



EXCAVATOR BUCKETS

**Selection,
Innovation,
Performance**

Your One-Stop Shop
for Hydraulic Tools
and Attachments



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.

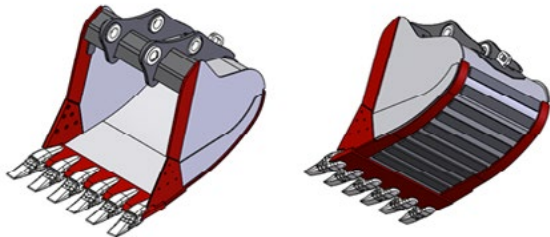
Heavy-Duty Bucket

For 12-45mT Excavators

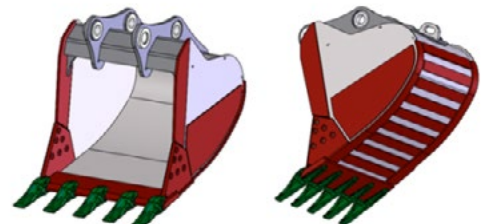
VS.

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

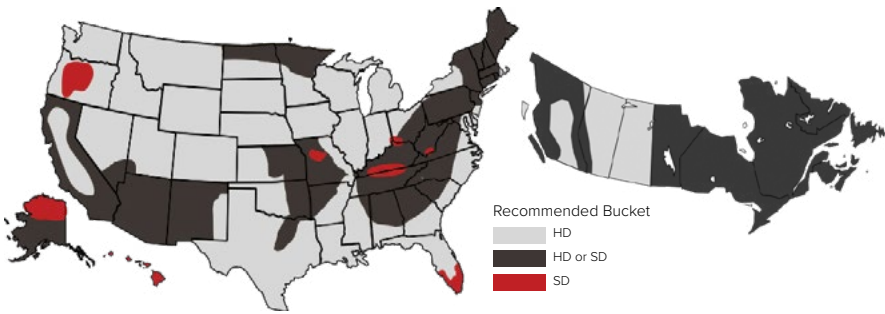
 Higher Purchase Price & Operating Costs

 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.

**SELECTION.
INNOVATION.
PERFORMANCE.**



PALADIN®