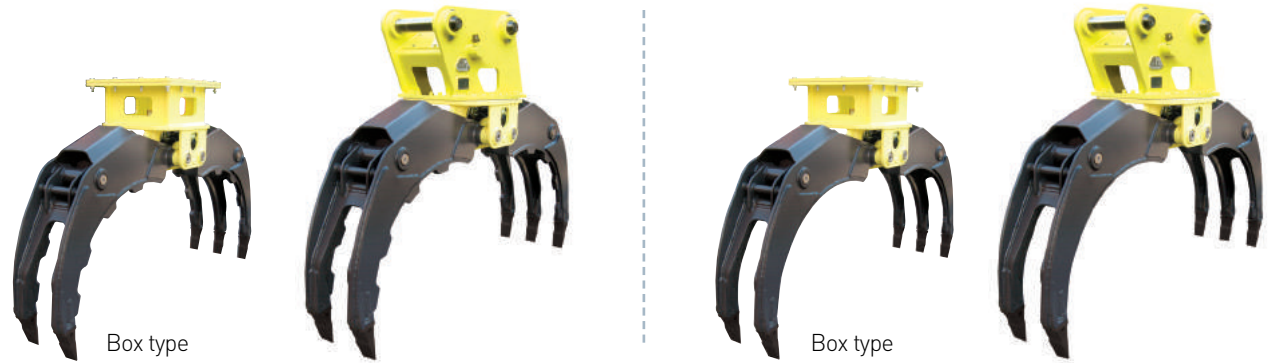


## Fixed Bucket Grapple

Safe & Save. Very strong steel can endure at hard job, so very safe and save time & money.  
Specially designed big capacity cylinder becomes happy to you.



## Fixed Multi Grapple Fixed Wood Grapple



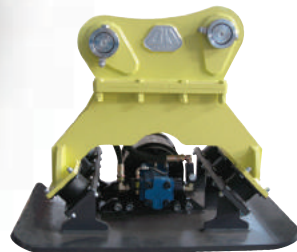
Model	Unit	DHFS 03 DHFV 03	DHFS 04 DHFV 04	DHFS 06 DHFV 06	DHFS 07 DHFV 07	DHFS 08 DHFV 08	DHFS 09 DHFV 09	DHFS 10 DHFV 10	DHFS 16 DHFV 16	DHFS 20 DHFV 20
Weight	Kg	310	360	650	700	1,380	1,450	1,720	2,250	2,400
	lb	551	793	1,433	1,543	3,042	3,196	3,791	4,960	5,291
Jaw Opening	mm	1,300	1,400	1,800	1,800	2,300	2,300	2,500	2,500	2,700
	inch	51	55	70	70	90	90	98	95	106
Operating Pressure	Bar	100~140	110~160	140~180	160~200	160~200	180~220	180~220	190~230	190~230
Required Oil Flow	lpm	40~60	40~60	90~110	100~180	120~200	120~200	120~200	150~200	180~250
Carrier	ton	5	7	14	18	20	24	30	36	45
	lb	11,023	15,432	30,865	39,683	44,092	52,910	66,139	79,336	99,208

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## Hydraulic Compactor (DHC)

### Product features

- Useful for road construction, foundation & backfill.
- Specially designed 45° inclined vibration-proof rubber absorbs and minimizes shock power.
- Longer lifetime of damper.
- No pressure adjustment due to a high pressure generating motor.



Model	Unit	DHC 03	DHC 06	DHC 08	DHC 10
Carrier	Ton	5	14	20	30
	lb	11,023	30,865	44,092	66,139
Power of Impulse	Ton	4	6.5	15	15
Max. Oil Flow	rpm	2000	2,000	2,000	2,000
Operating Flux	l/min	45~75	85~105	120~170	120~170
Pressure	kg/cm <sup>2</sup>	100~130	100~130	150~200	150~200
Weight	kg	300	500	900	950
	lb	661	1,102	1,984	2,094
Bottom Measurement	mm(LxWxT)	900×550×25	1160×700×28	1350×900×30	1350×900×30
Height	mm (inch)	760 (30)	920 (36)	1060 (41)	1100 (43)
Width	mm (inch)	550 (21.5)	700 (27.5)	900 (35)	900 (35)

• Specifications are subject to change without prior notice for improvement of quality



# DAEHAN Hydraulic Thumb

## Product features

- Landscaping, Stone layering, demolition and many others works.
- Wear and tear resistant special steel is used.
- Enclosed check valve for protective operation.
- Specially designed big capacity cylinder.
- Versatile applications including handling of stones, pipes, disposable waste, landscapong works

Progressive Thumb

Advanced Thumb



Model	Unit	DHMG 03	DHMG 04	DHMG 06	DHMG 08	DHMG 10
Weight	kg	110	110	200	350	550
	lb	242	242	440	771	1,212
Operating Pressure	kg/cm <sup>2</sup>	110~140	120~160	150~170	160~180	160~180
Reguired Oil Flow	lpm	30~55	50~100	90~110	100~140	130~170
Carrier	ton	5	7	14	20	30
	lb	11,023	15,432	30,865	44,092	66,139

• Specifications are subject to change without prior notice for improvement of quality

# DAEHAN Ripper



Item	Unit	DHR 03	DHR 06
Weight	kg	28-80	230
	lb	61-176	507
Over all Height	mm	674-694	948-977
Over all Width	mm	265-275	354-419
Ripper Tip		CAT Tooth	CAT Tooth
Carrier	ton	4-9	11-16

Item	Unit	DHR 08	DHR 10
Weight	kg	415	590
	lb	914	1,300
Over all Height	mm	1,190	1,225
Over all Width	mm	516	600
Ripper Tip		CAT 330	CAT 330
Carrier	ton	17-23	24-36

• Specifications are subject to change without prior notice for improvement of quality

# Demolition Grapple (MD/SD)

## Product features

- AR 500 Main frame & resistant special steel is used.
- Excellent demolition job & loading, unloading.
- Specially designed 2 big capacity cylinder.
- Unlimited clockwise and anti-clockwise 360° rotatable.
- Wide jaw open. • Safty open and close for job site.

MODEL	UNIT	DHMD 03 DHSD 03	DHMD 04 DHSD 04	DHMD 06 DHSD 06	DHMD 07 DHSD 07	DHMD 08 DHSD 08	DHMD 09 DHSD 09	DHMD 10 DHSD 10
Weight	kg	410	460	740	810	1,290	1,330	1,710
	lb	903	1014	1,631	1,785	2,843	2,932	1,769
Jaw opening	m/m	1,300	1,400	1,800	1,800	2,200	2,200	2,400
	inch	51	55	70	70	86	86	94
Oil Pressure	kg/cm <sup>2</sup>	100~140	110~160	140~180	160~200	160~200	190~240	200~250
Operating Flux	lpm	30~70	40~90	90~120	140~180	140~190	170~210	170~220
Max. Closing Force	ton	4.5	4.5	8	8	9.7	9.7	12
Carrier	ton	5	7	14	18	20	24	30
	lb	11,023	15,432	30,865	39,683	44,092	52,910	66,139

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# DAEHAN Drum Cutter



MODEL	UNIT	DHDC 03	DHDC 06	DHDC 08	DHDC 10	DHDC 16
Weight	kg	220	820	1,350	1,400	2,300
	lb	485	1,807	2,976	3,086	5,070
Hyd. Motor Power	kw	25	45	75	100	160
Max. Oil Pressure	bar	350	350	350	350	350
Oil Flow Rate	l/min	40~100	90~130	170~220	180~250	320~490
Rotating Speed	rpm	110	100	95	80	65
Max output torque	knm	3.68	8.61	14.62	16.25	30
Carrier	ton	4~7	8~16	17~24	24~36	38~50
	lb	8,818	17,636	37,478	52,910	83,775
		~15,432	~35,273	~52,910	~79,366	~110,231

• Specifications are subject to change without prior notice for improvement of quality

## Pulverizer

### Product features

- Speed-up valve for fast work
- High strength and wear resistance materials for reliability



## Pulverizer (Rotating)

### Product features

- Trunnion mounting cylinder for compact design
- 360° hydraulic rotating materials for reliability



Item	Unit	DHFP 03	DHFP 06	DHFP 08	DHFP 10	DHRP 03	DHRP 06	DHRP 08	DHRP 10
Weight	kg	500	1,300	1,730	2,300	550	1,390	1,880	2,100
Jaw Opening	mm	630	840	970	1,050	508	670	775	840
Total Width	mm	910	1,214	1,424	1,540	760	972	1,145	1,200
Total Length	mm	1,245	1,663	1,955	2,110	1,382	1,700	2,025	2,200
Arm Width	mm	252	298	320	350	208	270	300	350
Body Width	mm	370	490	506	550	370	490	506	550
Crushing Force	ton	35	85	105	165	50	65	95	120
Excavator	ton	4.5~8.0	12~18	20~28	29~40	4.5~8.0	12~18	20~28	29~40

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## Quick Coupler Push Type (DHCS)

### Product features

- DAEHAN Quick coupler for excavators combines stability and agility.
- Attaching DAEHAN Quick Coupler to an excavator takes only ten seconds, enhancing the working efficiency of excavator.
- DAEHAN Quick Coupler serves mechanical locking system for security and safety.



Item	Unit	DHCS-02	DHCS-03	DHCS-04	DHCS-06	DHCS-08	DHCS-10	DHCS-17
Pin to Pin Distance	mm	86~200	230~270	290~360	380~420	460~480	473~540	550~620
Weight	kg	30	50~60	80	120~130	280~290	420~430	450~580
Working Pressure	kgf/cm <sup>2</sup>	40~380	40~380	40~380	40~380	40~380	40~380	40~380
Necessity Flux	l	10~20	10~20	10~20	10~20	10~20	10~20	10~20

• Specifications are subject to change without prior notice for improvement of quality

## Multi Processor

### Product features

- Versatility work with 3 options (crushing / pulverizing / shearing).
- Powerful and speedy work with 2 cylinder system.



Item	Unit	DHRMP 08	DHRMP 10
Weight	kg	2,050	2,700
Jaw Opening	mm	1,030	1,150
Total Width	mm	1,364	1,780
Total Length	mm	2,020	2,260
Total Height	mm	682	750
Crushing Force	ton	170	220
Excavator	ton	20~28	29~40

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## Quick Coupler Pull Type (DHCL)

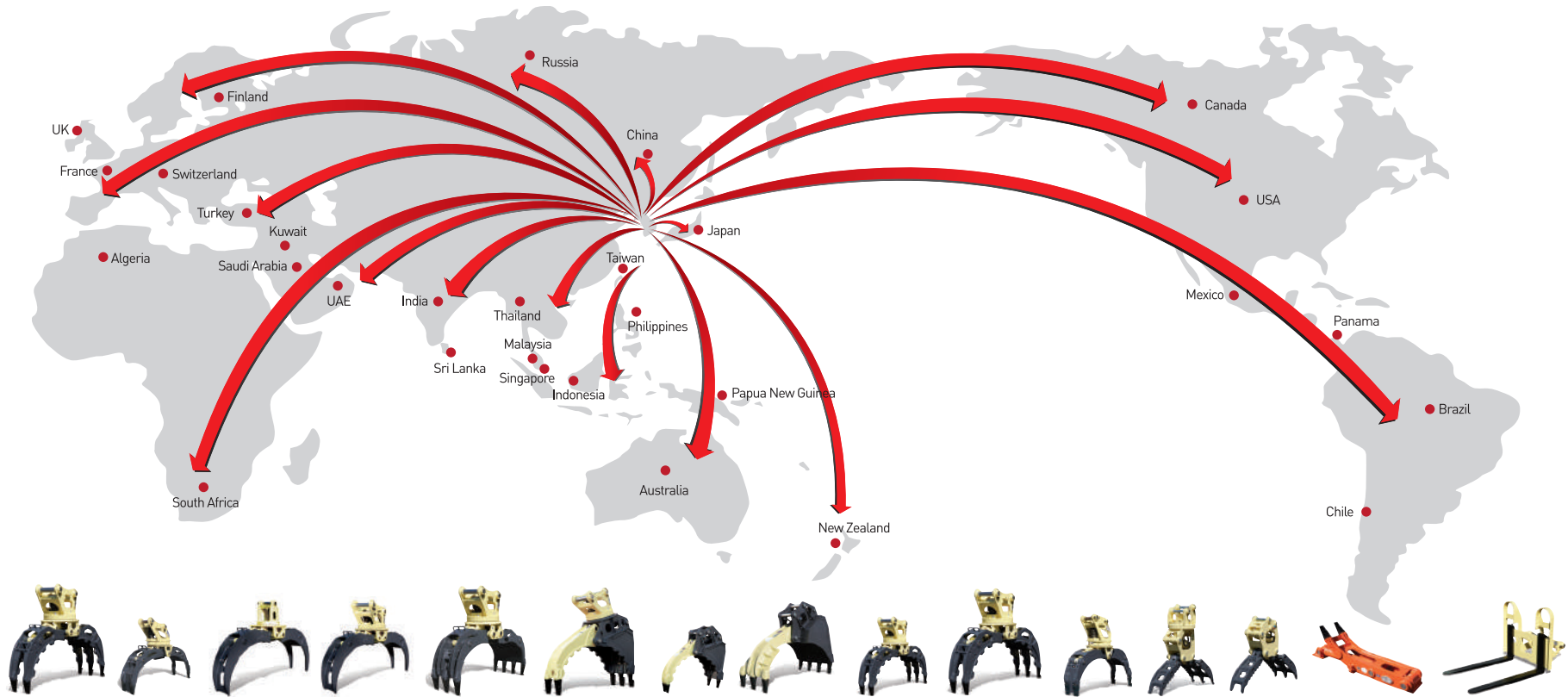


Item	Unit	DHCL-08	DHCL-10	DHCL-17
Pin to Pin Distance	mm	460~480	420~540	520~590
Weight	kg	280~290	420~450	480~550
Working Pressure	kgf/cm <sup>2</sup>	40~380	40~380	40~380
Necessity Flux	l	10~20	10~20	10~20

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# DAEHAN COMMIT

Continuous quality improvement, Products variety, Timely responsive services.



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