



EXCAVATOR BUCKETS

**Selection,
Innovation,
Performance**

Your One-Stop Shop
for Hydraulic Tools
and Attachments



STANLEY
Infrastructure

INDUSTRIAL TOOLS & ATTACHMENTS

 **PALADIN** **STANLEY** **LABOUNTY**  **PENGGO**

WHY SHOULD YOU BUY A **JRB**® EXCAVATOR BUCKET?



Enhanced Performance

- Optimized profile for better filling & dumping
- Dual taper design provides enhanced heel clearance for less resistance and wear during digging

Increased Capacity

- Improved construction reduces weight up to 10% for larger payloads
- Optimized bucket geometry provides increased capacities while maintaining OEM pin to point distances

Enhanced Durability

- One-piece header design improves load distribution and durability
- Strategic placement of AR400 wear material in the cutting edge, side cutter and bottom corner to reduce wear

MAIN BUCKET OFFERING

The **JRB® Heavy-Duty and Severe-Duty Series** of excavator buckets combines innovative design and advanced materials for the ultimate job site productivity. Use JRB® Buckets to tackle tough digging material handling conditions with solid results.

Heavy-Duty Bucket

For 12-45mT Excavators

VS.

Severe-Duty Bucket

For 12-45mT Excavators



- Works well for a wide range of applications
- Multiple tooth systems available
- Pre-drilled for shrouds or side cutters



- Best suited for difficult digging conditions
- Increased wear package
- Upsized teeth
- Increased strength & durability

SELECTING EXCAVATOR BUCKET DUTY CLASS

Two duty classes of JRB® buckets exist to meet the needs of your job. Selecting the right bucket requires examining what you will be digging.

Impact of Choosing the Wrong Duty Class



Higher Purchase Price & Operating Costs



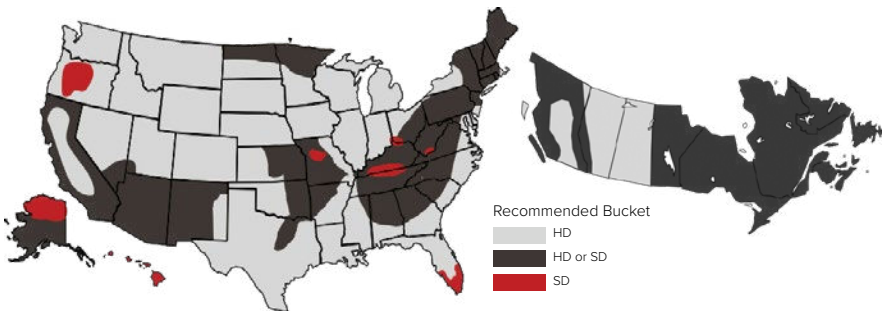
Lower Productivity



Shorter Life

Making the wrong bucket choice for your application can cost you in the long run.

Step 1: Where will the excavator operate?



This map provides a general recommendation for when you don't know the exact operating conditions for the excavator.

If you know more, the next questions can help to refine your choice.

Step 2: What will you be digging?

Use Severe Duty buckets where harder and/or more abrasive rock is present.

Clay	Silt/Loam	Sand	Gravel	Shale	Caliche	Sandstone	Gneiss	Ore
SOIL			SOFTER ROCK		HARDER / ABRASIVE ROCK			
				Limestone	Granite	Coral	Basalt	Quartzite

Step 3: Are there any special conditions?

Severe Duty is best when these conditions are present

Frost



Boulders



Quarry



Silica



Poorly Blasted



BUCKETS TO FIT YOUR UNIQUE NEEDS

Clean Up

Ideal for digging in light materials/dirt where there is a need to maintain or prepare a grade. These buckets are similar in shape and capacity as the Heavy Duty buckets, but feature wider widths and a bolt on edge.



Ditch Cleaning

Ideal for drainage ditch cleaning and finish grade work. These buckets have a shallower depth and are wider than the Heavy Duty buckets. These buckets come equipped with a bolt on edge.



High Capacity

The JRB High Capacity series of excavator buckets has been designed to maximize capacity in high production, low material density applications. These buckets are ideal for bulk excavation of lower density materials such as mulch, peat, topsoil, and similar materials with densities of 1600 lbs/yd³.



Swinger

Ideal for slope work, grading, and backfilling. The bucket is equipped with two cylinders that provides 45° of rotation in two directions.



Continuous Edge

The Continuous Edge Bucket works well for applications that require a smooth floor such as digging trenches or footings.



PALADIN® OFFERS A FULL RANGE OF EXCAVATOR ATTACHMENTS

Thumbs

Tackle tough material handling jobs with Paladin® Main Pin and Progressive Link thumbs



Couplers

Increase the versatility of your excavator with one of JRB®'s hydraulic couplers



Breakers

Demolish concrete and rock with Paladin's StrikeForce® breakers.



and More...

Delivering specialized solutions to enhance your excavators, CustomWorks® can help standard machines tackle the most rugged applications. CustomWorks® can modify your newly purchased or current equipment at one of four convenient locations, or ship the necessary parts and kits directly to the dealership.



Features

Enhanced Performance

- Dual taper design provides enhanced heel clearance for less resistance and wear during digging
- Long floor design for easier trenching and better filling of the bucket

Superior Wear & Dent Resistance

- AR400 wear resistance plate used to reduce weight & improve wear life
- Use of these quality materials allows the bucket weight to be optimized for better payload



*Areas in red show AR400 wear resistant plate



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HEAVY DUTY QUICK HITCH™ BUCKETS

FOR 2-8mT MINI-EXCAVATORS WITH QUICK HITCH™ COUPLERS

2T

WIDTH (IN)	CAPACITY (FT ³)	# OF TEETH	WEIGHT (LBS)
10	1.06	3	93
12	1.19	3	99
16	1.66	4	121
18	1.93	4	130
20	2.20	4	139
24	2.74	5	165

3T

WIDTH (IN)	CAPACITY (FT ³)	# OF TEETH	WEIGHT (LBS)
10	1.21	3	117
12	1.57	3	124
16	2.34	4	149
18	2.74	4	160
20	3.14	4	171
24	3.94	5	200

5T

WIDTH (IN)	CAPACITY (FT ³)	# OF TEETH	WEIGHT (LBS)
12	1.49	3	133
16	1.95	3	140
18	3.43	4	177
20	3.94	4	189
24	4.99	5	219
30	6.56	5	254

8T

WIDTH (IN)	CAPACITY (FT ³)	# OF TEETH	WEIGHT (LBS)
12	3.17	3	239
18	5.70	4	288
24	8.40	5	346
30	11.20	5	402
36	14.04	6	466



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JR-SS-1120



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HEAVY-DUTY BUCKET

FOR 12-45mT EXCAVATORS



Features

Enhanced Performance

- Optimized profile for better filling & dumping
- Dual taper design provides enhanced heel clearance for less resistance and wear during digging

Increased Capacity

- Improved construction reduces weight up to 10% for larger payloads

Enhanced Durability

- One-piece header design improves load distribution and durability
- Strategic placement of AR400 wear material in the cutting edge, side cutter and bottom corner to reduce wear

The **JRB® Heavy-Duty** series of excavator buckets combines innovative design and advanced materials for the ultimate in job site productivity. Use the JRB® Heavy-Duty Bucket to tackle tough digging and material handling conditions with solid results.

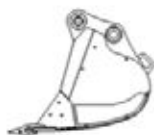


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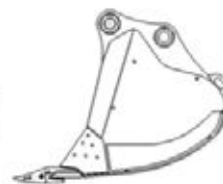
HEAVY-DUTY BUCKET

FOR 12-45mT EXCAVATORS


12T

15T

20T

25T

35T

45T

12T

Width (in)	Rated Capacity (yd³) ISO 7451	# of Teeth	Weight (lbs)
18	0.29	3	785
24	0.44	4	901
30	0.59	4	1,001
36	0.75	5	1,129
42	0.91	5	1,222
48	1.06	6	1,338

Tooth Selections			
Aftermarket	ESCO Ultralok	Deere TK Series	Kmax
J250	U25	TK300	K15

15T

Width (in)	Rated Capacity (yd³) ISO 7451	# of Teeth	Weight (lbs)
24	0.50	4	1,095
30	0.68	4	1,190
36	0.86	5	1,338
42	1.04	5	1,448
48	1.22	6	1,584

Tooth Selections			
Aftermarket	ESCO Ultralok	Deere TK Series	Kmax
J300	U30	TK300	K20

20T

Width (in)	Rated Capacity (yd³) ISO 7451	# of Teeth	Weight (lbs)
24	0.55	3	1,394
30	0.74	4	1,566
36	0.94	5	1,747
42	1.14	5	1,893
48	1.34	6	2,074
54	1.55	6	2,220
60	1.75	7	2,406

Tooth Selections			
Aftermarket	ESCO Ultralok	Deere TK Series	Kmax
J350	U30	TK350	K25

25T

Width (in)	Rated Capacity (yd³) ISO 7451	# of Teeth	Weight (lbs)
24	0.64	3	1,726
30	0.87	4	1,897
36	1.11	5	2,099
42	1.36	5	2,289
48	1.60	6	2,504
54	1.85	6	2,676
60	2.09	7	2,884
66	2.34	7	3,039

Tooth Selections			
Aftermarket	ESCO Ultralok	Deere TK Series	Kmax
J350	U35	TK350	K25

35T

Width (in)	Rated Capacity (yd³) ISO 7451	# of Teeth	Weight (lbs)
30	1.07	3	2,451
36	1.37	4	2,651
42	1.66	4	2,851
48	1.96	5	3,125
54	2.27	5	3,326
60	2.58	6	3,600
66	2.87	6	3,800
72	3.17	7	4,075

Tooth Selections			
Aftermarket	ESCO Ultralok	Deere TK Series	Kmax
J450	U40	TK450	K40

45T

Width (in)	Rated Capacity (yd³) ISO 7451	# of Teeth	Weight (lbs)
30	1.23	3	2,966
36	1.57	4	3,189
42	1.92	4	3,440
48	2.27	5	3,797
54	2.63	5	4,067
60	2.98	6	4,397
66	3.34	6	4,613
72	3.69	7	4,939
78	4.05	7	5,169

Tooth Selections			
Aftermarket	ESCO Ultralok	Deere TK Series	Kmax
J450/460	U45	TK550	K40

Additional options and tooth selections are available. Please refer to the Paladin Full Line Price Book or contact customer service for more information



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