

WOODS COMPACT AND  
STANDARD EXCAVATOR  
PRICE BOOK  
JUNE 1, 2012

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**PLEASE NOTE:**

- Bucket capacities are based on SAE J296 heaped capacity; bucket teeth are not included in this capacity calculation
- Bucket and attachment weights may vary slightly from stated weights
- Bucket and attachment dimensions may vary slightly from stated dimensions

## KEY FEATURES: COMPACT EXCAVATOR BUCKETS & ATTACHMENTS

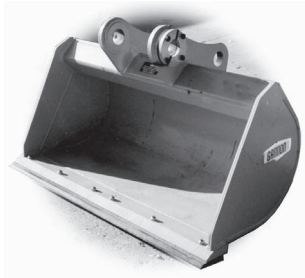


### Gannon/Wain-Roy Heavy-Duty Buckets (HD)

Heavy-Duty Buckets are designed to handle clay, gravel, compacted soils and loose rock applications. Each HD bucket is designed to meet or exceed OEM specifications while improving machine efficiency and productivity. They are designed to improve bucket life when used in a more abrasive material application. HD buckets contain additional material to increase bucket durability while maintaining productivity. HD buckets also come in high capacity versions for increased material volume, resulting in improved productivity.

### Gannon/Wain-Roy Severe-Duty Buckets (SD)

Our Severe-Duty Buckets are specially designed for durability in severe abrasion applications and high impact conditions. SD buckets incorporate high strength materials and heavier material thickness for extended bucket life, structural strength and durability. SD buckets are also available in high capacity versions.



### Gannon/Wain-Roy General Purpose Ditching & Grading Buckets

Ditching & Grading Buckets are used for ditch cleaning, grading, backfilling and loose material loading applications. They feature a wide and shallow tub design that offers a shorter tip radius allowing for the increased width without losing material penetration. Ditching & Grading buckets are ideal for use in sand, topsoil, and other loose or soft materials.

### Wain-Roy Severe-Duty Ripper Buckets

Ripper Buckets are used in wide variety of severe applications where material is being both ripped and removed. Rip and dig with one attachment to increase performance and efficiency. As the current pass is dug and removed, the next pass is ripped and prepared. Standard applications for Ripper Buckets would include: frozen ground, sandstone, limestone, caliche, shale, coral, and other severe materials.

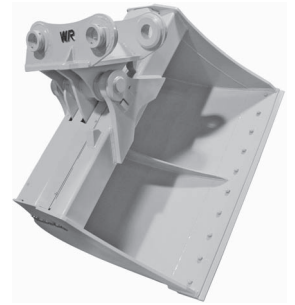


### Wain-Roy Heavy-Duty Jaw Buckets

Jaw Buckets provide the versatility of a trenching bucket and a thumb in one unit without having to weld thumb brackets onto the boom. Jaw Buckets are effective jobsite trenchers and haulers of cumbersome materials. Remove, load, and backfill material with the front jaw in the closed position and then use the hydraulically actuated jaw to pick and place large objects such as boulders, stumps, pipe, logs, concrete slabs and other debris. Jaw Buckets are an effective multi-use tool for construction applications.

## Wain-Roy Heavy-Duty Tilting Buckets

Tilting Buckets rotate up to a total of 90 degrees, 45 degrees each side of center, for greater control and flexibility during ditch cleaning, grading, backfilling and loose material loading and unloading applications. The tilting mechanism allows the bucket to rotate at various angles in order to form the surface to the desired shape without repositioning the machine. This is especially beneficial when working along roadways or in tight operating conditions.



(Shown with coupler)



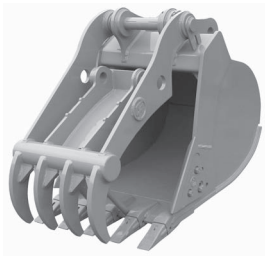
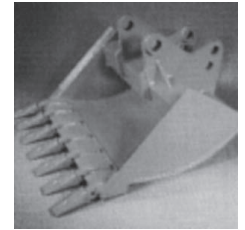
## CF/Wain-Roy Severe-Duty Single Point Rippers

Single Point Rippers are designed for the most demanding ripping applications of rock, clay, coral, and frost. Our standard design incorporates a heavy-duty OEM ear group mounting, and is available in many standard shank lengths and widths. Our rippers are manufactured with high strength steel shanks and can be custom designed to meet specific applications.



## Gannon/Wain-Roy Heavy-Duty Specialty Buckets

Specialty Buckets are offered for Cemetery/Bellhole, Pavement Removal, Pipe and Cribbing/Railroad applications. Trapezoid and "V" Buckets are also available. Standard products exist for the Specialty Bucket classification but can also be designed for your specific needs.



## CF/Wain-Roy Heavy-Duty Thumbs/Material Clamps

Thumbs are used in conjunction with a bucket as an efficient method to handle bulk material in landscaping and clearing, demolition, recycling, waste management, utility, and general contracting applications. Thumbs offer pick and place movement of large, awkward objects such as boulders, stumps, pipe, logs, concrete slabs, and other debris. Several variations of thumb attachment methods and tines are available to meet specific requirements.

## Wain-Roy Heavy-Duty Coupler Grapples

Grapples provide an efficient method of handling, recycling, and debris removal in land clearing, demolition, and landscape applications. We offer a stiff arm mount with single claw movement or a hydraulic configuration in which both claws can be operated independently. Our grapples can be used in conjunction with mechanical or hydraulic quick latch systems.

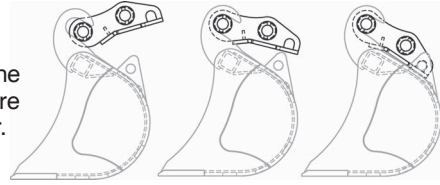


## KEY FEATURES: COMPACT EXCAVATOR COUPLERS



### Gannon Quick Change Coupler

"Blank hook" design enables the coupler to attach entirely to the outside of the bucket for full-bucket capacity. No tools are required to attach it to virtually any OEM compact excavator.



### CF Mechanical Quick Latch Coupler

The CF mechanical coupler offers a lightweight, yet durable design for your most demanding coupler requirements. The coupler design allows a simple method to quickly switch attachments on a machine. A manual locking pin securely locks the attachment to the coupler. Couplers are custom designed to fit Woods manufactured or OEM attachments. Optional jump latches allow machines to adapt to different manufacturers attachments and provide greater flexibility between machines and attachments on the job site.

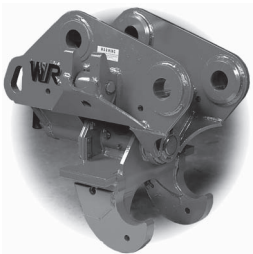
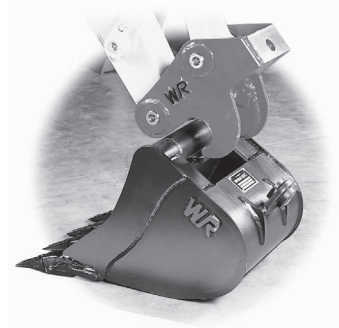


### Gannon Eliminator Manual Quick Coupler

The Eliminator manual quick coupler is designed for use with all Wain-Roy Original buckets and attachments. The manual coupler provides a simple and quick method to change excavator buckets and attachments. Maintaining close to the manufacturers pin-on performance specifications results in a near zero loss of breakout force. Eliminator coupler models are available to work with C&P, CAT, and Original Wain-Roy style buckets.

### Wain-Roy XLS Coupler System

The Wain-Roy XLS coupler system allows the benefit of fast and efficient changing of excavator buckets and attachments while maintaining close to the manufacturers pin-on performance specifications. This results in a near zero loss of breakout force. The Wain-Roy XLS coupler system design significantly reduces the free play between the coupler and attachments. The design provides the close fit between coupler and attachments to be maintained through simple adjustments with hand tools and periodic shimming. The XLS coupler system is designed for use with Wain-Roy Original and XLS style buckets and attachments. The XLS coupler system is available in an easy-to-use manual or "operate from the seat" hydraulic release configuration.



### Wain-Roy XLS Swinger Coupler System

Wain-Roy Swinger Couplers rotate up to a total of 90 degrees, 45 degrees each side of center, for greater control and flexibility of any quick change attachment system. Buckets and specialty attachments such as rippers, jaws, grapples, compactors and hammers can be rotated to the desired position to achieve maximum production. Greater tool and attachment positioning flexibility increases efficiency in any work area. The hydraulic cylinder is positioned to minimize movement and provide protection from debris and excessive wear.

# COMPACT EXCAVATOR BUCKET & ATTACHMENT SELECTION CHART

Classification ⇔		1/16 YARD < 4,500 lbs. HDM15-Series	1/8 YARD 4,500 – 9,000 lbs. HDM30-Series	1/8 YARD 9,000 – 12,500 lbs. HDM45-Series	1/4 YARD 12,500 – 16,000 lbs. HD1-Series
<b>Airman</b>	<b>Current Models</b>	AX08-3, AX10u-4, AX17u-4	AX22u-4, AX27u-5F, AX30u-5F, AX35u-5F	AX40u-5F, AX50u-5F	
	<b>Vintage</b>	AX05-2, AX08-2K, AX10u-2, AX15u-3, AX20u-3	AX27u-3, AX27u-4, AX30u-3, AX35u-3	AX40ui-3, AX50u-3	
<b>Bobcat</b>	<b>Current Models</b>	324, 418	325, 425, E32, E35	E42, E45, E50	E60
	<b>Vintage</b>	316, 320, 322, 323	328, 331, 334, 335, 430	337, 341, 341G, 430ZHS, 435, 435ZHS	442, 442s
<b>Case</b>	<b>Current Models</b>	CX17B	CX27B, CX31B, CX36B	CX50B	
	<b>Vintage</b>	CX14	CX25, CX31, CX36	CX47	CX75SR
<b>Caterpillar</b>	<b>Current Models</b>	301.6C, 301.8C	302.5C, 303.5D CR	305D CR, 305.5D CR	307D, 308D CR, 308D CR SB
	<b>Vintage</b>	301.5, 301.6, 301.8	302.5, 303CR, 303C CR, 303.5, 303.5C CR	304CR, 304C CR, 304.5, 305CR, 305C CR	307, 308CR
<b>Coyote</b>	<b>Current Models</b>	CE08, CE15	CE25, CE35, CE35R	CE55	CE75
	<b>Vintage</b>		CE45		
<b>Daewoo / Doosan</b>	<b>Current Models</b>		DX27Z, DX30Z, DX35Z	DX55, DX55W	DX60R
	<b>Vintage</b>	S010, S015	S030P, S035, S35-V	S055VP, S55-V	S075-V, S70-V, S75-V
<b>Ditch Witch</b>	<b>Current Models</b>		XT855	XT1600	
	<b>Vintage</b>	MX9, MX15, MX182	MX202, MX272, MX352, XT850	MX45, MX502	
<b>Gehl</b>	<b>Current Models</b>	153	283Z, 353, 373, 383Z	503Z	603
	<b>Vintage</b>	193, 223	253, 303		702, 753Z, 802
<b>Hitachi</b>	<b>Current Models</b>	ZX17U-2	ZX27U-3, ZX35U-3	EX50U-3	ZX60USB-3
	<b>Vintage</b>	EX17, EX17U	EX27, EX35, ZX27U, ZX27U-2, ZX35U-2	EX50, EX50U, Zaxis 650U-2	ZX80
<b>Hyundai</b>	<b>Current Models</b>	R16-7	35Z-7A, R22-7, R35Z-7, R36N-7	R55-7, R55-7A, R55W-7, R55W-7A	R75-7, R80-7, R80-7A
	<b>Vintage</b>	R15-7	R27Z-9, R28-7	R55-3, R55W-3	
<b>IHI</b>	<b>Current Models</b>	9VX, 15VX	28N-3, 30NX-2, 35N-3, 35VX	40VXL, 55VX	55N-3, 65VX
	<b>Vintage</b>	4J, 7J, 9NX-2, 12NX, 15NX-2, 16N, 17NE, 18N	20NX, 25NX-2, 28N-2, 35, 35N-2, 35NX-2, 40N	40NX, 45N, 45NX, 55J, 55NX	55N-2, 65NX
<b>JCB</b>	<b>Current Models</b>	8008, 8018 CTS, 8020 CTS	8025 ZTS, 8030 ZTS, 8035 ZTS, 8040 ZTS	8045 ZTS, 8055 RTS	8065 RTS
	<b>Vintage</b>	8014 CTS, 8015, 8016 CTS, 8017, 8105-2	802, 802.4, 802.7, 803, 804, 8027, 8032	8052	8060
<b>John Deere</b>	<b>Current Models</b>	17D ZTS	27D ZTS, 35D ZTS	50D ZTS	60D
	<b>Vintage</b>	17 ZTS, 17C ZTS	27 ZTS, 27C ZTS, 35 ZTS, 35C ZTS, 110	50 ZTS, 50C ZTS	70, 70D, 75C, 80, 80C, 85, 190E

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## COMPACT EXCAVATOR BUCKET & ATTACHMENT SELECTION CHART (Continued)

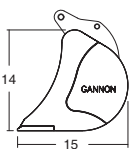
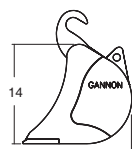
Classification ⇨		1/16 YARD < 4,500 lbs. HDM15-Series	1/8 YARD 4,500 – 9,000 lbs. HDM30-Series	1/8 YARD 9,000 – 12,500 lbs. HDM45-Series	1/4 YARD 12,500 – 16,000 lbs. HD1-Series
<b>Kobelco</b>	<b>Current Models</b>	17SR-3	27SR-3, 35SR-3	50SR-3	
	<b>Vintage</b>	13SR GK, 17SR	25SR, 25SR-2, 27SR-2, 30SR-2, 30SR-3	45SR-2	70SR, 80CS
<b>Komatsu</b>	<b>Current Models</b>	PC09-1, PC18MR-3	PC35MR-3	PC45MR-3, PC55MR-3	PC78US-8
	<b>Vintage</b>	PC02-1, PC15MRX-1, PC18MR-2, PC20MR-2, PC20MRX-1	PC27MR-2, PC27MR-3, PC27MRX-1, PC30MR-2, PC30MR-3, PC35MR-2	PC40MR-2, PC50MR-2, PC58UU-3, PC59M	PC60-7, PC75UU-3, PC78MR-6, PC78US-6, PC78UU-6
<b>Kubota</b>	<b>Current Models</b>	K008-3, KX41-3V, U17	KX71-3S, KX91-3S2, U25S, U35S2	KX057-4, KX121-3S	KX080-3, KX161-3S, U45S, U55
	<b>Vintage</b>	13SR, U15	KH91, KX61-2S, KX71-3, KX91-2, KX91-3S, U25, U35	KH121, KX121-2, KX121-3	KH151, KH191, KX151, KX161-2, KX191, U45S
<b>Mustang</b>	<b>Current Models</b>	ME1503	ME2803ZT, ME3503, ME3703, ME3803ZT	ME5003ZT	ME5003ZT, ME6003, ME7503ZT, ME8003
	<b>Vintage</b>	ME15, ME1502, ME2203	ME25, ME35, ME2503, ME3003		ME5002, ME6002, ME6502, ME8002
<b>New Holland</b>	<b>Current Models</b>	E18.B	E27.B, E35.B	E50.B	
	<b>Vintage</b>	17SR, E9SR, E10SR, E18SR, EC15, EH15.B	27SR, 30SR, E30.B, EC25, EC35, EH25, EH35	50SR, EC45, EH45	EH70, EH80
<b>Takeuchi</b>	<b>Current Models</b>	TB016, TB108	TB138FR, TB228, TB235	TB153FR, TB250	TB175, TB180FR
	<b>Vintage</b>	TB014	TB025, TB035, TB23R, TB28FR, TB125, TB135	TB045, TB53FR, TB145, TB153	TB070, TB68S
<b>Terex</b>	<b>Current Models</b>	TC16 (HR1.6), TC20 (HR2.0)	TC25, TC29 (HR14), TC35 (HR16), TC37 (HR3.7)	TC48 (HR18), TC50 (HR5.0), TC60 (HR20)	TC75 (HR32)
	<b>Vintage</b>	HR1.5, HR11, HR12, HR13		TW70	
<b>Thomas</b>	<b>Current Models</b>				
	<b>Vintage</b>	T-15S, T-15V	T-25S, T-35S, T-45S		T75
<b>Vermeer</b>	<b>Current Models</b>				
	<b>Vintage</b>	CX216, CX218, CX219z	CX224, CX229, CX234	CX254	
<b>Volvo</b>	<b>Current Models</b>	EC15B, EC20C	EC35C, ECR28, ECR38	EC55C, ECR48C, ECR58	ECR88
	<b>Vintage</b>	EC17C, EC18C, EC20B	EC25, EC27C, EC30, EC35, EC45	EC55B, ECR58	
<b>Yanmar</b>	<b>Current Models</b>	SV08, Vi017	ViO20-3, ViO27-5, ViO35-5	ViO45-5B, ViO55-5B	
	<b>Vintage</b>	B08-3, B15, SV08, ViO15-2	ViO27-5, ViO35-5	ViO40-2A, ViO40-3, ViO50-2A, ViO50-3	B7-5A, ViO75-A

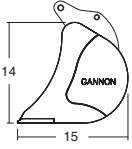
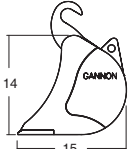
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- Bucket and attachment dimensions may vary slightly from stated dimensions

# 1/16 yard (Less than 4500 lb.) COMPACT EXCAVATOR BUCKETS & COUPLERS

## BUCKETS

<i>Gannon Pin-On</i>	Style / Width	Cap. Cu. Ft.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price	<i>Gannon Quick Change</i>	Style / Width	Cap. Cu. Ft.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price
	HEAVY-DUTY HDM15-9	0.59	65	0.625	2	<b>\$ 702</b>		HEAVY-DUTY HDM15-9	0.59	57	0.625	2	<b>\$ 653</b>
	HDM15-12	1.08	77	0.625	3	<b>765</b>		HDM15-12	1.08	65	0.625	3	<b>716</b>
	HDM15-16	1.26	87	0.625	4	<b>852</b>		HDM15-16	1.26	75	0.625	4	<b>777</b>
	HDM15-18	1.45	92	0.625	4	<b>878</b>		HDM15-18	1.45	80	0.625	4	<b>815</b>
	HDM15-20	1.75	100	0.625	4	<b>941</b>		HDM15-20	1.75	85	0.625	4	<b>866</b>
	HDM15-24	2.05	108	0.625	4	<b>1,016</b>		HDM15-24	2.05	92	0.625	4	<b>903</b>

<i>Gannon Pin-On</i>				Bolt-On Cutting Edge		<i>Gannon Quick Change</i>				Bolt-On Cutting Edge	
	DITCHING & GRADING HDM15-30	2.25	135	Standard	<b>\$ 991</b>		DITCHING & GRADING HDM15-30	2.25	130	Standard	<b>\$ 866</b>
	HDM15-36	3.00	150	Standard	<b>1,091</b>		HDM15-36	3.00	145	Standard	<b>953</b>

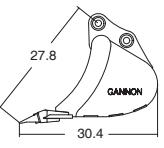
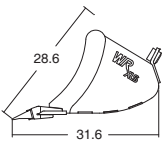
## COUPLERS

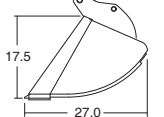
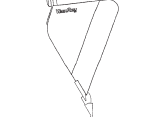
<i>Gannon Quick Change</i>	Style / Description	Wt. (lbs.)	List Price
	QUICK CHANGE Quick Change	20	<b>\$ 859</b>

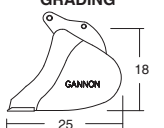
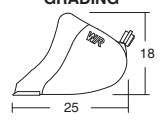



# 1/8 yard (4,500 to 9,000 lb.) COMPACT EXCAVATOR BUCKETS & COUPLERS

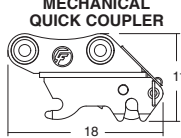
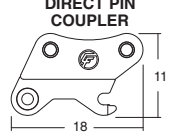
## BUCKETS

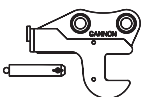
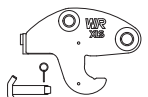
<b>Gannon Pin-On</b>	<b>Style / Width</b>	<b>Cap. Cu. Ft.</b>	<b>Wt. (lbs.)</b>	<b>Lip Size (in.)</b>	<b>No. Teeth</b>	<b>List Price</b>	<b>Wain-Roy QC (Original, XLS)</b>	<b>Style / Width</b>	<b>Cap. Cu. Ft.</b>	<b>Wt. (lbs.)</b>	<b>Lip Size (in.)</b>	<b>No. Teeth</b>	<b>List Price</b>
	HEAVY-DUTY HDM30-10	1.4	163	0.75	3	\$ 682		HEAVY-DUTY HDM30-10	1.4	155	0.75	3	\$ 694
	HDM30-12	1.6	168	0.75	3	743		HDM30-12	1.6	160	0.75	3	731
	HDM30-16	2.5	184	0.75	3	804		HDM30-16	2.5	176	0.75	3	792
	HDM30-18	2.8	199	0.75	4	840		HDM30-18	2.8	190	0.75	4	828
	HDM30-20	3.4	213	0.75	4	889		HDM30-20	3.4	203	0.75	4	877
	HDM30-24	4.0	246	0.75	5	926		HDM30-24	4.0	235	0.75	5	926
	HDM30-30	5.2	302	0.75	6	987		HDM30-30	5.2	296	0.75	6	974
	HDM30-36	6.4	362	0.75	7	1,145		HDM30-36	6.4	351	0.75	7	1,133
<b>Optional Welded Side Cutter Extensions, Add:</b>						<b>174</b>	<b>Optional Welded Side Cutter Extensions, Add:</b>						<b>174</b>

<b>Gannon Pin-On</b>	<b>Style / Width</b>	<b>Cap. Cu. Ft.</b>	<b>Wt. (lbs.)</b>	<b>Lip Size (in.)</b>	<b>No. Teeth</b>	<b>List Price</b>	<b>Wain-Roy Quick Change (XLS)</b>	<b>Style / Width</b>	<b>Cap. Cu. Ft.</b>	<b>Wt. (lbs.)</b>	<b>Lip Size (in.)</b>	<b>No. Teeth</b>	<b>List Price</b>
	CEMETERY / BELLHOLE 18-12	1.5	146	0.75	3	\$ 991		CEMETERY / BELLHOLE 1006242-12	2.0	198	0.75	3	\$ 972
	18-18	2.5	180	0.75	4	1,170		1006242-16	3.0	211	0.75	3	1,091
	18-24	3.7	214	0.75	5	1,323		1006242-18	3.5	225	0.75	4	1,152
	18-30	4.9	252	0.75	6	1,425		1006242-24	5.0	253	0.75	5	1,304
	18-36	6.0	291	0.75	7	1,530		1006242-30	6.5	281	0.75	6	1,407
									1006242-36	8.0	295	0.75	7

<b>Gannon Pin-On</b>	<b>Style / Width</b>	<b>Cap. Cu. Ft.</b>	<b>Wt. (lbs.)</b>	<b>BOCE</b>	<b>List Price</b>	<b>Wain-Roy Quick Change (XLS)</b>	<b>Style / Width</b>	<b>Cap. Cu. Ft.</b>	<b>Wt. (lbs.)</b>	<b>BOCE</b>	<b>List Price</b>
	DITCHING & GRADING DGM45-24	4.0	252	Standard	\$ 1,291		DITCHING & GRADING DGM45-24	4.0	238	Standard	\$ 999
	DGM45-30	5.2	298	Standard	1,389		DGM45-30	5.2	283	Standard	1,060
	DGM45-36	6.4	354	Standard	1,498		DGM45-36	6.4	338	Standard	1,169
	DGM45-42	7.6	403	Standard	1,644		DGM45-42	7.6	388	Standard	1,291
	DGM45-48	8.8	454	Standard	1,754		DGM45-48	8.8	438	Standard	1,413
<b>Note:</b> Optional drain holes in side plate or backsheet.						<b>Note:</b> Optional drain holes in side plate or backsheet.					

## COUPLERS

<b>CF Mechanical Quick Latch</b>	<b>Style / Description</b>	<b>Wt. (lbs.)</b>	<b>List Price</b>	<b>CF Direct Pin</b>	<b>Style / Description</b>	<b>Wt. (lbs.)</b>	<b>List Price</b>
	Mechanical (with pin kit)	85	\$ 2,060		Mechanical (with single pin kit)	54	\$ 1,220
	Jump latch		2,266		Jump latch		1,343
<b>COUPLER PIN KIT</b>		47	219	<b>COUPLER PIN KIT (SINGLE PIN)</b>		15	110

<b>Gannon Eliminator</b>	<b>Style / Description</b>	<b>Wt. (lbs.)</b>	<b>List Price</b>	<b>Wain-Roy Quick Change (XLS)</b>	<b>Style / Description</b>	<b>Wt. (lbs.)</b>	<b>List Price</b>
	MANUAL RELEASE Manual release (Accepts 025, 026, 027 style buckets and attachments)	70	\$ 879		MANUAL RELEASE Manual release (Fits all Original and XLS style buckets and attachments)	70	\$ 879

## ATTACHMENTS, SPECIALTY BUCKETS & KITS

For Specialty Buckets, see pages 1-12 to 1-13.  
For Thumbs (Material Clamps), see page 1-13.

For Wain-Roy Adapters, see page 1-14.

A

# 1/8 yard (9,000 to 12,500 lb.) COMPACT EXCAVATOR BUCKETS & COUPLERS

## BUCKETS

<b>Gannon Pin-On</b>	Style / Width	Cap. Cu. Ft.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price	<b>Wain-Roy QC (XLS)</b>	Style / Width	Cap. Cu. Ft.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price
	HEAVY-DUTY HDM45-12	2.5	205	0.75	3	\$ 1,084		HEAVY-DUTY HDM45-12	2.5	190	0.75	3	\$ 780
	HDM45-16	3.4	245	0.75	3	1,121		HDM45-16	3.4	214	0.75	3	840
	HDM45-18	4.2	253	0.75	4	1,145		HDM45-18	4.2	238	0.75	4	865
	HDM45-24	6.0	302	0.75	5	1,291		HDM45-24	6.0	284	0.75	5	962
	HDM45-30	8.1	350	0.75	6	1,389		HDM45-30	8.1	330	0.75	6	1,072
	HDM45-36	10.1	398	0.75	7	1,583		HDM45-36	10.1	374	0.75	7	1,194
Optional Welded Side Cutter Extensions, Add:						174	Optional Welded Side Cutter Extensions, Add:						174

### Gannon Pin-On

CEMETERY / BELLHOLE	Style / Width	Cap. Cu. Ft.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price
	18-12	1.5	146	0.75	3	\$ 991
	18-18	2.5	180	0.75	4	1,170
	18-24	3.7	214	0.75	5	1,323
	18-30	4.9	252	0.75	6	1,425
	18-36	6.0	291	0.75	7	1,530

### Wain-Roy Quick Change (XLS)

CEMETERY / BELLHOLE	Style / Width	Cap. Cu. Ft.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price
	1006242-12	2.0	198	0.75	3	\$ 972
	1006242-16	3.0	211	0.75	3	1,091
	1006242-18	3.5	225	0.75	4	1,152
	1006242-24	5.0	253	0.75	5	1,304
	1006242-30	6.5	281	0.75	6	1,407
	1006242-36	8.0	295	0.75	7	1,511

### Gannon Pin-On

DITCHING & GRADING	Style / Width	Cap. Cu. Ft.	Wt. (lbs.)	BOCE	List Price
	DGM45-24	4.0	252	Standard	\$ 1,291
	DGM45-30	5.2	298	Standard	1,389
	DGM45-36	6.4	354	Standard	1,498
	DGM45-42	7.6	403	Standard	1,644
	DGM45-48	8.8	454	Standard	1,754

### Reversible BOCE

### Wain-Roy Quick Change (XLS)

DITCHING & GRADING	Style / Width	Cap. Cu. Ft.	Wt. (lbs.)	BOCE	List Price
	DGM45-24	4.0	238	Standard	\$ 999
	DGM45-30	5.2	283	Standard	1,060
	DGM45-36	6.4	338	Standard	1,169
	DGM45-42	7.6	388	Standard	1,291
	DGM45-48	8.8	438	Standard	1,413

Note: Optional drain holes in side plate or backsheet.

Note: Optional drain holes in side plate or backsheet.

## COUPLERS

### CF Mechanical Quick Latch

MECHANICAL QUICK COUPLER	Style / Description	Wt. (lbs.)	List Price
	Mechanical (with pin kit)	150	\$ 2,343
	Jump latch		2,577
COUPLER PIN KIT		55	267

### CF Direct Pin

DIRECT PIN COUPLER	Style / Description	Wt. (lbs.)	List Price
	Mechanical (with single pin kit)	98	\$ 1,258
	Jump latch		1,383
COUPLER PIN KIT (SINGLE PIN)		18	134

### Gannon Eliminator

MANUAL RELEASE	Style / Description	Wt. (lbs.)	List Price
	Manual release (Accepts 025, 026, 027 style buckets and attachments)	70	\$ 879

### Wain-Roy Quick Change (XLS)

MANUAL RELEASE	Style / Description	Wt. (lbs.)	List Price
	Manual release (Fits all Original and XLS style buckets and attachments)	70	\$ 879


## ATTACHMENTS, SPECIALTY BUCKETS & KITS

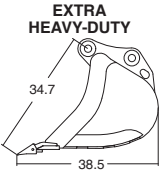
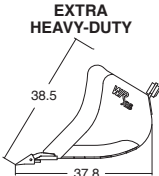
For Specialty Buckets, see pages 1-12 to 1-13.

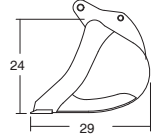
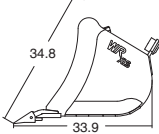
For Wain-Roy Adapters, see page 1-14.

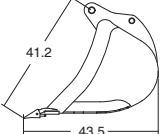
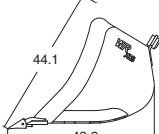
For Thumbs (Material Clamps), see page 1-13.

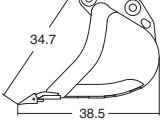
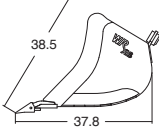
# 1/4 yard (12,500 to 16,000 LB) COMPACT EXCAVATOR BUCKETS & COUPLERS

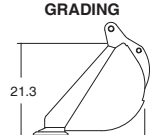
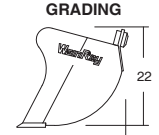
## BUCKETS

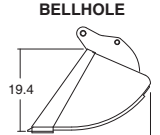

Gannon Pin-On	Style / Width	Cap. Cu. Ft.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price	Wain-Roy QC (Original, XLS)	Style / Width	Cap. Cu. Ft.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price
	EXTRA HEAVY-DUTY HD1-12	3.3	299	1.00	3	\$ 1,041		EXTRA HEAVY-DUTY HD1-12	3.3	245	1.00	3	\$ 945
	HD1-16	4.2	330	1.00	3	1,107		HD1-16	4.2	295	1.00	3	1,018
	HD1-18	5.0	353	1.00	4	1,159		HD1-18	5.0	310	1.00	4	1,055
	HD1-24	7.2	415	1.00	5	1,314		HD1-20	6.1	347	1.00	4	1,141
	HD1-30	9.5	470	1.00	5	1,445		HD1-24	7.2	370	1.00	5	1,202
	HD1-36	11.8	525	1.00	6	1,601		HD1-30	9.5	425	1.00	5	1,325
							HD1-36	11.8	475	1.00	6	1,472	

Gannon Pin-On							Wain-Roy Quick Change (Original, XLS)						
	EXTRA HEAVY-DUTY STR1-12	2.8	250	1.00	3	\$ 1,243		EXTRA HEAVY-DUTY STR1-12	2.8	235	1.00	3	\$ 1,159
	STR1-16	3.6	293	1.00	3	1,308		STR1-16	3.6	278	1.00	3	1,220
	STR1-18	4.2	310	1.00	4	1,360		STR1-18	4.2	295	1.00	4	1,270
	STR1-24	6.0	364	1.00	5	1,471		STR1-24	6.0	349	1.00	5	1,374
	STR1-30	7.8	415	1.00	5	1,581		STR1-30	7.8	400	1.00	5	1,478
	STR1-36	9.7	465	1.00	6	1,711		STR1-36	9.7	450	1.00	6	1,601
<b>Note:</b> Designed for zero tail spin machines.							<b>Note:</b> Designed for zero tail spin machines.						

Gannon Pin-On							Wain-Roy Quick Change (Original, XLS)						
	HIGH CAP. EXTRA HEAVY-DUTY HC1-12	4.2	338	1.00	3	\$ 1,093		HIGH CAP. EXTRA HEAVY-DUTY HC1-12	4.2	298	1.00	3	\$ 993
	HC1-16	5.6	375	1.00	3	1,159		HC1-16	5.6	335	1.00	3	1,068
	HC1-18	6.5	405	1.00	4	1,223		HC1-18	6.5	365	1.00	4	1,104
	HC1-24	9.5	480	1.00	5	1,380		HC1-24	9.5	435	1.00	5	1,251
	HC1-30	12.5	541	1.00	5	1,524		HC1-30	12.5	486	1.00	5	1,374
	HC1-36	15.6	613	1.00	6	1,705		HC1-36	15.6	563	1.00	6	1,534



Gannon Pin-On							Wain-Roy Quick Change (Original, XLS)						
	SEVERE-DUTY SD1-12	3.3	321	1.00	3	\$ 1,159		SEVERE-DUTY SD1-12	3.3	281	1.00	3	\$ 1,079
	SD1-16	4.2	357	1.00	3	1,223		SD1-16	4.2	317	1.00	3	1,141
	SD1-18	5.0	375	1.00	4	1,263		SD1-18	5.0	335	1.00	4	1,177
	SD1-24	7.2	434	1.00	5	1,419		SD1-24	7.2	389	1.00	5	1,325
	SD1-30	9.5	483	1.00	5	1,562		SD1-30	9.5	443	1.00	5	1,460
	SD1-36	11.8	547	1.00	6	1,718		SD1-36	11.8	497	1.00	6	1,607

Gannon Pin-On							Reversible BOCE				Wain-Roy QC (Original, XLS)				Reversible BOCE						
	DITCHING & GRADING 72N-30	5.3	340	Standard		\$ 1,528						DITCHING & GRADING 30	6.1	310	Standard		\$ 1,349				
	72N-36	7.3	383	Standard		1,610						36	8.1	350	Standard		1,422				
	72N-42	8.8	430	Standard		1,803						42	9.6	390	Standard		1,595				
	72N-48	10.3	456	Standard		1,982						48	11.1	435	Standard		1,754				
	72N-54	11.7	510	Standard		2,202						54	12.5	480	Standard		1,951				
	72N-60	13.2	545	Standard		2,381						60	14.0	525	Standard		2,110				
	72N-72	16.1	628	Standard		2,835						72	17.0	615	Standard		2,514				
<b>Note:</b> Optional drain holes in side plate or backsheet.											<b>Note:</b> 30" & 36" wide buckets use a different profile. Optional drain holes in side plate or backsheet.										

Gannon Pin-On							Wain-Roy QC (Original, XLS)						
	CEMETERY / BELLHOLE 02A-12	1.9	200	1.00	3	\$ 1,110		CEMETERY / BELLHOLE 12	2.0	165	1.00	3	\$ 1,395
	02A-18	2.8	250	1.00	4	1,278		16	2.7	185	1.00	3	1,446
	02A-24	4.2	325	1.00	5	1,446		18	3.0	195	1.00	3	1,472
	02A-30	5.6	400	1.00	6	1,562		24	4.4	250	1.00	4	1,524
	02A-36	7.4	450	1.00	7	1,679		30	5.9	285	1.00	6	1,595
	02A-38	7.9	468	1.00	7	1,808		36	7.3	330	1.00	7	1,666
	02A-40	8.4	476	1.00	8	1,898							

# 1/4 yard (12,500 to 16,000 LB) COMPACT EXCAVATOR BUCKETS & COUPLERS (Continued)

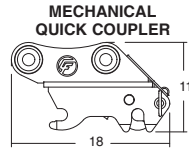
## BUCKETS (Continued)

		<i>Wain-Roy QC (Original, XLS)</i>	Style / Width	Cap. Cu. Ft.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price
	<p>■</p> <p>■</p> <p>■</p> <p>■</p>	<p>RIPPER</p> 	12	3.2	305	1.00	3	\$ 2,343
			16	4.3	340	1.00	5	2,551
			18	4.9	356	1.00	5	2,619
			24	6.5	405	1.00	5	2,907

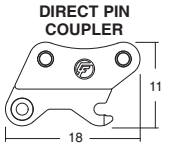
**Note:** Bucket sizes shown are nominal. The Ripper Bucket will cut approximately 2 inches more than the nominal advertised width.

## COUPLERS

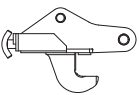
### CF Mechanical Quick Latch

Style / Description	Wt. (lbs.)	List Price
 <p>Mechanical (with pin kit)</p>	165	\$ 2,472
Jump latch		2,671
<b>COUPLER PIN KIT</b>	65	<b>309</b>


### CF Direct Pin

Style / Description	Wt. (lbs.)	List Price
 <p>Mechanical (with single pin kit)</p>	125	\$ 1,391
Jump latch		1,528
<b>COUPLER PIN KIT (SINGLE PIN)</b>	23	<b>154</b>

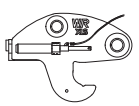
### Gannon Eliminator

MANUAL RELEASE	Manual release (Fits all Original style buckets and attachments, also accepts 030 style buckets and attachments)	Wt. (lbs.)	List Price
		198	\$ 1,146


### Wain-Roy Quick Change (XLS)

MANUAL RELEASE	Manual release (Fits all Original and XLS style buckets and attachments)	Wt. (lbs.)	List Price
		150	\$ 1,146

### Wain-Roy Quick Change (XLS)

HYDRAULIC RELEASE	Hydraulic coupler, pin kit and selected components (Fits all Original and XLS style buckets and attachments)	Wt. (lbs.)	List Price
		175	\$ 3,435

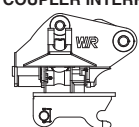
### Wain-Roy Quick Change (XLS)

SWINGER W/ MANUAL BUCKET RELEASE	Manual release swinger coupler (Fits all Original and XLS style buckets and attachments)	Wt. (lbs.)	List Price
		240	\$ 3,557

**Note:** Hydraulic components include valve, switch box & wiring, and hoses & connections between our valve & cylinder. Dealer is responsible for hoses from valve to drain (tank) and to the bucket cylinder for power.

**Note:** Dealer-supplied hydraulics. When providing the valve, controls & lines, be sure to use two 3450 PSI relief valves. The Hydraulic Swinger Coupler is 18 inches wide. Digging depth is limited when a narrower bucket is used.

### Wain-Roy Direct Pin

SWINGER COUPLER W/DIRECT PIN COUPLER INTERFACE	Mechanical, with single pin kit	Wt. (lbs.)	List Price
		240	\$ 3,557

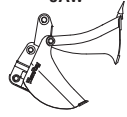


## ATTACHMENTS, SPECIALTY BUCKETS & KITS

For Specialty Buckets, see pages 1-12 to 1-13.  
 For Thumbs (Material Clamps), see page 1-13.  
 For Grapples, see page 1-13.

For Wain-Roy Adapters & Conversion Kits, see page 1-14.

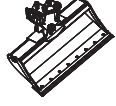
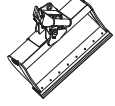

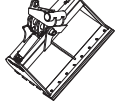
# COMPACT EXCAVATOR ATTACHMENTS & SPECIALTY BUCKETS

## SPECIALTY BUCKETS & ATTACHMENTS


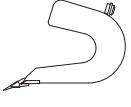
Weight Class	Wain-Roy Pin-On	Style / Width	Cap. Cu. Ft.	Wt. (lbs.)	Opening (in.)	List Price	Wain-Roy QC (Original, XLS)	Style / Width	Cap. Cu. Ft.	Wt. (lbs.)	Opening (in.)	List Price	
1/4 yd. (12.5K – 16K)		JAW	24	7.6	660	41	\$ 6,727		24	7.6	650	41	\$ 6,648
			30	9.7	740	41	7,421		30	9.7	730	41	7,359

**Note:** For Hydraulic Kit availability & pricing, contact Dealer Services. If you are providing the valve, controls & lines, be sure to use two 3450 PSI relief valves.

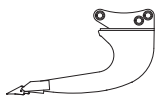
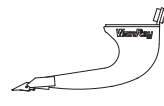
Weight Class	Wain-Roy Pin-On	Style / Width	Cap. Cu. Ft.	Wt. (lbs.)	Opening (in.)	List Price	Wain-Roy QC (Original, XLS)	Style / Width	Cap. Cu. Ft.	Wt. (lbs.)	Opening (in.)	List Price
1/4 yd. (12.5K – 16K)	<b>RIPPER TOOTH JAW ATTACHMENT</b> 			180		\$ 1,177	<b>5' BACKFILL BLADE JAW ATTACHMENT</b> 	60		165		\$ 1,312

Weight Class	Wain-Roy Pin-On	Style / Width	Cap. Cu. Ft.	Wt. (lbs.)	List Price	Wain-Roy QC (XLS)	Style / Width	Cap. Cu. Ft.	Wt. (lbs.)	List Price		
1/8 yd. (9K – 12.5K) HDM45		TILTING BUCKET	24	4.0	470	\$ 3,986		TILTING BUCKET	24	4.0	440	\$ 3,802
			36	6.2	530	4,201			36	6.2	500	4,022
			42	7.6	560	4,354			42	7.6	527	4,171
			48	8.8	560	4,477			48	8.8	557	4,292
1/4 yd. (12.5K – 16K) HD1		TILTING BUCKET	48	11.9	865	6,127		TILTING BUCKET	48	11.9	788	5,881
			60	15.1	1010	6,457			60	15.1	928	6,212

**Note:** 45° rotation. Bolt-on edge standard. Compact excavator must be equipped with valve and lines down to end of dipperstick. Valve must have port reliefs. For Hydraulic Kit availability & pricing, contact Dealer Services.

Weight Class	CF Pin-On	No. Teeth	Style / Width	Cap. Cu. Ft.	Wt. (lbs.)	List Price	Wain-Roy QC (Original, XLS)	No. Teeth	Style / Width	Cap. Cu. Ft.	Wt. (lbs.)	List Price
1/4 yd. * (12.5K – 16K)		PAVEMENT SLAB REMOVAL	18	3	560	\$ 2,900		PAVEMENT SLAB REMOVAL	18	4	540	\$ 2,865
			24	4	596	3,071			24	4	575	3,044
			30	5	634	3,244			30	5	610	3,223

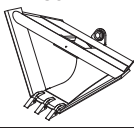

**Note:** See compact excavator buckets, specific weight class section for tooth options available.

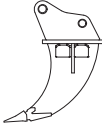

Weight Class	Gannon Pin-On	Style / Width	Cap. Cu. Ft.	Wt. (lbs.)	List Price	Wain-Roy Quick Change (Original, XLS)	Style / Width	Cap. Cu. Ft.	Wt. (lbs.)	List Price
1/4 yd. (12.5K – 16K)	<b>RAILROAD / CRIBBING</b> 	RR-8	2	205	\$ 1,399	<b>RAILROAD / CRIBBING</b> 	8	2	190	\$ 1,392

**Note:** See compact excavator buckets, specific weight class section for tooth options available.

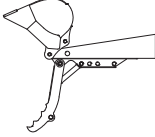
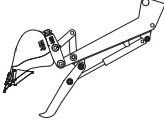
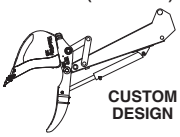
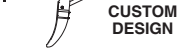
# COMPACT EXCAVATOR ATTACHMENTS & SPECIALTY BUCKETS (Continued)

## SPECIALTY BUCKETS & ATTACHMENTS (Continued)

Weight Class	Wain-Roy QC (Original, XLS)**	Style / Width	Cap. Cu. Ft.	Wt. (lbs.)	List Price	Wain-Roy QC (Original, XLS)**	Style / Width	Wt. (lbs.)	List Price
1/4 yd. * (12.5K – 16K)	 "V" DITCHING BUCKET	12 x 56 x 45°	2	365	\$ 1,717	 5' GRADING & BACKFILL BLADE	60	165	\$ 1,460
<b>Note:</b> See compact excavator buckets, specific weight class section for tooth options available.									

	CF Pin-On	Teeth		Wain-Roy QC (Original, XLS)	Teeth		
1/8 yd. (4.5K – 9K)	 RIPPER TOOTH		199	\$ 1,349	 RIPPER TOOTH	1003035	106 \$ 1,338
1/8 yd. (9K – 12.5K)			199	1,349		1003035	106 1,338
1/4 yd. (12.5K – 16K)		009004	225	1,595		1005129	220 1,582



## THUMBS (MATERIAL CLAMPS)

Weight Class	CF Pin-On	Wt. (lbs.)	List Price	Wain-Roy Quick Change	Wt. (lbs.)	List Price	Wain-Roy Quick Change	Wt. (lbs.)	List Price
1/8 yd. (4.5K – 9K) HDM30	 WELD-ON RIGID	118	\$ 1,104	 WELD-ON HYDRAULIC	125	\$ 1,877	 HYDRAULIC DIRECT, MAIN PIN (NO LINKS)	125	\$ 2,478
1/8 yd. (9K – 12.5K) HDM45		187	1,828		220	2,993		190	2,674
1/4 yd. (12.5K – 16K) HD1		187	1,828		220	2,993	 CUSTOM DESIGN	350	3,446

**Notes:**

- 2 Weld-on thumbs are universal in design and are not custom fit to the host machine.
- 3 Questionnaire regarding bucket, coupler (if applicable) and stick criteria to be completed for main pin thumbs by dealer prior to order entry.

## GRAPPLES

Weight Class	Wain-Roy QC (Original, XLS)	Opening (in.)	Width Across Teeth (in.)	Wt. (lbs.)	List Price	Wain-Roy QC (Original, XLS)	Opening (in.)	Width Across Teeth (in.)	Wt. (lbs.)	List Price
1/4 yd. (12.5K – 16K)	 HYDRAULIC	58	24	605	\$ 5,899	 RIGID	60	24	695	\$3,164
Includes Anchor Mounting Kit										
If used w/Swinger, Lockout Kit is required, P/N 108621										
215										






# COMPACT EXCAVATOR ADAPTERS & CONVERSION KITS

## WAIN-ROY ADAPTERS

Weight Class	Adapter	Model	Woods No.	Type	Wt. (lbs.)	List Price
1/8 yd. (4.5K – 9K) and 1/8 yd. (9K – 12.5K)	Universal	—	1001946 XLS	Weld-On	55	\$ 664
	For Balderson-Caterpillar	Fit CAT attachments with the CAT 301.5 pin-on bucket spread	1003093	Pin-On	115	841
		Fit CAT attachments with the CAT 303.5 pin-on bucket spread	1003092	Pin-On	129	897
	For Teledyne Roxon	TTB225ME, TB235ME, TB275ME, TB285ME, TB325ME, TB335ME, TB425ME	1005851	Pin-On	129	1,079
1/4 yd. (12.5K – 16K)	Universal	—	009850 Original	Pin-On	135	1,357
		—	59973 XLS	Pin-On	135	1,357
		—	009568 Original	Weld-On	95	897
		—	59972 XLS	Weld-On	95	897
	For Allied	710, 715, 725, 730, AR75LTS, AR75BCS	009850	Pin-On	135	1,357
	For Balderson-Caterpillar	H90C, B90, H70, B70, H63, H63S, B63S, B63	009875	Bolt-On	175	1,150
		H70S, H90Cs	1000253	Bolt-On	190	1,260
		H-90, B-90, B-70, B-63	009873	Pin-On	150	1,487
		H70	1000283 includes pins	Pin-On	200	1,512
	For Danuser	Auger	009008	Auger	110	1,217
	For JCB	Q360 & 360	009885	Pin-On	195	1,381
		Q360 & 360 XLS	1005823	Pin-On	190	1,381
		550 Hammer Master	1005929	Pin-On	150	1,527
	For Kent	KHP-65, KHB-3G, KHB-5G, KHP-8G, KHP-10G-std, F4, F6, F9, KHB-400	009850	Pin-On	135	1,357
	For McMillen	410, 450, 810, 850, 950, 975, 1310, 1350, 1450, 1475, 1800, 1810, 1850, 1950, 1975, 2250, 2450, 2475, 2750, 3450, 3550, 4450 Hex Drive	009008	Auger	110	1,217
	For NPK	1XA, 1XE, 2XA, 2XE, 3XA, 3XE, 4X <sup>a</sup> , 4XE <sup>a</sup> , C4A, C4B <sup>a</sup> 4X,E: Need to buy bushing from NPK to reduce pin hole from 2 inches to 1.5 inches or 1.75 inches. Pin holes 2-inch dia. 14 inches OC.	009850	Pin-On	135	1,357
	For Rammer	S23/S25	009850	Pin-On	135	1,357
For Tramac	BRP150, 150, BRP140, 140, BRP130, 130	009893	Bolt-On	180	1,333	
	100, 130, 140, 150, 300, 400, 470, 501, 570, 600, 620, 625, 700, 900, TR-9, TR-14, TR-21	1002284	Bolt-On	203	1,347	
	BRH400(S), BRP130, BRP100, 125, 91, 76	009850	Pin-On	135	1,357	
	BRH400(S), BRP130, BRP100, 125, 91, 76	009568	Weld-On	95	897	
	BRP130, 125	009856	Pin-On	200	1,707	
For Teledyne Roxon	900A - TC90S Compactor, TB425CM, TB625CM	009850	Pin-On	135	1,357	
	TB220, TB325	009568	Weld-On	95	897	
	TB425X	1003975	Bolt-On	180	1,323	

## WAIN-ROY CONVERSION KITS

Description	Weight Class	Style / Width	Wt. (lbs.)	List Price	Description	Weight Class	Style / Width	Wt. (lbs.)	List Price
TO CONVERT OEM PIN-ON BUCKETS TO ORIGINAL SYSTEM 	1/4 yd. (12.5K – 16K)	12	37	\$ 264	TO CONVERT ORIGINAL TO XLS BUCKETS 	1/4 yd. (12.5K – 16K)			\$ 195
		18	44	327					
		24	52	350	TO CONVERT OEM PIN-ON BUCKETS TO SERIES 2XLS SYSTEM 	1/4 yd. (12.5K – 16K)	12	413	
		30	61	375			16 – 24	808	
		36	68	397			24 – 36	894	
		48	80	482			36 – 60	1,066	
60	130	593							

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    12MT (22,000 to 30,000 lb.) Class Machines ..... 2-14 – 2-15

    15MT (30,000 to 41,000 lb.) Class Machines ..... 2-16 – 2-17

    20MT (41,000 to 52,000 lb.) Class Machines ..... 2-18 – 2-19

    25MT (52,000 to 65,000 lb.) Class Machines ..... 2-20 – 2-21

    30MT (65,000 to 95,000 lb.) Class Machines ..... 2-22 – 2-23

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**PLEASE NOTE:**

- Bucket capacities are based on SAE J296 heaped capacity; bucket teeth are not included in this capacity calculation
- Bucket and attachment weights may vary slightly from stated weights
- Bucket and attachment dimensions may vary slightly from stated dimensions



# EXCAVATOR MATERIAL DENSITY CHART & BUCKET FILL FACTORS

TABLE A – MATERIAL DENSITY CHART

Material	WEIGHTS OF MATERIALS		Swell % Bank Wt. ÷ Loose Wt.
	Bank Weight (lb / yd <sup>3</sup> )	Loose Weight (lb / yd <sup>3</sup> )	
Caliche	3800	2100	180.95%
Clay, Dry	3100	2500	124.00%
Clay, Natural Bed	3400	2800	121.43%
Clay, Wet	3500	2800	125.00%
Clay and Gravel, Dry	2800	2400	116.67%
Clay and Gravel, Wet	3100	2600	119.23%
Coal, Anthracite, Natural Bed	1800	1650	109.09%
Coal, Bituminous, Natural Bed	1600	1450	110.34%
Earth, Dry	3200	2550	125.49%
Earth, Loam	2600	2100	123.81%
Earth, Wet Excavated	3400	2700	125.93%
Decomposed Rock	3850	2900	132.76%
Gravel, Dry	2850	2550	111.76%
Gravel, Wet	3800	3400	111.76%
Glacial Till	—	3500	—
Stone, Crushed	4500	2700	166.67%
Shale	3000	2250	133.33%
Sand, Dry	2700	2400	112.50%
Sand, Damp	3200	2850	112.28%
Sand, Wet	3500	3100	112.90%
Topsoil	—	1600	—

TABLE B – EXCAVATOR BUCKET FILL FACTORS

Moist Loam or Sandy Clay	110 – 120%
Sand and Gravel	95 – 100%
Hard, Tough Clay	80 – 90%
Caliche Clay	100%
Rock – Fine Blasted	60 – 70%
Rock – Coarse Blasted	40 – 50%

## DETERMINING MAXIMUM EXCAVATOR BUCKET SIZE

1. Find **Maximum Lift and OEM Bucket Weight**. Refer to OEM specification sheet to obtain maximum lift capacity **at full reach over the side** for your machine and the weight of the bucket used. Use a value of 5 – 10 feet above ground level. Be sure to use information that pertains to your boom and dipperstick length.
2. Find **Adjusted Lift Capacity: Maximum Lift + OEM Bucket Weight = Adjusted Lift Capacity**.
3. Determine **Attachment Weight: Bucket + Coupler + Thumb, etc. = Attachment Weight**.
4. Find **Material Density**. Refer to **Excavator Material Density Chart** to obtain correct material density.
5. Calculate **Lift Weight: (Bucket Capacity x Material Density) + Attachment Weight = Lift Weight**.
6. Calculate **Lift Ratio: Lift Weight ÷ Adjusted Lift Capacity = Lift Ratio**.  
If the Lift Ratio is Less than 1.0, this is an acceptable application.  
If the Lift Ratio is Greater than 1.0, you should use a smaller capacity bucket.

### EXAMPLES

#### Example 1. Find Maximum Bucket Size for OEM Excavator.

For Machine XYZ, a 15 Metric Ton (MT) excavator, using a CF150 X150 42" Standard Capacity Bucket, listed are the following conditions:

- OEM Maximum Lift at Full Reach:** 3800 lb. (9 feet above ground level)
- OEM Bucket Weight:** 1185 lb. (36" OEM bucket weight from specification sheet)
- Woods Bucket Weight:** 1238 lb. (CF150 X150 42" Standard Capacity)
- Bucket Capacity:** 1.01 cubic yard (CF150 X150 42" Standard Capacity)
- Material Density:** 3200 lb./cubic yard (Damp Sand from Bank)

- **Adjusted Lift Capacity: (3800 lb. + 1185 lb.) = 4985 lb.**
- **Attachment Weight: (1238 lb. + 0 lb. + 0 lb.) = 1238 lb.**
- **Lift Weight: (1.01 x 3200 lb.) = 3232 lb. + 1238 lb. = 4470 lb.**
- **Lift Ratio: 4470 lb. ÷ 4985 lb. = 0.89**

Since the **Lift Ratio** is less than 1.0, this is an acceptable application.

#### Example 2. Can we use a quick coupler with the above example?

CF hydraulic coupler for a 15 MT machine weighs 870 lb. Additional attachments are simply added directly to the **Lift Weight**.

- **Adjusted Lift Capacity: (3800 lb. + 1185 lb.) = 4985 lb.**
- **Attachment Weight: (1238 lb.+ 870 lb. + 0 lb.) = 2108 lb.**
- **Lift Weight: (1.01 x 3200 lb.) = 3232 lb. + 2108 lb. = 5340 lb.**
- **Lift Ratio: 5340 lb. ÷ 4985 lb. = 1.07**

Since the **Lift Ratio** is greater than 1.0, this is **not** an acceptable application.

#### Example 3. What size bucket do we need to use to obtain a Lift Ratio that is less than 1.0 using the above coupler?

Using a CF150 X150 36" Standard Capacity bucket that weighs 1096 lbs. and has a capacity of 0.83 cubic yard.

- **Adjusted Lift Capacity: (3800 lb. + 1185 lb.) = 4985 lb.**
- **Attachment Weight: (1096 lb. + 870 lb. + 0 lb.) = 1966 lb.**
- **Lift Weight: (0.83 x 3200 lb.) = 2656 lb. + 1966 lb. = 4622 lb.**
- **Lift Ratio: 4622 lb. ÷ 4985 lb. = 0.93**

Since the **Lift Ratio** is less than 1.0, this is an acceptable application.

#### PLEASE NOTE:

This is a general bucket sizing chart based upon machine working on a flat, firm, uniform surface. Information used for bucket sizing and material density was obtained from OEM Specification Sheets and available industry information. The intent of this chart is to provide a general guideline only. In view of the numerous variables involved in bucket sizing, material density, site topography, and machine operation, Woods assumes no responsibility or liability for the use of the preceding calculations in determining bucket size.

# KEY FEATURES: EXCAVATOR BUCKETS & ATTACHMENTS

## CF “X” Series Buckets

Central Fabricator “X” Series buckets are designed for easy material flow when loading and unloading the bucket. The low profile bridge design allows excellent operator visibility. Internal struts and the back side of the ears attached to the double thickness bridge / moldboard provide superior strength and rigidity. Corner gussets provide strength and rigidity to the upper corners of the bucket with minimal interference to material flow. The front corners of the buckets feature a unique interlocking welded joint between the cutting edge and replaceable side cutter insert. The side cutter insert and cutting edge are notched to provide a larger, stronger, and more rigid attaching joint.



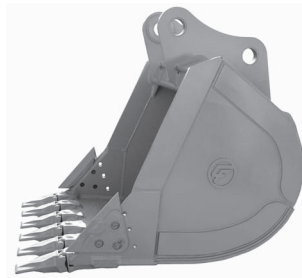
**X150**

Heavier design than most OEM standard buckets. For use in soils containing low percentages of rock, loam and sand.



**X250**

For use in more demanding excavating conditions with high levels of clay, gravel, compacted soils and loose rock.



**X350**

Designed for abrasive and high impact applications in shot rock, coral, stratified materials, caliche and highly compacted material.

Every “X” Series bucket is designed to meet or exceed OEM specifications while improving machine efficiency and productivity. The bucket capacities are based on the SAE J296 heaped bucket standard. All buckets are made with high-strength steel, T-1 cutting edges, replaceable cutting edge inserts, and heavy-duty horizontal wear strips to improve bucket durability.

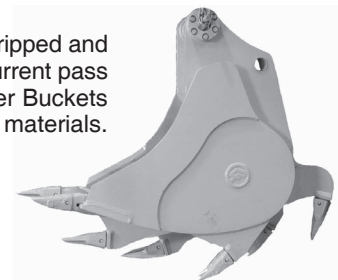


## CF Ditching & Grading Buckets

Ditching & Grading Buckets are used for ditch cleaning, grading, backfilling and loose material loading applications. They feature a wide and shallow tub design that offers a shorter tip radius allowing for the increased width without losing material penetration. Ditching & Grading buckets are ideal for use in sand, topsoil, and other loose or soft materials.

## CF Ripper Buckets

Ripper Buckets are used in wide variety of severe applications where material is being both ripped and removed. Rip and dig with one attachment to increase performance and efficiency. As the current pass is dug and removed, the next pass is ripped and prepared. Standard applications for Ripper Buckets would include: frozen ground, sandstone, limestone, caliche, shale, coral, and other severe materials.





**Wain-Roy Jaw Buckets**

Jaw Buckets provide the versatility of a trenching bucket and a thumb in one unit without having to weld thumb brackets onto the boom. Jaw Buckets are effective jobsite trenchers and haulers of cumbersome materials. Remove, load, and backfill material with the front jaw in the closed position and then use the hydraulically actuated jaw to pick and place large objects such as boulders, stumps, pipe, logs, concrete slabs and other debris. Jaw Buckets are an effective multi-use tool for construction applications.

**Wain-Roy Tilting Buckets**

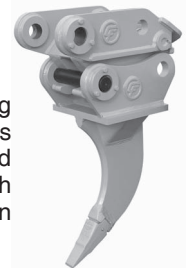
Tilting Buckets rotate up to a total of 90 degrees, 45 degrees each side of center, for greater control and flexibility during ditch cleaning, grading, backfilling and loose material loading and unloading applications. The tilting mechanism allows the bucket to rotate at various angles in order to form the surface to the desired shape without repositioning the machine. This is especially beneficial when working along roadways or in tight operating conditions.



**CF Sand and Mass Loading Buckets**

Sand Buckets are designed for handling sand and loose material applications. The bucket draft is typically 6” to 12” inches for efficient loading and unloading of materials. The heavy-duty reinforced top beam design comes in an open or closed design. All models come in round or flat bottom styles and feature T-1 cutting edges and an extra-heavy wear shoe for maximum durability.

(Shown with coupler)



**CF Single Point Rippers**

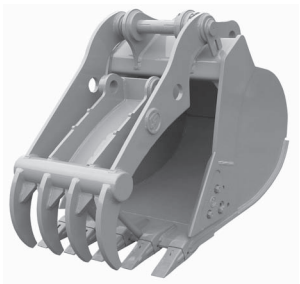
Single Point Rippers are designed for the most demanding ripping applications of rock, clay, coral, and frost. Our standard design incorporates a heavy-duty OEM ear group mounting, and is available in many standard shank lengths and widths. Our rippers are manufactured with high strength steel shanks and can be custom designed to meet specific applications on equipment up to 280,000 lb (120MT).



**CF/Wain-Roy Specialty Buckets**

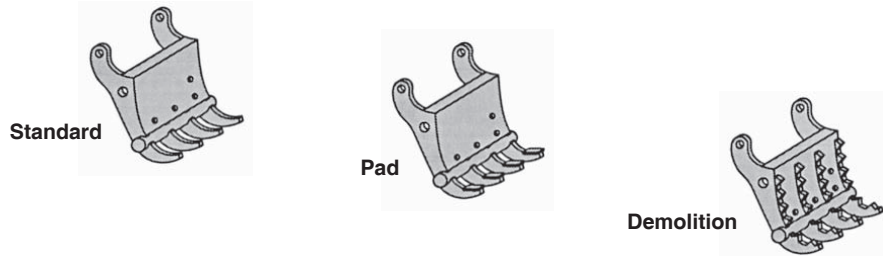
Specialty Buckets are offered for Cemetery/Bellhole, Pavement Removal, Pipe and Cribbing/Railroad applications. Trapezoid and “V” Buckets are also available. Standard products exist for the Specialty Bucket classification but can also be designed for your specific needs.



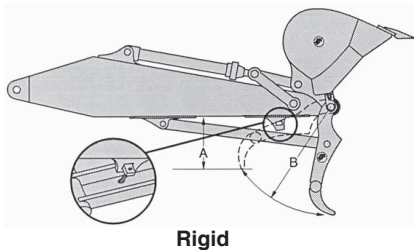


**CF Thumbs/Material Clamps**

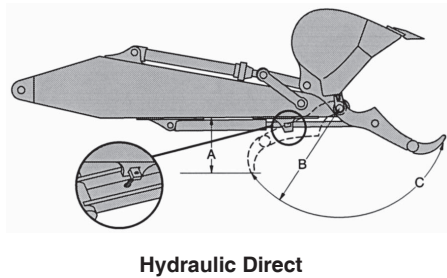
Thumbs are used in conjunction with a bucket as an efficient method to handle bulk material in landscaping and clearing, demolition, recycling, waste management, utility, and general contracting applications. Thumbs offer pick and place movement of large, awkward objects such as boulders, stumps, pipe, logs, concrete slabs, and other debris. Several variations of thumb attachment methods and tines are available to meet specific requirements.



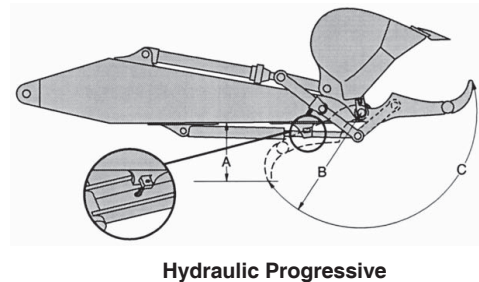
**Rigid Direct Link Material Clamp** may be stored in a resting position by removing the stiff-arm and pins.



**Hydraulic Direct Link Material Clamp** provides a high degree of clamping force.



**Hydraulic Progressive Link Material Clamp** offers a high degree of clamp rotation.



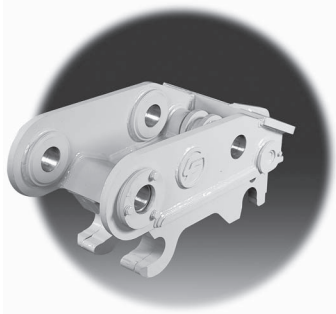
**Wain-Roy Pin-On and Coupler Grapples**

Grapples provide an efficient method of handling, recycling, and debris removal in land clearing, demolition, and landscape applications. We offer a stiff arm mount with single claw movement or a hydraulic configuration in which both claws can be operated independently. Grapples can be ordered in 2- over 3-tine heavy-material, 3- over 4-tine medium-material and 4- over 5-tine light-material classes. Our grapples can be used in conjunction with mechanical or hydraulic quick latch systems.



**Manual & Hydraulic Quick Change Coupler Systems**

Woods Equipment Company couplers turn the task of changing attachments on equipment into a safe, simple and efficient process by using one of our proven quick coupler systems. Woods has more than 20 years of proven experience in the quick coupler attachment business and offers a variety of systems to fit your needs. Couplers allow you to quickly turn a single prime mover into a multi-purpose system to accomplish a multitude of tasks. When properly installed and maintained, the various coupler systems we offer have excellent histories of never dropping buckets.

**CF Pin Grabber Coupler System**

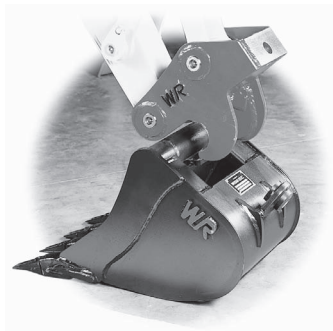
The CF system offers a durable and proven design for your most demanding coupler requirements. Couplers are custom designed to fit standard Woods manufactured or OEM attachments and are available in both manual and hydraulic styles. Optional jump latches adapt any machine to any manufacturers attachment, which offers greater flexibility between machines and attachments on the job site. The coupler design incorporates a positive visual indicator to show locked and unlocked positions. An internal spring control lock prevents disengagement even with hydraulic pressure loss. A mechanical lynch pin prevents accidental disengagement, for maximum safety of the system.

**Gannon Eliminator Manual Quick Coupler**

The Eliminator manual quick coupler is designed for use with all Wain-Roy Original buckets and attachments. The manual coupler provides a simple and quick method to change excavator buckets and attachments. Maintaining close to the manufacturers pin-on performance specifications results in a near zero loss of breakout force. Eliminator coupler models are available to work with C&P, CAT, and Original Wain-Roy style buckets.

**Wain-Roy Coupler Systems**

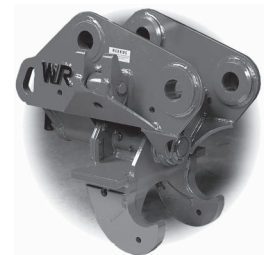
Wain-Roy style coupler systems provide the benefits of fast and efficient changing of excavator buckets and attachments while maintaining close to the manufacturers pin-on performance specifications. This results in a near zero loss of breakout force. The Wain-Roy coupler systems have been the leaders and innovators in the coupler market for many years and are often copied by other manufacturers, but other systems lack the many Wain-Roy features. Manual and hydraulic locking systems are available.

**Wain-Roy XLS Coupler System**

The Wain-Roy XLS coupler system allows the benefit of fast and efficient changing of excavator buckets and attachments while maintaining close to the manufacturers pin-on performance specifications. This results in a near zero loss of breakout force. The Wain-Roy XLS coupler system design significantly reduces the free play between the coupler and attachments. The design provides the close fit between coupler and attachments to be maintained through simple adjustments with hand tools and periodic shimming. The XLS coupler system is designed for use with Wain-Roy Original and XLS style buckets and attachments. The XLS coupler system is available in an easy-to-use manual or "operate from the seat" hydraulic release configuration.

**Wain-Roy XLS Swinger Coupler System**

Wain-Roy Swinger Couplers rotate up to a total of 90 degrees, 45 degrees each side of center, for greater control and flexibility of any quick change attachment system. Buckets and specialty attachments such as rippers, jaws, grapples, compactors and hammers can be rotated to the desired position to achieve maximum production. Greater tool and attachment positioning flexibility increases efficiency in any work area. The hydraulic cylinder is positioned to minimize movement and provide protection from debris and excessive wear.



# EXCAVATOR BUCKET & ATTACHMENT SELECTION CHART: 9MT – 80MT

Classification ⇨		9MT (16K – 22K)	12MT (22K – 30K)	15MT (30K – 41K)	20MT (41K – 52K)	25MT (52K – 65K)
Bobcat	Current Models	E80				
	Vintage					
Case	Current Models	CX75 MSR, CX80	CX130B, CX135 MSR	CX160B	CX210B, CX225 MSR	CX240B, CX290B
	Vintage		CX210 LR, CX130, CX135, CX240 LR	CX160	CX210, CX225	CX240, CX280, CX290
Caterpillar	Current Models		311D LRR, 312D, 312D L	314D CR, 314D LCR, 315D L	319D L, 319D LN, 320D L, 320D LRR, 321D LCR	324D L, 329D L
	Vintage		311C, 312C L, M313C	314C CR, 314C LCR, 315C L, M315C, M316C, M318C	318C L, 318C LN, 320C, 320C L ME, 320CL SLR, 320C UTIL, M322C	321C LCR, 322C L, 322C L ME, 322C L SLR, 325C, 325D L, 325C L ME
Coyote	Current Models	CE75				
	Vintage					
Daewoo / Doosan	Current Models	DX80R	S140LCV, 1202	DX140LC, DX140LCR, DX140W, DX180LC, DX190W	DX210W, DX255LC	DX225LL, DX255LC
	Vintage			DX225LC, S175LCV,	DX275LC, S255LCV	
Gehl	Current Models	753Z, 803	1202			
	Vintage					
Gradall	Current Models			XL3100 III, XL3200 III, XL3300 III	XL4200 III, XL4300 III, XL5300 III	XL5200 III
	Vintage		XL2200	XL3200	XL4200 II	XL5200
Hitachi	Current Models	ZX75US-3, ZX85USB	ZX120-3, ZX135US-3	ZX160LC-3	ZX190W-3, ZX200LC-3, ZX220W-3, ZX225USLC-3	ZX240LC-3, ZX270LC-3
	Vintage	EX60, EX75UR, EX75UR-3	ZX120, ZX135	ZX160LC	ZX200LC, ZX225USLC	ZX230LC, ZX270LC
Hyundai	Current Models	R80-7A	R140LC-9, R140LCD-7, R140W-9	R145LCR-9, R160LC-9, R180LC-9	R210LC-9, R200W-7A, R210W-9	R250LC-7A, RC250LC-9, R290LC-7A, R290LC-9
	Vintage		R110D-7, R140LC-7, R140LCD-7	R160LC-7, R160LCD-7, R180LC-7, R180LCD-7	R210LC-7, R210LC-7LR	R250LC-7, R290LC-7, R290LC-7LR
IHI	Current Models	80VX				
	Vintage					
JCB	Current Models	8080, 8085	JS130LC	JS145, JS160LC, JS160NLC, JZ140	JS190, JS220, JS220LR, JS220XD	JS260, JS260LR, JS260XD
	Vintage				JS220LC	JS260LC
John Deere	Current Models	75D, 85D	120D, 135D	160D LC	190D W, 200D, 200D LC, 220D W, 225D LC	240D LC, 270D LC
	Vintage	70D, 190E	110, 120C, 135C RTS, 490D, 490E	160C LC, 180CW, 590D, 595D	180CW, 180DW, 200C LC, 210CW, 225C LCRTS, 690D, 690E	230C LC, 270C LC, 270C SLF, 790D, 790E

**PLEASE NOTE:**

- Bucket capacities are based on SAE J296 heaped capacity; bucket teeth are not included in this capacity calculation
- Bucket and attachment weights may vary slightly from stated weights
- Bucket and attachment dimensions may vary slightly from stated dimensions

## EXCAVATOR BUCKET & ATTACHMENT SELECTION CHART: 9MT – 80MT (Continued)

Classification ⇨		30MT (65K – 95K)	45MT (95K – 110K)	60MT (110K – 160K)	80MT (160K – 200K)
<b>Case</b>	<b>Current Models</b>	CX350B	CX470B	CX700B	CX800B
	<b>Vintage</b>	CX330, CX330 LR	CX460, CX460 EXT	CX700	CX800
<b>Caterpillar</b>	<b>Current Models</b>	328D LCR, 336D L	345D L	365C L	385C L
	<b>Vintage</b>	330C, 330D L, 330C L ME	345C L, 345C LR, 345C VG, 345C L WVG, 345C L WVGLR	365 L II	375L, 385C LR
<b>Daewoo / Doosan</b>	<b>Current Models</b>	DX300LC, DX300LC SLR, DX300LL, DX350LC, DX420LC, DX420LC RCW	DX480LC, DX480LCRCW	DX520LC	
	<b>Vintage</b>	DX300, DX300SLR, DX340, DX420, S300LCV, S340LCV, S420LCV	S470LCV, S470LCVLF	DX480	
<b>Gradall</b>	<b>Current Models</b>	XL4100 III, XL5100 III			
	<b>Vintage</b>				
<b>Hitachi</b>	<b>Current Models</b>	ZX350LC-3, ZX370	ZX450LC-3	ZX650LC-3	ZX850LC-3
	<b>Vintage</b>	ZX330LC, ZX370	ZX450LC, ZX450KC ME	ZX600LC, ZX600LC BE	ZX800, ZX800ME
<b>Hyundai</b>	<b>Current Models</b>	R320LC-7A, R320LC-9, R380LC-9	R480LC-9	R520LC-9	R800LC-7A
	<b>Vintage</b>	R320LC-7, R360LC-7, R360LC-7A	R450LC-7, R750LC-7A	R500LC-7A	
<b>JCB</b>	<b>Current Models</b>	JS290, JS330, JS330XD, JS360	JS460		
	<b>Vintage</b>	JS330L, JS330NL	JS460LC		
<b>John Deere</b>	<b>Current Models</b>	350D LC		650D LC	850D LC
	<b>Vintage</b>	330C LC, 330C LCSF, 370C, 892D, 892E	450C LC, 992D, 992E	600C LC, 600C LC ME	800C, 800C ME

**PLEASE NOTE:**

- Bucket capacities are based on SAE J296 heaped capacity; bucket teeth are not included in this capacity calculation
- Bucket and attachment weights may vary slightly from stated weights
- Bucket and attachment dimensions may vary slightly from stated dimensions



## EXCAVATOR BUCKET & ATTACHMENT SELECTION CHART: 9MT – 80MT (Continued)

Classification ⇨		9MT (16K – 22K)	12MT (22K – 30K)	15MT (30K – 41K)	20MT (41K – 52K)	25MT (52K – 65K)
<b>Kobelco</b>	<b>Current Models</b>	70SR, 80CS	115SRDZ, 135SRLCOSB, 140SR	ED150BR, SK170LC	ED195BR, SK210LC	215SR, 235SR, SK260LC
	<b>Vintage</b>			ED190BR, SK160LC	200SRLC, SK210LC-LR	235SRLC, SK240, SK250LC-DA, SK250LC-LR
<b>Komatsu</b>	<b>Current Models</b>	PC88MR-8, PC95R-2	PC130-8	PC138USLC-8, PC160LC-7, PC160LC-8	PC200LC-8, PC200LC-HD, PC228USLC-3, PC228USLC-8	PC220LC-8, PC270LC-8, PC308USLC-3
	<b>Vintage</b>		PC100-6, PC120-6, PC120LC-6, PC128UU-2, PC138USLC-2, PC158USL-2		PC200-7, PC200LC-7	PC220LC-7, PC270LC-7
<b>Kubota</b>	<b>Current Models</b>	KX080-3				
	<b>Vintage</b>					
<b>Liebherr</b>	<b>Current Models</b>	A900 Compact	A309, A311, A312	A312, A314, A316, R313, R317	A900C, A900C-ZW, A904C, A914C, A924C, R317, R900C, R906-A/C, R916 A/C	A924C, A924 Plus, R906 A/C, R914C, R916 A/C, R916, R924 Compact, R926, R926-A/C
	<b>Vintage</b>				R904C	R914B, R924B, R934B
<b>Link-Belt</b>	<b>Current Models</b>		130X2, 130LX, 135MSR, 210LX-LF, 240LX-LF	160X2	210X2, 210X2-LF, 225MSR	240X2, 240X2-LF, 240X2-MH, 290X2, 290X2-LF
	<b>Vintage</b>		130LX, 135MSR, 210LX-LF, 240LX-LF	160X	210LX, 225MSR	240LX, 290LX
<b>Mustang</b>	<b>Current Models</b>	7503ZT, 8003	12002			
	<b>Vintage</b>					
<b>New Holland</b>	<b>Current Models</b>	E70B, E80B		E135B, E175B	E215B	
	<b>Vintage</b>		EH130LC	EH160LC	EH215LC	
<b>Takeuchi</b>	<b>Current Models</b>	TB180FR				
	<b>Vintage</b>					
<b>Terex / O&amp;K</b>	<b>Current Models</b>	TW85	TW110, TW130	TXC140LC-2, TXC180LC-2, TW150, TW160, TW160SR, TW170, TW180SR, TW190, TW220	TC210C, TC225LC, TXC225LC-2, TC240LC, TW220	TXC255LC-2, TC260LC
	<b>Vintage</b>	TC125 (HR42)	TC125 (HR42), TC140LC-1	TXC175LC	TXC225LC	TXC255LC
<b>Volvo</b>	<b>Current Models</b>	ECR88	EC140C	ECR145C, EC160C, EW160C, EW180C	EW180C, EC210C, EX210C, EW230C	EW230C, ECR235C, EC240C, EC290C
	<b>Vintage</b>		EC140B-LC	EC160B, EC160C-LC, EW180	EC210B, EC210C-LR, EC210B-LC, EC210B-NLC	EC240B-LC, EC240B-LR, EC290B-LC, EC290B-LR
<b>Yanmar</b>	<b>Current Models</b>	B7□-5A, SV100, Vi075C				
	<b>Vintage</b>					

**PLEASE NOTE:**

- Bucket capacities are based on SAE J296 heaped capacity; bucket teeth are not included in this capacity calculation
- Bucket and attachment weights may vary slightly from stated weights
- Bucket and attachment dimensions may vary slightly from stated dimensions

## EXCAVATOR BUCKET & ATTACHMENT SELECTION CHART: 9MT – 80MT (Continued)

Classification ⇨		30MT (65K – 95K)	45MT (95K – 110K)	60MT (110K – 160K)	80MT (160K – 200K)
<b>Kobelco</b>	<b>Current Models</b>	SK295LC, SK350LC		SK485LC	SK850LC
	<b>Vintage</b>	SK290LC-DA, SK290LC-LR, SL330LC-DA, SK330LC-ME	SK480LC-DA, SK480LC-ME		
<b>Komatsu</b>	<b>Current Models</b>	PC300LC-8, PC300HD-7 MH, PC300HD-8, PC350LC-8, PC350HD-8	PC400LC-8, PC450LC-8	PC600LC-8, PC600LC-8 MH	PC800LC-8 MH
	<b>Vintage</b>	PC300HD-7, PC300LC-7, PC350LC-7	PC400LC-6, PC400LC-7, PC450-6, PC450-7, PC450LC-6	PC600LC-7, PC600LC-7SE, PC600LC-8	PC750LC-7, PC750SE-7
<b>Liebherr</b>	<b>Current Models</b>	A934C, R934B, R934C, R944B, R944C	R944C, R954C	A944C-HD, R954C, R964C	A954C-HD, R964C, R974C
	<b>Vintage</b>		R954B, R954B-V	R964B, R964B-SME	
<b>Link-Belt</b>	<b>Current Models</b>	350X2	460X2	700X2	800X2
	<b>Vintage</b>	330LX	460LX		700LX, 700LX-ME, 800LX, 800LX-ME
<b>Terex / O&amp;K</b>	<b>Current Models</b>	TXC300LC-2, TXC340LC-2, TXC420LC-2	TXC480LC-2	TXC520LC-2	
	<b>Vintage</b>	TXC300LC, TXC340LC, TXC400LC, TXC400LC-2	TXC470LC		
<b>Volvo</b>	<b>Current Models</b>	EC290C, ECR305C, EC330C, EC360C	EC460C	EC700C	
	<b>Vintage</b>	EC330B-LC, EC330B icme, EC360B-LC, EC360B-icme	EC460B-LC, EC460B-icme		EC700B-LC, EC700B-icme

## MINING EXCAVATOR BUCKET & ATTACHMENT SELECTION CHART: 120MT – 800MT

Classification ⇨		120MT (200K – 280K)	190MT (280K – 500K)	250MT (500K – 725K)	360MT (725K – 1,100K)	550MT (1,100K – 1,500K)	800MT (> 1,500K)
<b>Hitachi</b>	<b>Current Models</b>	EX1200-6	EX1900-6	EX2500-6	EX3600-6	EX5500-6	EX8000-6
	<b>Vintage</b>	EX1200-5, EX1200-5 BE	EX1900	EX2500	EX3600	EX5500	EX8000
<b>Komatsu</b>	<b>Current Models</b>	PC1250-8, PC1250LC-8, PC1250LC-8 MH	PC2000-8	PC3000-6	PC4000-6	PC5500-6	PC8000-6
	<b>Vintage</b>	PC1250-7, PC1250LC-7, PC1250SP-7	PC1800-6	PC3000	PC4000	PC5500	PC8000
<b>Liebherr</b>	<b>Current Models</b>	R974C, R9100, R984C		R9250, R9350	R995	R996B	R9800
	<b>Vintage</b>	R974B-SME	R992	R994			R996
<b>Terex / O&amp;K</b>	<b>Current Models</b>	RH30F, RH30F HD-RIC, RH40E, RH40E HD-IC, RH40F	RH90C	RH120E	RH170	RH200, RH340	RH400
	<b>Vintage</b>						

**PLEASE NOTE:**

- Bucket capacities are based on SAE J296 heaped capacity; bucket teeth are not included in this capacity calculation
- Bucket and attachment weights may vary slightly from stated weights
- Bucket and attachment dimensions may vary slightly from stated dimensions

# 9MT (16,000 to 22,000 LB) EXCAVATOR BUCKETS & COUPLERS

## BUCKETS

CASE  
CX75, CX80

DEERE/HITACHI  
75, 85

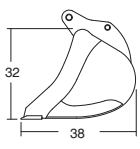
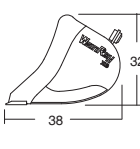
KOMATSU  
PC88, PC95

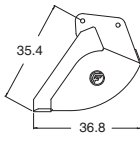
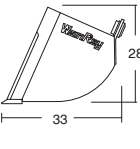
TAKEUCHI  
TB180

TEREX  
TW85

VOLVO  
ECR88

Refer to pages 2-8 & 2-10 for additional manufacturers and models.

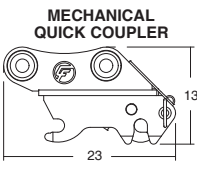
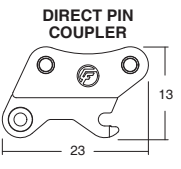


<b>Gannon Pin-On</b>	<b>Style / Width</b>	<b>Cap. Cu. Yd.</b>	<b>Wt. (lbs.)</b>	<b>Lip Size (in.)</b>	<b>No. Teeth</b>	<b>List Price</b>	<b>Wain-Roy Quick Change (Original, XLS)</b>	<b>Style / Width</b>	<b>Cap. Cu. Yd.</b>	<b>Wt. (lbs.)</b>	<b>Lip Size (in.)</b>	<b>No. Teeth</b>	<b>List Price</b>
	HEAVY-DUTY HD2-16	0.27	547	1.25	3	\$ 1,989		HEAVY-DUTY HD2-16	0.27	535	1.25	3	\$ 1,877
	HD2-18	0.30	592	1.25	3	2,029		HD2-18	0.30	575	1.25	3	1,923
	HD2-24	0.46	708	1.25	4	2,311		HD2-24	0.46	685	1.25	4	2,183
	HD2-30	0.59	819	1.25	5	2,505		HD2-30	0.59	785	1.25	5	2,367
	HD2-36	0.72	896	1.25	6	2,724		HD2-36	0.72	860	1.25	6	2,576
	HD2-42	0.86	1058	1.25	6	2,956		HD2-42	0.86	939	1.25	6	2,796
	HD2-48	1.01	1086	1.25	8	3,175		HD2-48	1.01	1015	1.25	8	3,005

<b>CF Pin-On</b>					<b>Reversible 0.75" BOCE, Add:</b>		<b>Wain-Roy Quick Change (Original, XLS)</b>				<b>Reversible BOCE</b>	
	DITCHING & GRADING 3LD-36	0.48	425	1.00	\$ 338	\$ 1,875		DITCHING & GRADING 36	0.49	710	Standard	\$ 2,097
	3LD-42	0.57	461	1.00	363	2,058		48	0.67	740	Standard	2,698
	3LD-48	0.66	497	1.00	387	2,270		60	0.81	820	Standard	3,239
	3LD-54	0.76	528	1.00	399	2,494						
	3LD-60	0.85	559	1.00	423	2,731						

**Note:** Optional drain holes in side plate or backsheet.

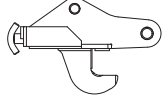
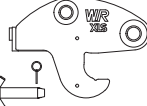
# 9MT (16,000 to 22,000 LB) EXCAVATOR BUCKETS & COUPLERS (Continued)

## COUPLERS

<i>CF Mechanical Quick Latch</i>	Style / Description	Wt. (lbs.)	List Price	<i>CF Direct Pin</i>	Style / Description	Wt. (lbs.)	List Price
	Mechanical (with pin kit)	185	\$ 2,752		Mechanical (with single pin kit)	165	\$ 1,414
	Jump latch		3,027		Jump latch		1,555
	1P	70	309		COUPLER PIN KIT (SINGLE PIN)	25	154


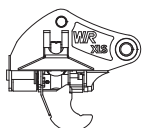
### *Gannon Eliminator*

### *Wain-Roy QC (XLS)*

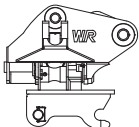
	Manual release (Fits all Original style buckets and attachments)	299	\$ 2,171		Manual release (Fits all Original and XLS style buckets and attachments)	303	\$ 2,171
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### *Wain-Roy Quick Change (XLS)*

### *Wain-Roy Quick Change (XLS)*

	Hydraulic coupler, pin kit and selected components (Fits all Original and XLS style buckets and attachments)	330	\$ 4,907		Manual release swinger coupler (Fits all Original and XLS style buckets and attachments)	400	\$ 6,501
<b>Note:</b> Hydraulic components include valve, switch box & wiring, and hoses & connections between our valve & cylinder. Dealer is responsible for hoses from valve to drain (tank) and to the bucket cylinder for power.				<b>Note:</b> Dealer-supplied hydraulics. When providing the valve, controls & lines, be sure to use two 3450 PSI relief valves. The Hydraulic Swinger Coupler is 20 inches wide. Digging depth is limited when a narrower bucket is used.			

### *Wain-Roy Direct Pin*

	Mechanical, with single pin kit	400	\$ 6,501	
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## TOOTH STYLES

Edge Size	Standard	Hensley Generic	Additional Tooth Availability (Price per Tooth)							
			Hensley		CAT		Esco		Metalogenia	
1.00"	Manufacturer Specified Teeth & Adapter	—	X160	\$ 29	1U3202	\$ 29	V19SYL	\$ 31	MG15U	\$ 36
1.25" Upgrade	Manufacturer Specified Teeth & Adapter	\$ 7	X220	\$ 39	1U3302	\$ 70	V23SYL	\$ 62	MG15U	\$ 44

## ATTACHMENTS, SPECIALTY BUCKETS & KITS

For Specialty Buckets, see pages 2-33 to 2-36.

For Wain-Roy Adapters & Conversion Kits, see page 2-38.

For Thumbs (Material Clamps), see page 2-36.

For Grapples, see page 2-37.

# 12MT (22,000 to 30,000 LB) EXCAVATOR BUCKETS & COUPLERS

**CASE**  
CX130, CX135

**CATERPILLAR**  
311, 312

**DEERE/HITACHI**  
120, 135

**KOMATSU**  
PC130

**TEREX**  
TW110, TW130

**VOLVO**  
EC140

Refer to pages 2-8 & 2-10 for additional manufacturers and models.

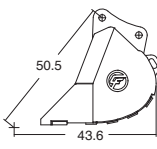
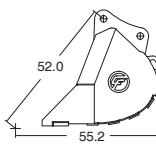
**X150 Bucket:** Heavier design than most OEM standard buckets. For use in soils containing low percentages of rock, loam and sand.

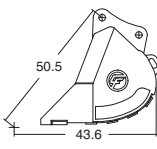
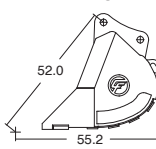
**X250 Bucket:** More demanding excavating conditions in clay, gravel, compacted soils and loose rock.

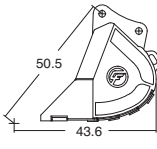
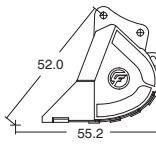
**X350 Bucket:** Abrasive and high impact applications in shot rock, coral, stratified materials, caliche and highly compacted material.

**Bucket Capacities:** Bucket capacities are based on Industry Standard **SAE J296 Heaped Capacity**; bucket teeth are not included in this capacity calculation. For a bucket with teeth add:

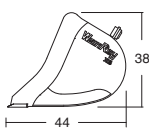
- Bucket Capacity with **Standard Teeth:**  
Multiply listed bucket capacity x 1.05 (5%)
- Bucket Capacity with **Flared Teeth:**  
Multiply listed bucket capacity x 1.15 (15%)

CF Pin-On	Style / Width	Cap. Cu. Yd.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price	CF Pin-On	Style / Width	Cap. Cu. Yd.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price		
	STANDARD CAPACITY HEAVY-DUTY	CF120X150-18	0.29	714	1.25	3	\$ 2,932		HIGH CAPACITY HEAVY-DUTY	CF125X150-18	0.33	980	1.25	3	\$ 3,825
		CF120X150-20	0.33	792	1.25	3	3,052			CF125X150-20	0.38	1025	1.25	3	4,069
		CF120X150-24	0.42	893	1.25	4	3,298			CF125X150-24	0.49	1114	1.25	4	4,199
		CF120X150-30	0.57	1066	1.25	4	3,683			CF125X150-30	0.66	1151	1.25	4	4,437
		CF120X150-36	0.73	1081	1.25	5	3,949			CF125X150-36	0.83	1261	1.25	5	4,930
		CF120X150-42	0.88	1230	1.25	5	4,431			CF125X150-42	1.01	1390	1.25	5	5,666
		CF120X150-48	1.04	1312	1.25	6	4,749			CF125X150-48	1.19	1499	1.25	6	5,966

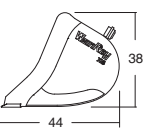
	STD. CAPACITY EXTRA HEAVY-DUTY	CF120X250-18	0.29	792	1.25	3	\$ 3,144		HIGH CAPACITY EXTRA HEAVY-DUTY	CF125X250-18	0.33	993	1.25	3	\$ 4,081
		CF120X250-20	0.33	835	1.25	3	3,275			CF125X250-20	0.38	1055	1.25	3	4,186
		CF120X250-24	0.42	938	1.25	4	3,535			CF125X250-24	0.49	1364	1.25	4	4,396
		CF120X250-30	0.57	1059	1.25	4	3,877			CF125X250-30	0.66	1472	1.25	4	4,787
		CF120X250-36	0.73	1141	1.25	5	4,197			CF125X250-36	0.83	1570	1.25	5	5,225
		CF120X250-42	0.88	1299	1.25	5	4,774			CF125X250-42	1.01	1651	1.25	5	5,881
		CF120X250-48	1.04	1441	1.25	6	5,078			CF125X250-48	1.19	1689	1.25	6	6,081

	STD. CAPACITY SEVERE-DUTY	CF120X350-18	0.29	1179	1.50	3	\$ 3,746		HIGH CAPACITY SEVERE-DUTY	CF125X350-18	0.33	1509	1.50	3	\$ 5,069
		CF120X350-20	0.33	1205	1.50	3	3,886			CF125X350-20	0.38	1554	1.50	3	5,363
		CF120X350-24	0.42	1295	1.50	3	4,171			CF125X350-24	0.49	1645	1.50	3	5,631
		CF120X350-30	0.57	1411	1.50	4	4,525			CF125X350-30	0.66	1761	1.50	4	6,079
		CF120X350-36	0.73	1481	1.50	5	4,865			CF125X350-36	0.83	1790	1.50	5	6,225
		CF120X350-42	0.88	1727	1.50	5	5,505			CF125X350-42	1.01	1830	1.50	5	7,013
		CF120X350-48	1.04	1959	1.50	6	5,794			CF125X350-48	1.19	2309	1.50	6	7,475

## Wain-Roy Quick Change (Original, XLS)

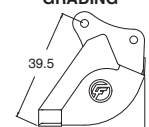
HEAVY-DUTY	Style	Cap. Cu. Yd.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price
	HD3-18	0.33	698	1.25	3	\$ 2,870
	HD3-24	0.49	813	1.25	4	3,320
	HD3-30	0.66	901	1.25	4	3,532
	HD3-36	0.83	1011	1.25	5	3,819
	HD3-42	1.00	1129	1.25	6	4,480
	HD3-48	1.18	1213	1.25	6	4,693
	Optional Bolt-On Side Cutter Extensions, Add:					

## Wain-Roy Quick Change (Original, XLS)

SEVERE-DUTY	Style	Cap. Cu. Yd.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price
	SD3-18	0.33	715	1.25	3	\$ 3,561
	SD3-24	0.49	834	1.25	4	4,011
	SD3-30	0.66	926	1.25	4	4,344
	SD3-36	0.83	1040	1.25	5	4,741
	SD3-42	1.00	1156	1.25	6	5,511
	SD3-48	1.18	1249	1.25	6	5,845

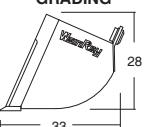
## CF Pin-On

Reversible 1.00" BOCE, Add:

DITCHING & GRADING	Style	Cap. Cu. Yd.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price
	1DXS-42	0.62	786	1.00	3	\$ 542 \$ 3,137
	1DXS-48	0.73	848	1.00	4	567 3,385
	1DXS-54	0.83	905	1.00	5	605 3,619
	1DXS-60	0.94	963	1.00	6	630 3,867
	1DXS-72	1.15	1084	1.00	8	668 4,596

## Wain-Roy Quick Change (Original, XLS)


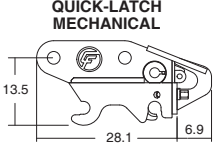

Reversible BOCE

DITCHING & GRADING	Style	Cap. Cu. Yd.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price
	36	0.49	710	Standard	3	\$ 2,097
	48	0.67	740	Standard	4	2,698
	60	0.81	820	Standard	5	3,239
	72	1.00	935	Standard	6	3,544

Note: Optional drain holes in side plate or backsheet.

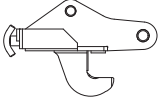

# 12MT (22,000 to 30,000 LB) EXCAVATOR BUCKETS & COUPLERS (Continued)

## COUPLERS

<i>CF Pin Grabber</i>	Style / Description	Wt. (lbs.)	List Price	<i>CF Pin Grabber</i>	Style / Description	Wt. (lbs.)	List Price
	QUICK-LATCH HYDRAULIC	725	\$ 7,052		QUICK-LATCH MECHANICAL	570	\$ 5,902
	Hydraulic (with latch, hydraulic kit and pin kit), includes "D-Ring"		Mechanical (with pin kit), includes "D-Ring"		\$ 6,492		
	COUPLER PIN KIT	70	450				
	1P						

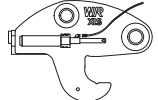

### *Gannon Eliminator*

### *Wain-Roy QC (XLS)*

	MANUAL RELEASE	299	\$ 2,171		MANUAL RELEASE	303	\$ 2,171
Manual release (Fits all Original style buckets and attachments)	Manual release (Fits all Original and XLS style buckets and attachments)						

### *Wain-Roy Quick Change (XLS)*

### *Wain-Roy Quick Change (XLS)*

	HYDRAULIC RELEASE	360	\$ 5,151		MANUAL RELEASE SWINGER	400	\$ 6,501
Hydraulic coupler, pin kit and selected components (Fits all Original and XLS style buckets and attachments)	Manual release swinger coupler (Fits all Original and XLS style buckets and attachments)						
<b>Note:</b> Hydraulic components include valve, switch box & wiring, and hoses & connections between our valve & cylinder. Dealer is responsible for hoses from valve to drain (tank) and to the bucket cylinder for power.				<b>Note:</b> Dealer-supplied hydraulics. When providing the valve, controls & lines, be sure to use two 3450 PSI relief valves. The Hydraulic Swinger Coupler is 20 inches wide. Digging depth is limited when a narrower bucket is used.			

## OPTIONS AND ADDITIONS TO BASE BUCKET ("D-Ring" bucket lifting eye and horizontal wear bars are standard)

Description	List Price	Description	List Price
Vertical wear bars	N/C	Central Fabricators 6" side cutters (3 bolt)	\$ 759
"Anti-clatter" bushing assembly	\$ 277	Central Fabricators 3" wear shrouds (3 bolt)	653
Ear blanks	1,124		

## TOOTH STYLES

Edge Size	Standard	Hensley Generic	Additional Tooth Availability (Price per Tooth)							
			Hensley		CAT		Esco		Metalogenia	
1.25"	Manufacturer Specified Teeth & Adapter	—	X220	\$ 32	1U3302	\$ 65	V23SYL	\$ 56	MG15U	\$ 37
1.50"	Manufacturer Specified Teeth & Adapter	—	X290	\$ 41	1U3351	\$ 61	V29SYL	\$ 36	MG20U	\$ 52
									MG30U	\$ 100
1.50" Upgrade	Manufacturer Specified Teeth & Adapter	\$ 13	X290	\$ 54	1U3351	\$ 73	V29SYL	\$ 49	MG20U	\$ 65
									MG30U	\$ 113

## ATTACHMENTS, SPECIALTY BUCKETS & KITS

For Specialty Buckets, see pages 2-33 to 2-36.  
 For Thumbs (Material Clamps), see page 2-36.  
 For Grapples, see page 2-37.

For Wain-Roy Adapters & Conversion Kits, see page 2-38.

# 15MT (30,000 to 41,000 LB) EXCAVATOR BUCKETS & COUPLERS

**CASE CX160**      **CATERPILLAR 314, 315**      **DEERE/HITACHI 160**      **KOMATSU PC138, PC160**      **TEREX TXC140, TW150**      **VOLVO EC160, EW160**

Refer to pages 2-8 & 2-10 for additional manufacturers and models.

**X150 Bucket:** Heavier design than most OEM standard buckets. For use in soils containing low percentages of rock, loam and sand.

**X250 Bucket:** More demanding excavating conditions in clay, gravel, compacted soils and loose rock.

**X350 Bucket:** Abrasive and high impact applications in shot rock, coral, stratified materials, caliche and highly compacted material.

**Bucket Capacities:** Bucket capacities are based on Industry Standard **SAE J296 Heaped Capacity**; bucket teeth are not included in this capacity calculation. For a bucket with teeth add:

- Bucket Capacity with **Standard Teeth:**  
Multiply listed bucket capacity x 1.05 (5%)
- Bucket Capacity with **Flared Teeth:**  
Multiply listed bucket capacity x 1.15 (15%)

CF Pin-On	Style / Width	Cap. Cu. Yd.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price	CF Pin-On	Style / Width	Cap. Cu. Yd.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price		
	STANDARD CAPACITY HEAVY-DUTY	CF150X150-18	0.34	732	1.25	3	\$ 3,619		HIGH CAPACITY HEAVY-DUTY	CF155X150-18	0.37	1005	1.25	4	\$ 4,119
		CF150X150-20	0.42	816	1.25	3	3,881			CF155X150-20	0.45	1045	1.25	4	4,250
		CF150X150-24	0.50	900	1.25	4	4,181			CF155X150-24	0.54	1101	1.25	4	4,369
		CF150X150-30	0.66	1068	1.25	4	4,355			CF155X150-30	0.73	1182	1.25	4	4,792
		CF150X150-36	0.83	1096	1.25	5	4,781			CF155X150-36	0.92	1276	1.25	5	5,223
		CF150X150-42	1.01	1238	1.25	5	5,578			CF155X150-42	1.12	1411	1.25	5	5,841
		CF150X150-48	1.18	1387	1.25	6	5,929			CF155X150-48	1.31	1499	1.25	6	6,203

	STD. CAPACITY EXTRA HEAVY-DUTY	CF150X250-18	0.34	787	1.25	3	\$ 3,744		HIGH CAPACITY EXTRA HEAVY-DUTY	CF155X250-18	0.37	1270	1.25	3	\$ 4,369
		CF150X250-20	0.42	842	1.25	3	3,969			CF155X250-20	0.45	1320	1.25	3	4,393
		CF150X250-24	0.50	942	1.25	4	4,206			CF155X250-24	0.54	1390	1.25	4	4,493
		CF150X250-30	0.66	1097	1.25	4	4,555			CF155X250-30	0.73	1471	1.25	4	4,880
		CF150X250-36	0.83	1198	1.25	5	4,980			CF155X250-36	0.92	1574	1.25	5	5,318
		CF150X250-42	1.01	1312	1.25	5	5,791			CF155X250-42	1.12	1687	1.25	5	6,140
		CF150X250-48	1.18	1490	1.25	6	6,140			CF155X250-48	1.31	1869	1.25	6	6,503

	STD. CAPACITY SEVERE-DUTY	CF150X350-18	0.34	1183	1.50	3	\$ 4,381		HIGH CAPACITY SEVERE-DUTY	CF155X350-18	0.37	1673	1.50	3	\$ 4,977
		CF150X350-20	0.42	1255	1.50	3	4,493			CF155X350-20	0.45	1693	1.50	3	5,118
		CF150X350-24	0.50	1299	1.50	3	4,943			CF155X350-24	0.54	1720	1.50	3	5,404
		CF150X350-30	0.66	1415	1.50	4	5,392			CF155X350-30	0.73	1777	1.50	4	5,828
		CF150X350-36	0.83	1493	1.50	5	5,841			CF155X350-36	0.92	1809	1.50	5	6,315
		CF150X350-42	1.01	1730	1.50	5	6,290			CF155X350-42	1.12	1862	1.50	5	7,401
		CF150X350-48	1.18	1960	1.50	6	6,740			CF155X350-48	1.31	2350	1.50	6	8,050

## Wain-Roy Quick Change (Original, XLS)

	HEAVY-DUTY	HD4-24	0.55	1139	1.50	3	\$ 4,954
		HD4-30	0.75	1315	1.50	4	5,380
		HD4-36	0.95	1435	1.50	5	5,578
		HD4-42	1.16	1629	1.50	5	6,004
		HD4-48	1.34	1805	1.50	6	6,415
	Optional Bolt-On Side Cutter Extensions, Add:						

## Wain-Roy Quick Change (Original, XLS)

	HIGH CAPACITY HEAVY-DUTY	STR4-30	0.66	1102	1.25	4	\$ 6,203
		STR4-36	0.83	1230	1.25	5	6,415
		STR4-42	1.01	1358	1.25	5	6,827
		STR4-48	1.19	1511	1.25	6	7,239

## CF Pin-On

### Reversible 1.00" BOCE, Add:

	DITCHING & GRADING	1DXS-42	0.62	781	1.00	\$ 568	\$ 4,000
		1DXS-48	0.73	847	1.00	586	4,010
		1DXS-54	0.83	907	1.00	616	4,335
		1DXS-60	0.94	959	1.00	635	4,560
		1DXS-72	1.15	1087	1.00	676	4,835

## Wain-Roy Quick Change (Original, XLS)

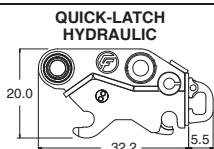
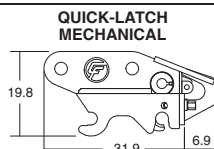
### Reversible BOCE

	DITCHING & GRADING	36	0.50	1025	Standard	\$ 3,557
		42	0.60	1050	Standard	3,769
		48	0.75	1080	Standard	3,969
		54	0.87	1095	Standard	4,181
		60	1.00	1110	Standard	4,393
		72	1.13	1220	Standard	4,992

Note: Optional drain holes in side plate or backsheet.



# 15MT (30,000 to 41,000 LB) EXCAVATOR BUCKETS & COUPLERS (Continued)

## COUPLERS

<i>CF Pin Grabber</i>	Style / Description	Wt. (lbs.)	List Price	<i>CF Pin Grabber</i>	Style / Description	Wt. (lbs.)	List Price
 <p><b>QUICK-LATCH HYDRAULIC</b></p>	Hydraulic (with latch, hydraulic kit and pin kit), includes "D-Ring"	870	\$ 7,744	 <p><b>QUICK-LATCH MECHANICAL</b></p>	Mechanical (with pin kit), includes "D-Ring"	635	\$ 6,248
	Jump latch		8,518		Jump latch	6,874	


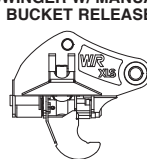
### *Pin Grabber Pin Kit*

### *Wain-Roy Quick Change (XLS)*

 <p><b>COUPLER PIN KIT</b></p>	2P	115	\$ 654	 <p><b>MANUAL RELEASE</b></p>	Manual release (Fits all Original and XLS style buckets and attachments)	645	\$ 4,637
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### *Wain-Roy Quick Change (XLS)*

### *Wain-Roy Quick Change (XLS)*

 <p><b>HYDRAULIC RELEASE</b></p>	Hydraulic coupler, pin kit and selected components (Fits all Original and XLS style buckets and attachments)	675	\$ 6,525	 <p><b>SWINGER W/ MANUAL BUCKET RELEASE</b></p>	Manual release swinger coupler (Fits all Original and XLS style buckets and attachments)	950	\$ 10,414
<p><b>Note:</b> Hydraulic components include valve, switch box &amp; wiring, and hoses &amp; connections between our valve &amp; cylinder. Dealer is responsible for hoses from valve to drain (tank) and to the bucket cylinder for power.</p>				<p><b>Note:</b> Dealer-supplied hydraulics. When providing the valve, controls &amp; lines, be sure to use two 3450 PSI relief valves. The Hydraulic Swinger Coupler is 24 inches wide. Digging depth is limited when a narrower bucket is used.</p>			

## OPTIONS AND ADDITIONS TO BASE BUCKET ("D-Ring" bucket lifting eye and horizontal wear bars are standard)

Description	List Price	Description	List Price
Vertical wear bars	N/C	Central Fabricators 6" side cutters (3 bolt)	\$ 759
"Anti-clatter" bushing assembly	\$ 277	Central Fabricators 3" wear shrouds (3 bolt)	653
Ear blanks	1,401		

## TOOTH STYLES

Edge Size	Standard	Hensley Generic	Additional Tooth Availability (Price per Tooth)							
			Hensley		CAT		Esco		Metalogenia	
1.25"	Manufacturer Specified Teeth & Adapter	—	X220	\$ 32	1U3302	\$ 65	V23SYL	\$ 56	MG15U	\$ 37
1.50"	Manufacturer Specified Teeth & Adapter	—	X290	\$ 41	1U3351	\$ 61	V29SYL	\$ 36	MG20U	\$ 52
1.50" Upgrade	Manufacturer Specified Teeth & Adapter	\$ 13	X290	\$ 54	1U3351	\$ 73	V29SYL	\$ 49	MG30U	\$ 100
									MG20U	\$ 65
									MG30U	\$ 113

## ATTACHMENTS, SPECIALTY BUCKETS & KITS

For Specialty Buckets, see pages 2-33 to 2-36.  
 For Thumbs (Material Clamps), see page 2-36.  
 For Grapples, see page 2-37.

For Wain-Roy Adapters & Conversion Kits, see page 2-38.



# 20MT (41,000 to 52,000 LB) EXCAVATOR BUCKETS & COUPLERS

**CASE**  
CX210, CX225

**CATERPILLAR**  
319, 320, 321

**DEERE/HITACHI**  
190, 200, 225

**KOMATSU**  
PC200, PC228

**TEREX**  
TC210, TXC225

**VOLVO**  
EW180, EC210

Refer to pages 2-8 & 2-10 for additional manufacturers and models.

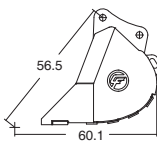
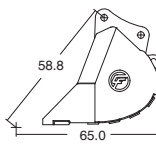
**X150 Bucket:** Heavier design than most OEM standard buckets. For use in soils containing low percentages of rock, loam and sand.

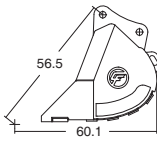
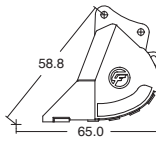
**X250 Bucket:** More demanding excavating conditions in clay, gravel, compacted soils and loose rock.

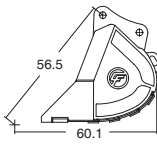
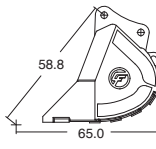
**X350 Bucket:** Abrasive and high impact applications in shot rock, coral, stratified materials, caliche and highly compacted material.

**Bucket Capacities:** Bucket capacities are based on Industry Standard **SAE J296 Heaped Capacity**; bucket teeth are not included in this capacity calculation. For a bucket with teeth add:

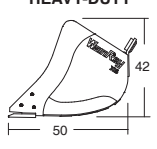
- Bucket Capacity with **Standard Teeth:**  
Multiply listed bucket capacity x 1.05 (5%)
- Bucket Capacity with **Flared Teeth:**  
Multiply listed bucket capacity x 1.15 (15%)

CF Pin-On	Style / Width	Cap. Cu. Yd.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price	CF Pin-On	Style / Width	Cap. Cu. Yd.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price		
	STANDARD CAPACITY HEAVY-DUTY	CF200X150-24	0.54	1112	1.50	4	\$ 5,079		HIGH CAPACITY HEAVY-DUTY	CF205X150-24	0.60	1289	1.50	4	\$ 5,291
		CF200X150-30	0.73	1227	1.50	4	5,554			CF205X150-30	0.81	1391	1.50	4	6,040
		CF200X150-36	0.92	1350	1.50	5	5,977			CF205X150-36	1.02	1451	1.50	5	6,477
		CF200X150-42	1.12	1490	1.50	5	6,415			CF205X150-42	1.23	1596	1.50	5	6,764
		CF200X150-48	1.31	1586	1.50	6	6,976			CF205X150-48	1.45	1785	1.50	6	7,401
		CF200X150-54	1.51	1720	1.50	6	7,364			CF205X150-54	1.66	2045	1.50	6	7,776
		CF200X150-60	1.70	1980	1.50	7	8,100			CF205X150-60	1.88	2305	1.50	7	8,824


	STD. CAPACITY EXTRA HEAVY-DUTY	CF200X250-24	0.54	1373	1.50	4	\$ 5,416		HIGH CAPACITY EXTRA HEAVY-DUTY	CF205X250-24	0.60	1425	1.50	4	\$ 5,852
		CF200X250-30	0.73	1481	1.50	4	5,866			CF205X250-30	0.81	1531	1.50	4	6,253
		CF200X250-36	0.92	1573	1.50	5	6,091			CF205X250-36	1.02	1651	1.50	5	6,602
		CF200X250-42	1.12	1699	1.50	5	6,540			CF205X250-42	1.23	1728	1.50	5	6,902
		CF200X250-48	1.31	1793	1.50	6	6,989			CF205X250-48	1.45	1853	1.50	6	7,451
		CF200X250-54	1.51	1903	1.50	6	7,439			CF205X250-54	1.66	1965	1.50	6	7,975
		CF200X250-60	1.70	2018	1.50	7	8,337			CF205X250-60	1.88	2075	1.50	7	9,148

	STD. CAPACITY SEVERE-DUTY	CF200X350-24	0.54	1658	1.50	3	\$ 6,300		HIGH CAPACITY SEVERE-DUTY	CF205X350-24	0.60	1695	1.50	3	\$ 7,204
		CF200X350-30	0.73	1760	1.50	4	6,552			CF205X350-30	0.81	1805	1.50	4	7,627
		CF200X350-36	0.92	1859	1.50	4	6,995			CF205X350-36	1.02	1943	1.50	4	8,036
		CF200X350-42	1.12	2029	1.50	5	7,878			CF205X350-42	1.23	2089	1.50	5	8,400
		CF200X350-48	1.31	2197	1.50	5	8,190			CF205X350-48	1.45	2305	1.50	5	9,428
		CF200X350-54	1.51	2365	1.50	6	8,528			CF205X350-54	1.66	2410	1.50	6	9,990
		CF200X350-60	1.70	2478	1.50	7	9,066			CF205X350-60	1.88	2560	1.50	7	10,586

## Wain-Roy Quick Change (Original, XLS)

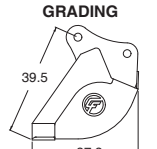
	HEAVY-DUTY	HD4-24	0.55	1139	1.50	3	\$ 4,954
		HD4-30	0.75	1315	1.50	4	5,380
		HD4-36	0.95	1435	1.50	5	5,578
		HD4-42	1.16	1629	1.50	5	6,004
		HD4-48	1.34	1805	1.50	6	6,415
		Optional Bolt-On Side Cutter Extensions, Add:					699

## Wain-Roy Quick Change (Original, XLS)

	HIGH CAPACITY HEAVY-DUTY	HD5-24	0.66	1205	1.50	3	\$ 5,691
		HD5-30	0.90	1370	1.50	4	6,096
		HD5-36	1.14	1535	1.50	5	6,305
		HD5-42	1.38	1690	1.50	5	6,709
		HD5-48	1.63	1845	1.50	6	7,114
		Optional Bolt-On Side Cutter Extensions, Add:					770


## CF Pin-On

Reversible 1.00" BOCE, Add:

	DITCHING & GRADING	1DXH-42	0.62	866	1.00	\$ 568	\$ 4,019
		1DXH-48	0.73	996	1.00	586	4,031
		1DXH-54	0.84	1126	1.00	616	4,321
		3LDLF-54	0.76	770	1.00	616	4,354
		3LDLF-60	0.85	815	1.25	635	4,410
		1DXH-60	0.94	1256	1.00	635	4,581
		1DXH-72	1.15	1295	1.00	676	4,857

## Wain-Roy Quick Change (Original, XLS)

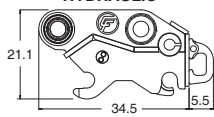
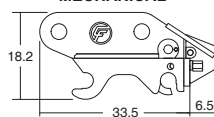

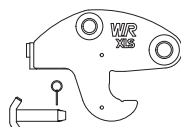

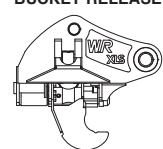
Reversible BOCE

	DITCHING & GRADING	42	0.60	1050	Standard	\$ 3,769
		48	0.75	1080	Standard	3,969
		54	0.87	1095	Standard	4,181
		60	1.00	1110	Standard	4,393
		72	1.13	1220	Standard	4,992

Note: Optional drain holes in side plate or backsheet.

## 20MT (41,000 to 52,000 LB) EXCAVATOR BUCKETS & COUPLERS (Continued)

### COUPLERS

<i>CF Pin Grabber</i>	Style / Description	Wt. (lbs.)	List Price	<i>CF Pin Grabber</i>	Style / Description	Wt. (lbs.)	List Price
 <p><b>QUICK-LATCH HYDRAULIC</b></p>	Hydraulic (with latch, hydraulic kit and pin kit), includes "D-Ring"	925	\$ 8,332	 <p><b>QUICK-LATCH MECHANICAL</b></p>	Mechanical (with pin kit), includes "D-Ring"	680	\$ 6,498
	Jump latch		9,164		Jump latch		7,149
<b>Pin Grabber Pin Kit</b>				<b>Wain-Roy Quick Change (XLS)</b>			
 <p>COUPLER PIN KIT</p>	3P	121	\$ 674	 <p>MANUAL RELEASE</p>	Manual release (Fits all Original and XLS style buckets and attachments)	645	\$ 4,637
<b>Wain-Roy Quick Change (XLS)</b>				<b>Wain-Roy Quick Change (XLS)</b>			
 <p>HYDRAULIC RELEASE</p>	Hydraulic coupler, pin kit and selected components (Fits all Original and XLS style buckets and attachments)	675	\$ 6,525	 <p>SWINGER W/ MANUAL BUCKET RELEASE</p>	Manual release swinger coupler (Fits all Original and XLS style buckets and attachments)	950	\$ 10,414
<b>Note:</b> Hydraulic components include valve, switch box & wiring, and hoses & connections between our valve & cylinder. Dealer is responsible for hoses from valve to drain (tank) and to the bucket cylinder for power.				<b>Note:</b> Dealer-supplied hydraulics. When providing the valve, controls & lines, be sure to use two 3450 PSI relief valves. The Hydraulic Swinger Coupler is 24 inches wide. Digging depth is limited when a narrower bucket is used.			

### OPTIONS AND ADDITIONS TO BASE BUCKET ("D-Ring" bucket lifting eye and horizontal wear bars are standard)

Description	List Price	Description	List Price
Vertical wear bars	N/C	Central Fabricators 6" side cutters (3 bolt)	\$ 759
"Anti-clatter" bushing assembly	\$ 277	Central Fabricators 3" wear shrouds (3 bolt)	653
Ear blanks	1,716		

### TOOTH STYLES

Edge Size	Standard	Hensley Generic	Additional Tooth Availability (Price per Tooth)			
			Hensley	CAT	Esco	Metalogenia
1.50"	Manufacturer Specified Teeth & Adapter	—	X290 \$ 41	1U3351 \$ 61	V29SYL \$ 36	MG20U \$ 52 MG30U \$ 100
2.00" Upgrade	Manufacturer Specified Teeth & Adapter	\$ 32	X400 \$ 114	9W8452 \$ 180	V39SYL \$ 95	MG40U \$ 162

### ATTACHMENTS, SPECIALTY BUCKETS & KITS

For Specialty Buckets, see pages 2-33 to 2-36.

For Wain-Roy Adapters & Conversion Kits, see page 2-38.

For Thumbs (Material Clamps), see page 2-36.

For Grapples, see page 2-37.

# 25MT (52,000 to 65,000 LB) EXCAVATOR BUCKETS & COUPLERS

**CASE**  
CX240, CX290

**CATERPILLAR**  
324, 329

**DEERE/HITACHI**  
240, 270

**KOMATSU**  
PC220, PC270

**TEREX**  
TXC255, TC260

**VOLVO**  
EC230, EC290

Refer to pages 2-8 & 2-10 for additional manufacturers and models.

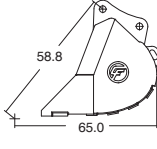
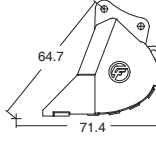
**X150 Bucket:** Heavier design than most OEM standard buckets. For use in soils containing low percentages of rock, loam and sand.

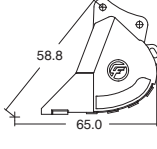
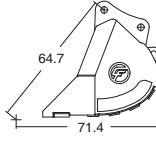
**X250 Bucket:** More demanding excavating conditions in clay, gravel, compacted soils and loose rock.

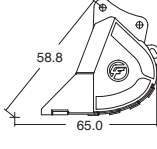
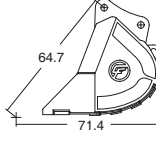
**X350 Bucket:** Abrasive and high impact applications in shot rock, coral, stratified materials, caliche and highly compacted material.

**Bucket Capacities:** Bucket capacities are based on Industry Standard **SAE J296 Heaped Capacity**; bucket teeth are not included in this capacity calculation. For a bucket with teeth add:

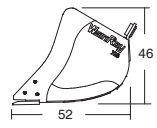
- Bucket Capacity with **Standard Teeth:**  
Multiply listed bucket capacity x 1.05 (5%)
- Bucket Capacity with **Flared Teeth:**  
Multiply listed bucket capacity x 1.15 (15%)

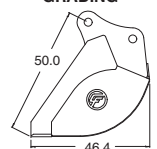
CF Pin-On	Style / Width	Cap. Cu. Yd.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price	CF Pin-On	Style / Width	Cap. Cu. Yd.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price		
	STANDARD CAPACITY HEAVY-DUTY	CF250X150-24	0.60	1390	1.50	3	\$ 6,096		HIGH CAPACITY HEAVY-DUTY	CF255X150-24	0.81	1453	1.50	3	\$ 6,538
		CF250X150-30	0.81	1563	1.50	4	6,550			CF255X150-30	1.08	1731	1.50	4	6,979
		CF250X150-36	1.02	1639	1.50	5	6,771			CF255X150-36	1.36	1845	1.50	5	7,408
		CF250X150-42	1.23	1779	1.50	5	7,212			CF255X150-42	1.64	1962	1.50	5	7,850
		CF250X150-48	1.45	1866	1.50	6	7,666			CF255X150-48	1.93	2068	1.50	6	8,549
		CF250X150-54	1.66	2099	1.50	6	8,549			CF255X150-54	2.23	2200	1.50	6	9,187
		CF250X150-60	1.88	2169	1.50	7	9,445			CF255X150-60	2.52	2430	1.50	7	9,824

	STD. CAPACITY EXTRA HEAVY-DUTY	CF250X250-24	0.60	1540	1.50	3	\$ 6,243		HIGH CAPACITY EXTRA HEAVY-DUTY	CF255X250-24	0.81	1765	1.50	3	\$ 6,771
		CF250X250-30	0.81	1930	1.50	4	6,696			CF255X250-30	1.08	2010	1.50	4	7,212
		CF250X250-36	1.02	2075	1.50	5	6,918			CF255X250-36	1.36	2133	1.50	5	7,629
		CF250X250-42	1.23	2195	1.50	5	7,359			CF255X250-42	1.64	2279	1.50	5	8,070
		CF250X250-48	1.45	2359	1.50	6	7,813			CF255X250-48	1.93	2505	1.50	6	8,770
		CF250X250-54	1.66	2600	1.50	6	8,697			CF255X250-54	2.23	2801	1.50	6	9,469
		CF250X250-60	1.88	2836	1.50	7	9,592			CF255X250-60	2.52	3000	1.50	7	10,045

	STD. CAPACITY SEVERE-DUTY	CF250X350-24	0.60	1658	1.50	3	\$ 7,064		HIGH CAPACITY SEVERE-DUTY	CF255X350-24	0.81	1735	1.50	3	\$ 8,206
		CF250X350-30	0.81	2080	1.50	4	7,518			CF255X350-30	1.08	2240	1.50	4	8,451
		CF250X350-36	1.02	2179	1.50	4	7,961			CF255X350-36	1.36	2349	1.50	4	9,334
		CF250X350-42	1.23	2308	1.50	4	8,402			CF255X350-42	1.64	2547	1.50	4	10,683
		CF250X350-48	1.45	2519	1.50	5	9,065			CF255X350-48	1.93	2810	1.50	5	12,106
		CF250X350-54	1.66	2699	1.50	6	9,726			CF255X350-54	2.23	3034	1.50	6	12,805
		CF250X350-60	1.88	2929	1.50	6	13,087			CF255X350-60	2.52	3265	1.50	7	13,962

## Wain-Roy Quick Change (Original, XLS)


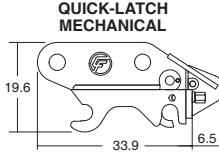

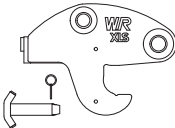
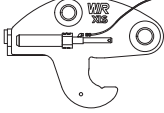
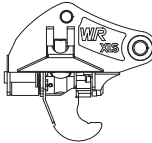
	HIGH CAPACITY HEAVY-DUTY	HD5-24	0.66	1205	1.50	3	\$ 5,691	
		HD5-30	0.90	1370	1.50	4	6,096	
		HD5-36	1.14	1535	1.50	5	6,305	
		HD5-42	1.38	1690	1.50	5	6,709	
		HD5-48	1.63	1845	1.50	6	7,114	
		Optional Bolt-On Side Cutter Extensions, Add:						770

CF Pin-On					Reversible 1.00" BOCE, Add:		Wain-Roy Quick Change (Original, XLS)		Reversible BOCE				
	DITCHING & GRADING	2DXH-48	1.10	1398	1.25	\$ 586	\$ 4,720	DITCHING & GRADING	48	0.75	1080	Standard	\$ 3,969
		2DXH-54	1.25	1480	1.25	616	4,967		60	1.00	1110	Standard	4,393
		3LDLF-60	0.85	835	1.25	635	4,532		66	1.15	1165	Standard	4,693
		2DXH-60	1.43	1562	1.25	635	5,215		72	1.23	1220	Standard	4,992
		2DXH-66	1.59	1660	1.25	653	5,464		84	1.45	1340	Standard	5,392
		2DXH-72	1.78	1759	1.25	676	5,710						
		2DXH-84	2.09	1956	1.25	713	6,728						

Note: Optional drain holes in side plate or backsheet.

## 25MT (52,000 to 65,000 LB) EXCAVATOR BUCKETS & COUPLERS (Continued)

### COUPLERS

<i>CF Pin Grabber</i>	Style / Description	Wt. (lbs.)	List Price	<i>CF Pin Grabber</i>	Style / Description	Wt. (lbs.)	List Price
 <p><b>QUICK-LATCH HYDRAULIC</b></p>	Hydraulic (with latch, hydraulic kit and pin kit), includes "D-Ring"	1025	<b>\$ 9,503</b>	 <p><b>QUICK-LATCH MECHANICAL</b></p>	Mechanical (with pin kit), includes "D-Ring"	1050	<b>\$ 6,901</b>
	Jump latch		<b>10,453</b>		Jump latch		
<b>Pin Grabber Pin Kit</b>				<b>Wain-Roy Quick Change (XLS)</b>			
 <p><b>COUPLER PIN KIT</b></p>	4P	140	<b>\$ 768</b>	 <p><b>MANUAL RELEASE</b></p>	Manual release (Fits all Original and XLS style buckets and attachments)	650	<b>\$ 4,992</b>
<b>Wain-Roy Quick Change (XLS)</b>				<b>Wain-Roy Quick Change (XLS)</b>			
 <p><b>HYDRAULIC RELEASE</b></p>	Hydraulic coupler, pin kit and selected components (Fits all Original and XLS style buckets and attachments)	715	<b>\$ 6,869</b>	 <p><b>SWINGER W/ MANUAL BUCKET RELEASE</b></p>	Manual release swinger coupler (Fits all Original and XLS style buckets and attachments)	1000	<b>\$ 10,916</b>
<p><b>Note:</b> Hydraulic components include valve, switch box &amp; wiring, and hoses &amp; connections between our valve &amp; cylinder. Dealer is responsible for hoses from valve to drain (tank) and to the bucket cylinder for power.</p>				<p><b>Note:</b> Dealer-supplied hydraulics. When providing the valve, controls &amp; lines, be sure to use two 3450 PSI relief valves. The Hydraulic Swinger Coupler is 24 inches wide. Digging depth is limited when a narrower bucket is used.</p>			

### OPTIONS AND ADDITIONS TO BASE BUCKET ("D-Ring" bucket lifting eye and horizontal wear bars are standard)

Description	List Price	Description	List Price
Vertical wear bars	N/C	Central Fabricators 6" side cutters (3 bolt)	<b>\$ 759</b>
"Anti-clatter" bushing assembly	<b>\$ 277</b>	Central Fabricators 3" wear shrouds (3 bolt)	<b>653</b>
Ear blanks	<b>1,915</b>		

### TOOTH STYLES

Edge Size	Standard	Hensley Generic	Additional Tooth Availability (Price per Tooth)							
			Hensley		CAT		Esco		Metalogenia	
1.50"	Manufacturer Specified Teeth & Adapter	—	X330	N/C	1U3351	<b>\$ 46</b>	V33SYL	<b>\$ 85</b>	MG20U	<b>\$ 37</b>
2.00" Upgrade	Manufacturer Specified Teeth & Adapter	<b>\$ 17</b>	X370	<b>\$ 93</b>	9W8452	<b>\$ 165</b>	V39SYL	<b>\$ 80</b>	MG30U	<b>\$ 85</b>
									MG40U	<b>\$ 147</b>

### ATTACHMENTS, SPECIALTY BUCKETS & KITS

For Specialty Buckets, see pages 2-33 to 2-36.  
 For Thumbs (Material Clamps), see page 2-36.  
 For Grapples, see page 2-37.

For Wain-Roy Adapters & Conversion Kits, see page 2-38.

# 30MT (65,000 to 95,000 LB) EXCAVATOR BUCKETS & COUPLERS

**CASE CX350**      **CATERPILLAR 328, 336**      **DEERE/HITACHI 350, 370**      **KOMATSU PC300, PC350**      **TEREX TXC300, TXC420**      **VOLVO EC290, EC360**

Refer to pages 2-9 & 2-11 for additional manufacturers and models.

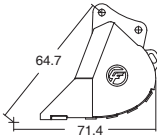
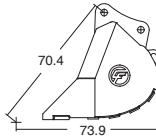
**X150 Bucket:** Heavier design than most OEM standard buckets. For use in soils containing low percentages of rock, loam and sand.

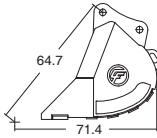
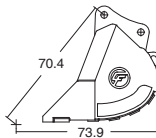
**X250 Bucket:** More demanding excavating conditions in clay, gravel, compacted soils and loose rock.

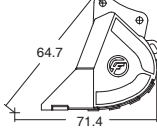
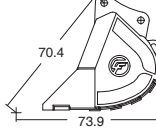
**X350 Bucket:** Abrasive and high impact applications in shot rock, coral, stratified materials, caliche and highly compacted material.

**Bucket Capacities:** Bucket capacities are based on Industry Standard **SAE J296 Heaped Capacity**; bucket teeth are not included in this capacity calculation. For a bucket with teeth add:

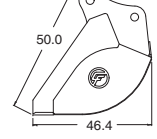
- Bucket Capacity with **Standard Teeth:**  
Multiply listed bucket capacity x 1.05 (5%)
- Bucket Capacity with **Flared Teeth:**  
Multiply listed bucket capacity x 1.15 (15%)

<i>CF Pin-On</i>	Style / Width	Cap. Cu. Yd.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price	<i>CF Pin-On</i>	Style / Width	Cap. Cu. Yd.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price
<b>STANDARD CAPACITY HEAVY-DUTY</b> 	CF300X150-24	0.81	1600	1.50	3	\$ 6,770	<b>HIGH CAPACITY HEAVY-DUTY</b> 	CF305X150-24	0.87	1900	1.50	3	\$ 7,236
	CF300X150-30	1.08	1770	1.50	4	7,213		CF305X150-30	1.18	2420	1.50	4	7,434
	CF300X150-36	1.36	1872	1.50	4	7,865		CF305X150-36	1.49	2550	1.50	4	8,249
	CF300X150-42	1.64	1998	1.50	5	8,750		CF305X150-42	1.82	2710	1.50	5	9,006
	CF300X150-48	1.93	2115	1.50	6	9,624		CF305X150-48	2.15	2815	1.50	6	10,056
	CF300X150-54	2.23	2215	1.50	6	10,720		CF305X150-54	2.49	2982	1.50	6	11,023
	CF300X150-60	2.52	2338	1.50	7	11,816		CF305X150-60	2.83	3089	1.50	7	11,862
	CF300X150-66	2.81	2451	1.50	7	12,386		CF305X150-66	3.17	3200	1.50	7	12,933
CF300X150-72	3.10	2573	1.50	7	13,341	CF305X150-72	3.51	3141	1.50	7	13,715		

<b>STD. CAPACITY EXTRA HEAVY-DUTY</b> 	CF300X250-24	0.81	1836	2.00	3	\$ 7,107	<b>HIGH CAPACITY EXTRA HEAVY-DUTY</b> 	CF305X250-24	0.87	2400	2.00	3	\$ 7,340
	CF300X250-30	1.08	1942	2.00	4	7,505		CF305X250-30	1.18	2516	2.00	4	7,538
	CF300X250-36	1.36	2057	2.00	4	7,982		CF305X250-36	1.49	2781	2.00	4	8,400
	CF300X250-42	1.64	2210	2.00	5	8,786		CF305X250-42	1.82	3020	2.00	5	9,303
	CF300X250-48	1.93	2324	2.00	5	9,660		CF305X250-48	2.15	3218	2.00	5	10,281
	CF300X250-54	2.23	2557	2.00	6	10,906		CF305X250-54	2.49	3562	2.00	6	11,850
	CF300X250-60	2.52	2700	2.00	6	11,990		CF305X250-60	2.83	3660	2.00	6	12,881
	CF300X250-66	2.81	2910	2.00	6	12,502		CF305X250-66	3.17	3800	2.00	6	13,109
CF300X250-72	3.10	3140	2.00	7	13,703	CF305X250-72	3.51	4028	2.00	7	14,308		

<b>STD. CAPACITY SEVERE-DUTY</b> 	CF300X350-24	0.81	2220	2.00	3	\$ 7,388	<b>HIGH CAPACITY SEVERE-DUTY</b> 	CF305X350-24	0.87	2580	2.00	3	\$ 8,262
	CF300X350-30	1.08	2414	2.00	3	8,016		CF305X350-30	1.18	2850	2.00	3	8,530
	CF300X350-36	1.36	2578	2.00	4	8,262		CF305X350-36	1.49	3024	2.00	4	9,252
	CF300X350-42	1.64	2897	2.00	4	9,066		CF305X350-42	1.82	3343	2.00	4	10,277
	CF300X350-48	1.93	3049	2.00	5	9,939		CF305X350-48	2.15	3469	2.00	5	11,058
	CF300X350-54	2.23	3298	2.00	5	11,326		CF305X350-54	2.49	3720	2.00	5	12,677
	CF300X350-60	2.52	3456	2.00	6	12,619		CF305X350-60	2.83	3965	2.00	6	13,900
	CF300X350-66	2.81	3584	2.00	6	13,633		CF305X350-66	3.17	4105	2.00	6	14,966
CF300X350-72	3.10	3766	2.00	7	15,015	CF305X350-72	3.51	4322	2.00	7	16,405		

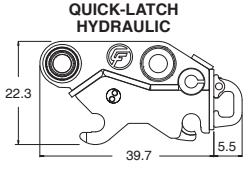
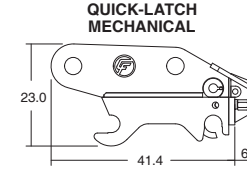
**Reversible 1.00" BOCE, Add:**

<i>CF Pin-On</i>	Style / Width	Cap. Cu. Yd.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price	
<b>DITCHING &amp; GRADING</b> 	2DXH-48	1.10	1470	1.25	3	\$ 586	\$ 4,720
	2DXH-54	1.25	1570	1.25	3	616	4,967
	2DXH-60	1.43	1660	1.25	3	635	5,215
	2DXH-66	1.59	1765	1.25	3	653	5,464
	2DXH-72	1.78	1850	1.25	3	676	5,710
	2DXH-84	2.09	2040	1.25	3	713	6,728


**Note:** Optional drain holes in side plate or backsheet.

## 30MT (65,000 to 95,000 LB) EXCAVATOR BUCKETS & COUPLERS (Continued)

### COUPLERS

CF Pin Grabber	Style / Description	Wt. (lbs.)	List Price	CF Pin Grabber	Style / Description	Wt. (lbs.)	List Price
 <p><b>QUICK-LATCH HYDRAULIC</b></p> <p>22.3 39.7 5.5</p>	Hydraulic (with latch, hydraulic kit and pin kit), includes "D-Ring"	1315	\$ 10,063	 <p><b>QUICK-LATCH MECHANICAL</b></p> <p>23.0 41.4 6.5</p>	Mechanical (with pin kit), includes "D-Ring"	1200	\$ 7,996
	Jump latch		11,070		Jump latch	8,797	

#### Pin Grabber Pin Kit

 <p><b>COUPLER PIN KIT</b></p>	5P	175	\$ 858
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### OPTIONS AND ADDITIONS TO BASE BUCKET ("D-Ring" bucket lifting eye and horizontal wear bars are standard)

Description	List Price	Description	List Price
Vertical wear bars	N/C	Central Fabricators 6" side cutters (3 bolt)	\$ 759
"Anti-clatter" bushing assembly	\$ 277	Central Fabricators 3" wear shrouds (3 bolt)	653
Ear blanks	2,441		

### TOOTH STYLES

Edge Size	Standard	Hensley Generic	Additional Tooth Availability (Price per Tooth)				
			Hensley	CAT	Esco	Metalogenia	
1.50"	Manufacturer Specified Teeth & Adapter	—	X330	N/C	1U3352 \$ 64	V33SYL \$ 85	MG20U \$ 37
							MG30U \$ 85
2.00"	Manufacturer Specified Teeth & Adapter	—	X370	\$ 77	9W8452 \$ 148	V43SYL \$ 103	MG40U \$ 130
2.00" Upgrade	Manufacturer Specified Teeth & Adapter	\$ 17	X400	\$ 99	9W8452 \$ 165	V43SYL \$ 80	MG40U \$ 147

### ATTACHMENTS, SPECIALTY BUCKETS & KITS

For Specialty Buckets, see pages 2-33 to 2-36.  
 For Thumbs (Material Clamps), see page 2-36.  
 For Grapples, see page 2-37.

For Wain-Roy Adapters, see page 2-38.

# 45MT (95,000 to 110,000 LB) EXCAVATOR BUCKETS & COUPLERS

**CASE CX470**      **CATERPILLAR 345**      **DEERE/HITACHI 450**      **KOMATSU PC400, PC450**      **TEREX TXC480**      **VOLVO EC460**

Refer to pages 2-9 & 2-11 for additional manufacturers and models.

**X150 Bucket:** Heavier design than most OEM standard buckets. For use in soils containing low percentages of rock, loam and sand.

**X250 Bucket:** More demanding excavating conditions in clay, gravel, compacted soils and loose rock.

**X350 Bucket:** Abrasive and high impact applications in shot rock, coral, stratified materials, caliche and highly compacted material.

**Bucket Capacities:** Bucket capacities are based on Industry Standard **SAE J296 Heaped Capacity**; bucket teeth are not included in this capacity calculation. For a bucket with teeth add:

- Bucket Capacity with **Standard Teeth:**  
Multiply listed bucket capacity x 1.05 (5%)
- Bucket Capacity with **Flared Teeth:**  
Multiply listed bucket capacity x 1.15 (15%)

CF Pin-On	Style / Width	Cap. Cu. Yd.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price	CF Pin-On	Style / Width	Cap. Cu. Yd.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price		
	STANDARD CAPACITY HEAVY-DUTY	CF450X150-30	1.18	2114	2.00	4	\$ 7,486		HIGH CAPACITY HEAVY-DUTY	CF455X150-30	1.44	2800	2.00	4	\$ 8,395
	CF450X150-36	1.49	2559	2.00	4	7,943	CF455X150-36		1.82	3024	2.00	4	8,860		
	CF450X150-42	1.82	2715	2.00	5	8,729	CF455X150-42		2.21	3343	2.00	5	9,783		
	CF450X150-48	2.15	2820	2.00	5	9,731	CF455X150-48		2.60	3522	2.00	5	11,117		
	CF450X150-54	2.49	2989	2.00	6	11,259	CF455X150-54		3.00	3719	2.00	6	12,087		
	CF450X150-60	2.83	3095	2.00	6	12,062	CF455X150-60		3.40	3955	2.00	6	12,406		
	CF450X150-66	3.17	3211	2.00	6	12,501	CF455X150-66		3.81	4191	2.00	6	12,824		
	CF450X150-72	3.51	3326	2.00	7	13,626	CF455X150-72		4.21	4366	2.00	7	13,761		
	CF450X150-78	3.80	3441	2.00	7	14,795	CF455X150-78		4.57	4494	2.00	7	14,312		
	CF450X150-80	3.91	3562	2.00	7	15,108	CF455X150-80		4.75	4598	2.00	7	14,494		

	STD. CAPACITY EXTRA HEAVY-DUTY	CF450X250-30	1.18	2639	2.00	4	\$ 8,000		HIGH CAPACITY EXTRA HEAVY-DUTY	CF455X250-30	1.44	2939	2.00	4	\$ 9,666
	CF450X250-36	1.49	2776	2.00	4	8,504	CF455X250-36		1.82	3390	2.00	4	10,380		
	CF450X250-42	1.82	3032	2.00	5	9,283	CF455X250-42		2.21	3449	2.00	5	11,311		
	CF450X250-48	2.15	3241	2.00	5	10,302	CF455X250-48		2.60	3629	2.00	5	12,153		
	CF450X250-54	2.49	3462	2.00	6	11,480	CF455X250-54		3.00	4135	2.00	6	13,001		
	CF450X250-60	2.83	3683	2.00	6	12,270	CF455X250-60		3.40	4450	2.00	6	13,590		
	CF450X250-66	3.17	3725	2.00	6	12,782	CF455X250-66		3.81	4905	2.00	6	14,161		
	CF450X250-72	3.51	3759	2.00	7	13,909	CF455X250-72		4.21	5256	2.00	7	14,704		
	CF450X250-78	3.80	3802	2.00	7	14,304	CF455X250-78		4.57	5564	2.00	7	15,270		
	CF450X250-80	3.91	3851	2.00	7	14,658	CF455X250-80		4.75	5796	2.00	7	15,471		

	STD. CAPACITY SEVERE-DUTY	CF450X350-30	1.18	2600	2.00	3	\$ 8,798		HIGH CAPACITY SEVERE-DUTY	CF455X350-30	1.44	3542	2.00	3	\$ 9,959
	CF450X350-36	1.49	3024	2.00	4	9,128	CF455X350-36		1.82	3706	2.00	4	10,638		
	CF450X350-42	1.82	3343	2.00	4	9,931	CF455X350-42		2.21	4182	2.00	4	11,453		
	CF450X350-48	2.15	3522	2.00	5	11,072	CF455X350-48		2.60	4460	2.00	5	12,631		
	CF450X350-54	2.49	3719	2.00	5	12,813	CF455X350-54		3.00	4780	2.00	5	14,150		
	CF450X350-60	2.83	3955	2.00	6	13,830	CF455X350-60		3.40	5210	2.00	6	14,544		
	CF450X350-66	3.17	4291	2.00	6	14,209	CF455X350-66		3.81	5510	2.00	6	15,973		
	CF450X350-72	3.51	4627	2.00	7	15,336	CF455X350-72		4.21	5736	2.00	7	16,867		
	CF450X350-78	3.80	4967	2.00	7	15,721	CF455X350-78		4.57	6015	2.00	7	17,798		
	CF450X350-80	3.91	5292	2.00	7	16,087	CF455X350-80		4.75	6440	2.00	7	18,109		

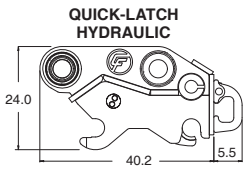

**Reversible 1.25" BOCE, Add:**

CF Pin-On	Style / Width	Cap. Cu. Yd.	Wt. (lbs.)	Lip Size (in.)	No. Teeth	List Price
	DITCHING & GRADING	3DH-48	1.36	2018	1.25	\$ 629 \$ 6,550
	3DH-54	1.58	2130	1.25	658	7,363
	3DH-60	1.74	2258	1.25	676	8,188
	3DH-66	1.92	2401	1.25	695	8,435
	3DH-72	2.15	2544	1.25	713	8,682
	3DH-78	2.36	2637	1.25	737	9,026
	3DH-84	2.56	2730	1.25	779	9,371
	3DH-96	2.97	2950	1.25	822	10,719

Note: Optional drain holes in side plate or backsheet.

# 45MT (95,000 to 110,000 LB) EXCAVATOR BUCKETS & COUPLERS (Continued)

## COUPLERS

<i>CF Pin Grabber</i>	Style / Description	Wt. (lbs.)	List Price	<i>Pin Grabber Pin Kit</i>	Style / Description	Wt. (lbs.)	List Price
	Hydraulic (with latch, hydraulic kit and pin kit), includes "D-Ring"	1700	\$ 12,260		6P	225	\$ 972
	Jump latch		13,487				

### OPTIONS AND ADDITIONS TO BASE BUCKET ("D-Ring" bucket lifting eye and horizontal wear bars are standard)

Description	List Price	Description	List Price
Vertical wear bars	N/C	Central Fabricators 6" side cutters (3 bolt)	\$ 759
"Anti-clatter" bushing assembly	\$ 277	Central Fabricators 3" wear shrouds (3 bolt)	653
Ear blanks	2,586	Heavy-duty 6" Hensley "M" style side cutters (6 bolt)	1,082

## TOOTH STYLES

Edge Size	Standard	Hensley Generic	Additional Tooth Availability (Price per Tooth)							
			Hensley	CAT	Esco		Metalogenia			
<b>2.00"</b>	Manufacturer Specified Teeth & Adapter	—	X400	\$ 83	9W8452	\$ 148	V43SYL	\$ 103	MG40U	\$ 130
<b>2.50" Upgrade</b>	Manufacturer Specified Teeth & Adapter	\$ 61	X475	\$ 287	9W8552	\$ 274	V51SYL	\$ 144	MG55U	\$ 134

### ATTACHMENTS, SPECIALTY BUCKETS & KITS

For Specialty Buckets, see pages 2-33 to 2-36.

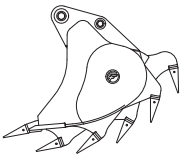



























































For Grapples, see page 2-37.

For Thumbs (Material Clamps), see page 2-36.

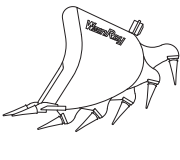


# EXCAVATOR ATTACHMENTS & SPECIALTY BUCKETS

## SPECIALTY BUCKETS & ATTACHMENTS

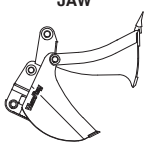
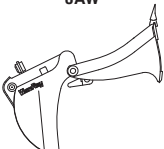
■ B#5

<b>Wain-Roy QC (Original, XLS)</b>		Weight Class	Style / Width	Cap. Cu. Yd.	Wt. (lbs.)	Lip Size (in.)	Cutting Edge Teeth	List Price	Weight Class	Style / Width	Cap. Cu. Yd.	Wt. (lbs.)	Lip Size (in.)	Cutting Edge Teeth	List Price
	<b>RIPPER</b>	18	0.27	625	1.25	3	\$ 5,544	15MT (30K - 41K),	24	0.50	1385	1.50	3	\$ 11,763	
		9MT (16K - 22K)	24	0.33	735	1.25	5	5,740	20MT (41K - 52K)	30	0.63	1600	1.50	5	12,204
			30	0.41	850	1.25	5	5,937	and	36	0.75	1700	1.50	5	12,645
			36	0.49	960	1.25	5	6,133	25MT (52K - 65K)	42	0.89	1800	1.50	5	13,100
	12MT (22K - 30K)	18	0.30	820	1.25	3	7,715								
		24	0.46	950	1.25	3	8,144								
		30	0.59	1245	1.25	5	8,366								
		36	0.72	1580	1.25	5	8,697								


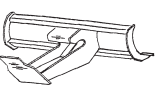
**Note:** Bucket sizes shown are nominal. The Ripper Bucket will cut approximately 2 inches more than the nominal advertised width. See excavator buckets, specific weight class section for tooth options available.

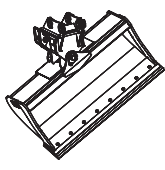
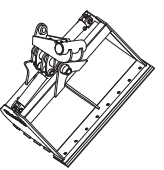
# EXCAVATOR ATTACHMENTS & SPECIALTY BUCKETS (Continued)

## SPECIALTY BUCKETS & ATTACHMENTS (Continued)

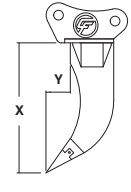
Weight Class	Wain-Roy Pin-On	Style / Width	Cap. Cu. Yd.	Wt. (lbs.)	Opening (in.)	List Price	Wain-Roy QC (Original, XLS)	Style / Width	Cap. Cu. Yd.	Wt. (lbs.)	Opening (in.)	List Price
9MT (16K – 22K) and 12MT (22K – 30K)		24	0.39	920	51	\$ 11,836		24	0.39	875	51	\$ 9,910
		30	0.52	1010	51	12,265		30	0.52	975	51	10,217
15MT (30K – 41K) and 20MT (41K – 52K)	36	0.74	1800	51	15,895	36		0.74	1800	51	13,970	

**Note:** For Hydraulic Kit availability & pricing, contact Dealer Services. If you are providing the valve, controls & lines, be sure to use two 3450 PSI relief valves.

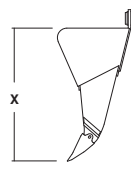
	Wain-Roy					Wain-Roy					
9MT (16K – 22K)	RIPPER TOOTH JAW ATTACHMENT			275	\$ 1,913	6' BACKFILL BLADE JAW ATTACHMENT	72		265		\$ 2,546
12MT (22K – 30K)				275	2,021		72		265		2,653

Weight Class	Wain-Roy Pin-On	Style / Width	Cap. Cu. Yd.	Wt. (lbs.)	List Price	Wain-Roy QC (XLS)	Style / Width	Cap. Cu. Yd.	Wt. (lbs.)	List Price		
9MT (16K – 22K) and 12MT (22K – 30K)		HYDRAULIC TILTING BUCKET	48	0.70	1180	\$ 8,285		HYDRAULIC TILTING BUCKET	48	0.70	1135	\$ 7,979
		60	0.90	1367	8,614	60		0.90	1322	8,308		
		66	1.00	1445	8,702	66		1.00	1400	8,395		
		72	1.10	1513	8,905	72		1.10	1468	8,597		
15MT (30K – 41K), 20MT (41K – 52K) and 25MT (52K – 65K)		60	1.00	1875	10,977	60	1.00	1830	10,671			
		72	1.13	2400	11,983	72	1.13	2355	11,677			

**Note:** 45° rotation. Bolt-on edge standard. Excavator must be equipped with valve and lines down to end of dipperstick. Valve must have port reliefs. For Hydraulic Kit availability & pricing, contact Dealer Services.

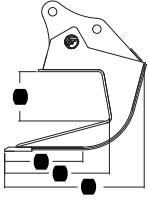
CF Pin-On	Weight Class	Style / Width	Dim "X" (in.)	Dim "Y" (in.)	Wt. (lbs.)	Teeth	List Price
	9MT (16K – 22K)	CF1R-30	30.0	4.5	260	24 Series	\$ 1,588
	12MT (22K – 30K)	CF1.5R-36	36.0	9.6	658	25 Series	3,618
	15MT (30K – 41K)	2R-36	36.0	7.9	658	25 Series	3,850
	20MT (41K – 52K)	2R-42	42.0	7.9	660	25 Series	3,966
	25MT (52K – 65K)	2.5R-42	42.0	7.9	1000	35 Series	5,318
	30MT (65K – 95K)	2.5R-36	36.0	6.4	1050	35 Series	5,444
	45MT (95K – 110K)	3R-55	55.0	5.5	2201	35 Series	9,223
	60MT (110K – 160K)	4R-55	55.0	8.0	2600	39 Series	10,659
	80MT (160K – 200K)	4.5R-65	65.0	10.0	3100	39 Series	12,683
	120MT (200K +)	8R-55	55.0	17.5	4300	V71	32,335

### Wain-Roy Quick Change (Original, XLS)

	9MT (16K – 22K) and 12MT (22K – 30K)		47.0		275	T1U3352	\$ 2,441
	15MT (30K – 41K), 20MT (41K – 52K) and 25MT (52K – 65K)		50.0		770	T702	4,697

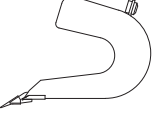
# EXCAVATOR ATTACHMENTS & SPECIALTY BUCKETS (Continued)

## SPECIALTY BUCKETS & ATTACHMENTS (Continued)

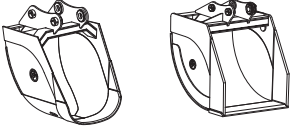
									

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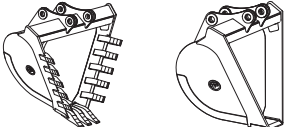
### Wain-Roy Quick Change (Original, XLS)

	PAVEMENT SLAB REMOVAL							
		24		825	5	\$ 3,787		
	9MT (16K – 22K)	32		995	5	4,214		
		36		1080	5	4,711		
	12MT (22K – 30K)	32		995	5	4,214		
		36		1080	5	4,711		
	15MT (30K – 41K), 20MT (41K – 52K) and 25MT (52K – 65K)	36		1600	5	10,851		

Note: See excavator buckets, specific weight class section for tooth options available.

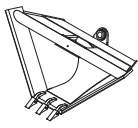
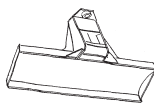
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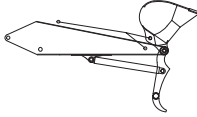


# EXCAVATOR ATTACHMENTS & SPECIALTY BUCKETS (Continued)

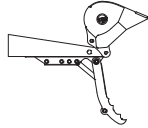
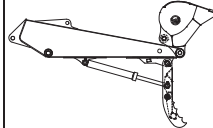
## SPECIALTY BUCKETS & ATTACHMENTS (Continued)

Wain-Roy QC (Original, XLS)					Wain-Roy QC (Original, XLS)					
Weight Class	Style / Width	Wt. (lbs.)	No. Teeth	List Price	Weight Class	Style / Width	Wt. (lbs.)	List Price		
	9MT (16K – 22K)	18 x 72 x 45°	617	3	\$ 3,348		9MT (16K – 22K)	60	235	\$ 1,851
	12MT (22K – 30K)	18 x 72 x 45°	617	3	3,348		12MT (22K – 30K)	60	235	1,851

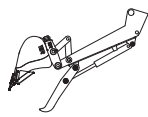

**Note:** See excavator buckets, specific weight class section for tooth options available.

## THUMBS (MATERIAL CLAMPS)

Central Fabricators Pin-On				Central Fabricators Pin-On				Central Fabricators Pin-On			
Style	Wt. (lbs.)	List Price	Style	Wt. (lbs.)	List Price	Style	Wt. (lbs.)	List Price	Style	Wt. (lbs.)	List Price
12MT (22K – 30K)	RIGID, MAIN PIN (NO LINKS)	705	\$ 5,299	HYDRAULIC DIRECT, MAIN PIN (NO LINKS)	750	\$ 6,860	HYDRAULIC PROGRESSIVE (WITH LINKS)	1050	\$ 10,163		
15MT (30K – 41K)		800	7,167		900	9,211		1100	10,977		
20MT (41K – 52K)		965	8,682		1050	10,058		1200	11,889		
25MT (52K – 65K)		1225	9,162		1300	10,378		1600	12,449		
30MT (65K – 95K)		1520	10,224	CUSTOM DESIGN	1540	12,260	CUSTOM DESIGN	1920	13,271		
45MT (95K – 110K)		2045	11,670		2190	13,997		2720	16,270		

Weight Class	Style	Wt. (lbs.)	List Price	Weight Class	Style	Wt. (lbs.)	List Price
9MT (16K – 22K)	WELD-ON RIGID	480	\$ 3,817	9MT (16K – 22K)	WELD-ON HYDRAULIC	480	\$ 4,234
12MT (22K – 30K)		660	4,256	12MT (22K – 30K)		660	6,635
15MT (30K – 41K)		660	4,256	15MT (30K – 41K)		660	6,635
20MT (41K – 52K)		870	4,649	20MT (41K – 52K)		870	7,064
25MT (52K – 65K)		1070	6,194	25MT (52K – 65K)		1070	7,184
30MT (65K – 95K)		1370	6,230	30MT (65K – 95K)		1370	8,026
45MT (95K – 110K)		1504	7,752	45MT (95K – 110K)		1504	9,087

### Wain-Roy Quick Change

Weight Class	Style	Wt. (lbs.)	List Price	Weight Class	Style	Wt. (lbs.)	List Price
9MT (16K – 22K)	WELD-ON HYDRAULIC	480	\$ 3,986	9MT (16K – 22K)	HYDRAULIC DIRECT, MAIN PIN (NO LINKS)	600	\$ 6,083
12MT (22K – 30K)		615	6,635	12MT (22K – 30K)		750	6,696

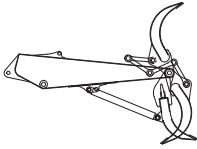
















### Notes:

- 1
- 2 Weld-on thumbs are universal in design and are not custom fit to the host machine.
- 3 Questionnaire regarding bucket, coupler (if applicable) and stick criteria to be completed for main pin thumbs by dealer prior to order entry.

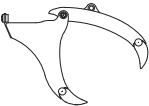




# EXCAVATOR ATTACHMENTS & SPECIALTY BUCKETS (Continued)

## GRAPPLES

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<i>Wain-Roy QC (Original, XLS)</i>						<i>Wain-Roy QC (Original, XLS)</i>							
	Weight Class	Width Across Teeth (in.)	Opening (in.)	Wt. (lbs.)	List Price		Weight Class	Width Across Teeth (in.)	Opening (in.)	Wt. (lbs.)	List Price		
	RIGID												
		9MT (16K – 22K)	35	84	1010		\$ 5,703	HYDRAULIC	9MT (16K – 22K)	32	72	1450	\$ 10,278
		12MT (22K – 30K)	35	84	1425		6,696		12MT (22K – 30K)	32	72	1450	10,278
		Includes Anchor Mounting Kit						15MT (30K – 41K)	32	72	1620	12,878	
		If used w/Swinger, Lockout Kit is required, P/N 108600				252							
		15MT (30K – 41K)	37	91	2430	\$ 11,647							
		20MT (41K – 52K)	48	104	3000	12,731							
		25MT (52K – 65K)	48	104	3000	13,835							
		Includes Anchor Mounting Kit											
		If used w/Swinger, Lockout Kit is required, P/N 108732				558							







# EXCAVATOR ADAPTERS & CONVERSION KITS

## WAIN-ROY ADAPTERS

Weight Class	Adapter	Model	Woods No.	Type	Wt. (lbs.)	List Price
9MT (16K – 22K) and 12MT (22K – 30K)	Universal	—	009886 Original	Pin-On	175	\$ 1,291
		—	59958 XLS	Pin-On	175	1,564
		—	009569 Original	Weld-On	120	980
		—	46167 XLS	Weld-On	120	980
	For Alitec	CP16BH, CP18BH, CP24BH Planer	1003091	Bolt-On	215	1,357
	For Allied	740 Hy-Ram	009852	Pin-On	190	2,385
		8700C, 8750C	009508	Pin-On	150	1,324
	For Balderson-Caterpillar	H90C, B90, H70, B70, H63, H63S, B63S, B63	44099	Bolt-On	195	1,430
		H70S, H90Cs	1000224	Bolt-On	188	1,364
		H100, H100Cs	44093	Bolt-On	250	1,593
	For Danuser	Auger	009094	Auger	140	1,396
	For JCB	550 Hammer Master	1004049	Pin-On	278	1,644
	For Kent	KF12 TLB (Fits JD710)	1003211	Pin-On	270	1,733
	For Rammer	S24	009569	Weld-On	120	980
For Tramac	BRH501(S), BRH400(S), BRH900, BRM900, 750, 625, 620, 450, 570	009565	Bolt-On	240	1,759	
	100, 130, 140, 150, 300, 400, 470, 501, 570, 600, 620, 625, 700, 900, TR-9, TR-14, TR-21	1002285	Bolt-On	220	1,446	
	BRH400(S), BRP130, BRP100, 125, 91, 76	009886	Pin-On	175	1,291	
For Teledyne Roxon	TB625CM, TB725CM	009886	Pin-On	175	1,291	
	TB625X, TB725X	1005925	Bolt-On	231	1,584	
15MT (30K – 41K) through 25MT (52K – 65K)	Universal	—	009827 Original	Weld-On	275	2,206
	For Balderson-Caterpillar	H115S, H120Cs, H130s, H140s, H100, H100s	1000282	Bolt-On	555	2,827
		MP20 CAT Processor	1000285	Bolt-On	555	2,835
	For Kent	KF22, 35, 40, KHB 20, 30, 40G	1002243 Kent #12078	Pin-On	825	3,546
		KFHB15G	1002196 Kent #12076	Pin-On	830	3,543
		KF12	1003969	Bolt-On	600	2,680
		KF12 Standard-Duty	1004032	Pin-On	752	3,375
		KHP 225 Compactor	1005988	Pin-On	725	3,340
	For MBW	EXA24	1005900	Bolt-On	580	2,664
	For Tramac	V32, BRH501(S), BRH400(S), BRH900, BRM900, 750, 625, 620, 450, 570, 600	44740	Bolt-On	610	2,813
V32, BRH 1100, 1200		009916	Bolt-On	610	2,975	
BRH501(S), BRH400(S), BRH900, BRM900, 750, 625, 620, 450, 570, 600		009918	Bolt-On	615	2,827	
30MT (65K – 95K)	Universal	—	40205 XLS	Weld-On	450	3,561

## WAIN-ROY CONVERSION KITS

Description	Weight Class	Style / Width	Wt. (lbs.)	List Price	Description	Weight Class	Style / Width	Wt. (lbs.)	List Price
TO CONVERT OEM PIN-ON BUCKETS TO ORIGINAL SYSTEM 	9MT (16K – 22K) and 12MT (22K – 30K)	18	60	\$ 397	TO CONVERT OEM PIN-ON BUCKETS TO ORIGINAL SYSTEM 	15MT (30K – 41K) through 25MT (52K – 65K)	24	105	\$ 808
		24	70	445			30	120	901
		30	80	482			36	140	949
		36	90	515			42	160	1,004
		48	105	569			48	180	1,089
		60	130	700			60	200	1,261
TO CONVERT ORIGINAL TO XLS BUCKETS 	9MT (16K – 22K) and 12MT (22K – 30K)			225	TO CONVERT OEM PIN-ON BUCKETS TO SERIES 2XLS SYSTEM 	9MT (16K – 22K) and 12MT (22K – 30K)	18 – 24		1,175
							24 – 36		1,261
							36 – 60		1,431