



**ISO 9001:2008
CERTIFIED**



**DIG
WITH
TRUST**

GARG'S
[ENGINEERS]

Fabrication & Manufacturing Expert

Excavator, Shovel & Loader Buckets

GARG BUCKETS RANGE

Garg's Engineers Offer wide range of Products:

1	General Duty/General Purpose (GD/GP) Buckets	4	OEM/Special Purpose Custom built Buckets	
2	Heavy Duty (HD) Buckets	5	Backhoe Buckets	7 Tilt Angle Buckets
3	Extreme Duty/Granite or Rock (XD/GR) Buckets	6	Loader Buckets	8 Shovel Buckets

THREE DURABILITY CATEGORIES SUITABLE FOR ANY SITUATION

GARG Buckets Feature Three standard bucket durability categories. Each is based on the Bucket's Intended Durability when used in recommended applications and material.



General Duty / General Purpose GD / GP

- Designed for digging and re-handling in low impact, lower abrasion materials such as dirt, loam, top soil, coal, shot limestone, sand, loose clay soils with low wear characteristic and limited rock content.
- Typically larger General Duty Buckets are the ideal choice for general digging, loading and other dirt-handling applications
- **SAVE TIME** : General Duty Buckets are designed to move large amounts of low-Abrasion material, perfect for production-loading dirt, loam and a mixture of dirt and fine gravel.
- **SAVE MONEY** : Engineered with optimized bucket shape and angles to promote Efficient penetration and material flow, saving you time and more importantly fuel costs.
- **PERFECT MATCH** : Use a bucket engineered specifically for your machine to get the best digging and loading results.

Heavy Duty HD

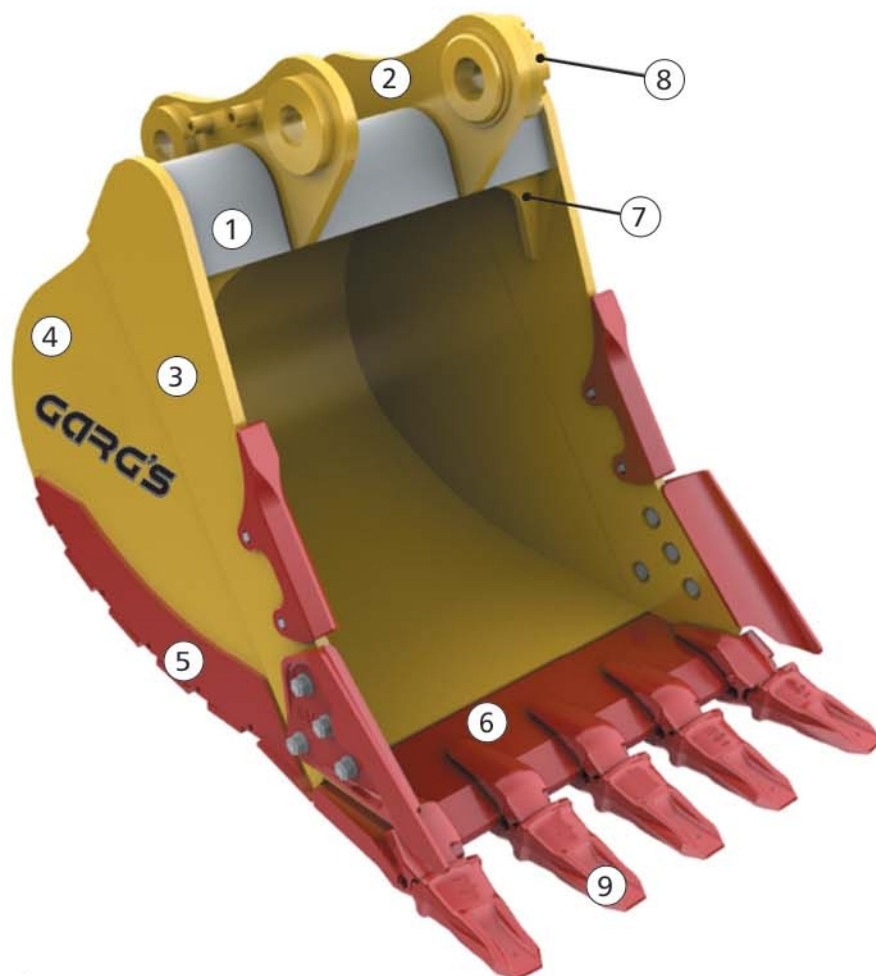
- Intended for Productive Digging in compact materials like loose or blasted rock, hard packed clay and stone. For a wide range of impact & abrasion conditions including mixed dirt, gravel, ripped basalt, caliche, shot granite, high silica sand, sharp rock and other dense materials.
- Heavy Duty Buckets are recommended as starting point for trenching in utilities work where application conditions are not known and for the General Contractor working in a variety of different situations.
- Thicker bottom and side wear plates than GD Buckets for more Durability.
- Side Plates are predrilled for optional sidecutters and side plate protectors.



Extreme Duty (Granite / Rock) XD / GR

- Recommended for very high abrasion and impact conditions such as well shot granite & caliche including high quartzite granite and ores.
- Extreme Duty Buckets are armored with extra protection from abrasion and gouging wear. Side wear plates are about 40% larger than HD Buckets for added protection Against abrasion and gouging wear.
- Bottom wear plates are about 50% thicker than Heavy Duty Buckets.
- Tooth adapters and points are sized to accommodate higher loads and abrasion Conditions.

GR Bucket Constructed for Performance & Durability



1. Bend Covers

Optimized reinforced construction for high and performance matched to the machines power. Made from High Strength steel plates. (SAILMA 350)

2. Lug Plates

Pass through torque tube for better load distribution and durability. Made from High Strength steel plates. (SAILMA 350-450)

3. Side Plates

Pre-drilled to add side plate protection. Made from High Strength steel plates (SAILMA 350-450) or High Abrasive Resistant 400 BHN AR plates.

4. Half Round

Made from High Tensile Strength steel plates. (SAILMA 350)

5. Side Wear Plates

Side plates meet up with bottom wear plates for seamless corner protection. Made from High Abrasive Resistant 400 BHN AR plates.

6. Lip Plate

Straight or "spade" depending on applications. Made from Very High Tensile Strength steel plates (Welten 780) or High Abrasive Resistant 400 BHN AR plates.

7. Gussets

For Maximum Rigidity made from High strength steel plates. (SAILMA 350)

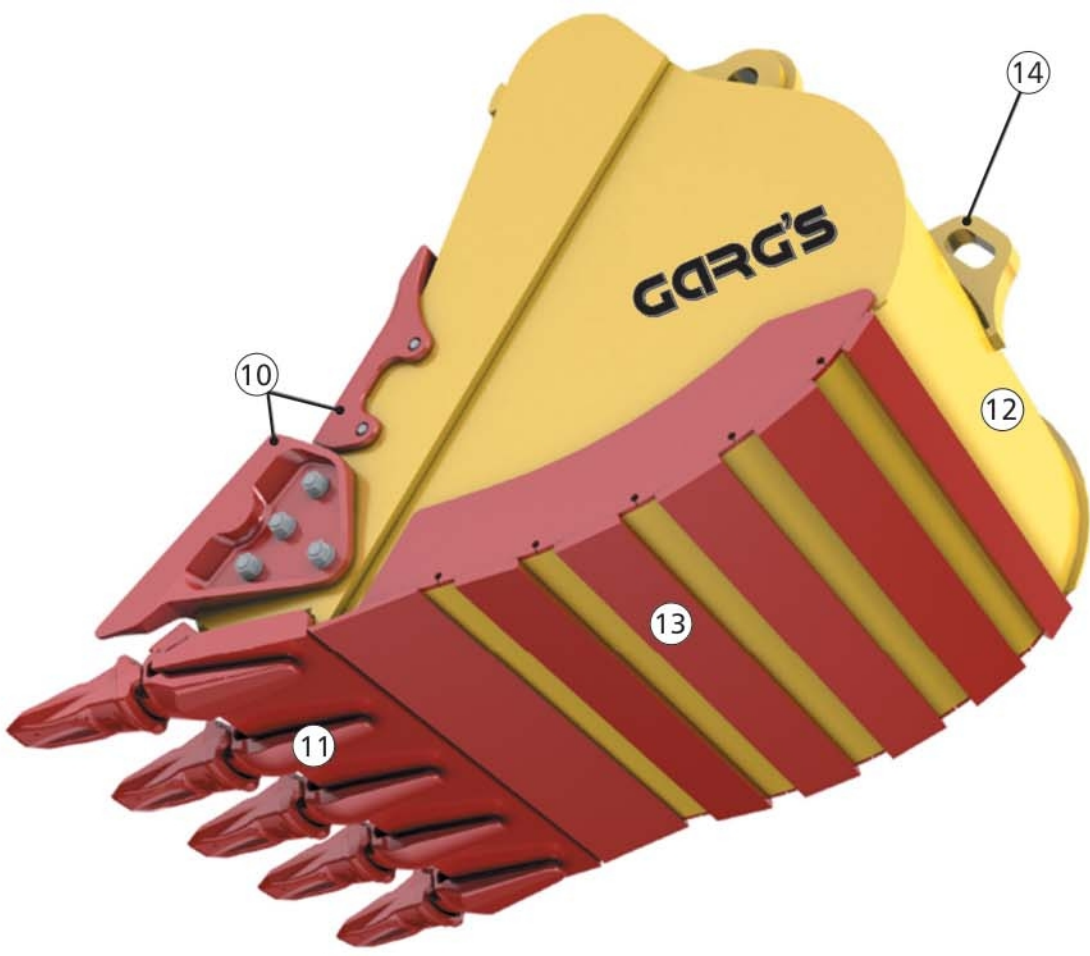
8. Stopper

Allows for easy correction for wear between the stick and bucket. Made from High Strength steel plates. (SAILMA 350)

9. Tooth Points

Forged from High Manganese Steel with properties that maintain hardness for long wear life in tough applications.

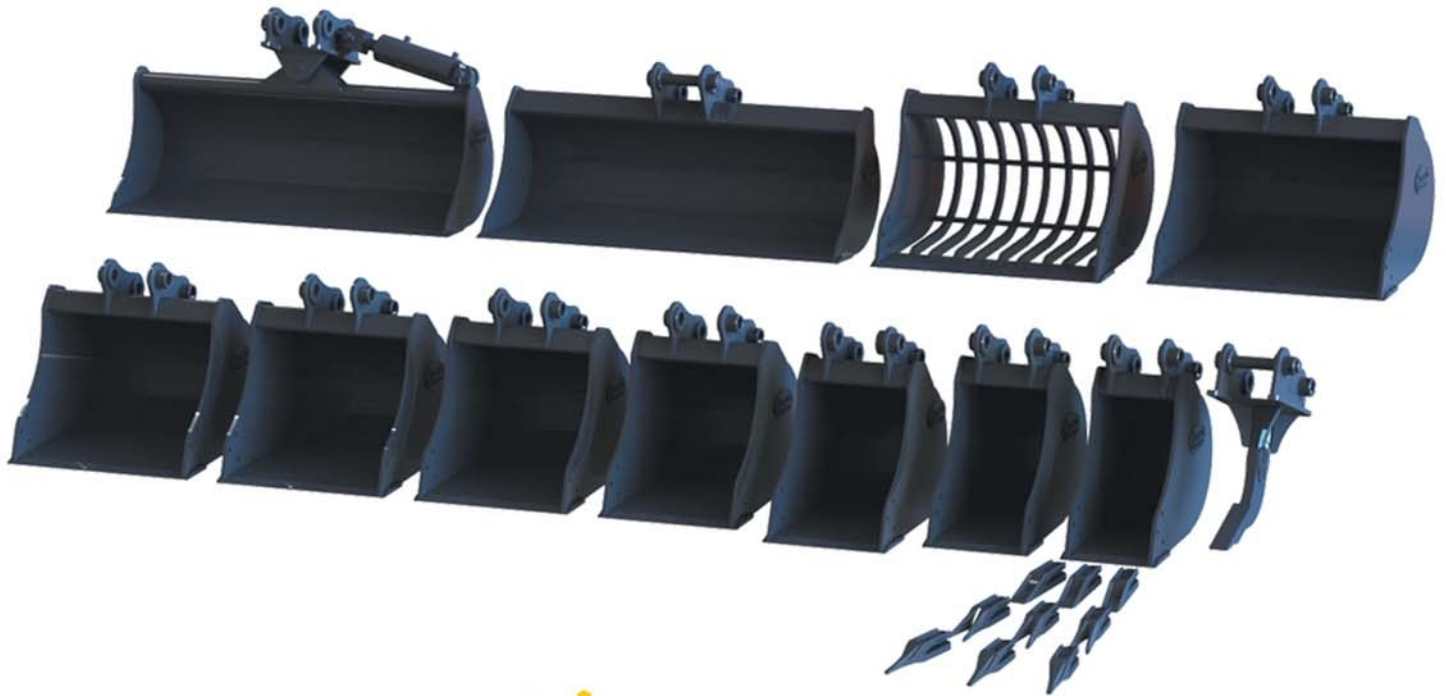
GR Bucket Constructed for Performance & Durability



10. Side cutters & Side Plate Protectors Forged from Steel that maintain hardness for protection & Penetration	13. Horizontal Bottom Wear Plates Protects wrapper area and reinforces bucket for greater strength and rigidity. Easily replaced. Made from High Abrasive Resistant 400 BHN AR plates.	MATERIAL COLOUR CODE 120 BHN High Strength micro alloyed quenched & tempered Steel 350-450 Mpa yield Strength SAILMA 350, SAILMA 450, ST 52.3
11. Tooth Adapters Weldable Forged Steel	14. Lift Eye (Optional) For easy shackle matching (SAILMA 350)	280 BHN High Strength, high tensile, quenched & tempered steel : 600-700 Mpa yield Strenght WELTEN 780, HITEN 780
12. Belly Made from High Strength Steel plates. (SAILMA 350)		400 Brinell, High Strength, abrasion resistant steel : 1000-1100 Mpa yield strength, 3 times more wear resistant than mild steel plates HARDOX 400, AR360

Features Made to Last •Buckets are designed and built guaranteeing quality and durability. •High-strength tempered steel provides durability without requiring thick, heavy plates and gives longer life and larger payloads. •Buckets have upto 50% more wear life when compared to popular competitors. •Buckets offer optimal load distribution when they attach to the machines. •The shape of Bucket is designed with optimal wear, increased load-ability, and reduced maintenance as main considerations.	Performance •Hydraulic Excavators are the industry standard for construction, performance, power and versatility. Our Excavator Buckets match the machine to the job and provide the best possible performance in your particular application. •Whether quarry, construction site or landscaping Garg Buckets focus the full power and performance of the machine on the task at hand and efficiently complete the task. •Customer-pleasing performance is at the heart of each bucket model. A wide range of standard and specialized excavator bucket are available with solution for digging, excavating, loading and finishing.
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Bucket Types we Provide



Product Range We Offer

TATA Hitachi	Capacity CUM	TYPE	L & T Komatsu	Capacity CUM	TYPE	Caterpillar	Capacity CUM	TYPE
TMX 20	0.04-0.12	GD/HD	L & T 72	0.65	GD/HD	311C	0.19-0.5	GD/HD/GR
Ex70	0.1-0.35	GD/HD	L & T 90-3	0.9	GD/HD/GR	312D/312D L	0.35-0.7	GD/HD/GR
Ex100	0.65	GD/HD	L & T 180	1.6	GD/HD/GR	315D L	0.35-0.7	GD/HD/GR
Ex200 LC	0.91	GD/HD/GR	L & T Komatsu Pc71	0.09-0.34	GD/HD/GR	320D/320D L	0.51-1.2	GD/HD/GR
Ex210 LCH-V	1.0	GD/HD/GR	L & T Komatsu PC130-7	0.25-0.8	GD/HD/GR	324D L	0.8-1.1	GD/HD/GR
Ex350 LCH-V SUPER	1.3-1.9	GD/HD/GR	L & T Komatsu PC200-6	0.5-1.17	GD/HD/GR	329D/329D L	1.15-1.86	GD/HD/GR
ZAXIS 50 U-2	0.19	GD/HD	L & T Komatsu PC300LC-7	0.52-1.4	GD/HD/GR	336D/336D L	1.3-2.1	GD/HD/GR
ZAXIS 70	0.13-0.33	GD/HD	L & T Komatsu PC130-7	0.52-1.4	GD/HD/GR	345D/345D L	1.62-3.0	GD/HD/GR
ZAXIS 110	0.19-0.5	GD/HD/GR	L & T Komatsu PC450	1.89-3.0	GD/HD/GR			
ZAXIS 120H	0.35-0.7	GD/HD/GR	Volvo	Capacity CUM	TYPE	JCB	Capacity CUM	TYPE
ZAXIS 200LC	0.51-1.2	GD/HD/GR	EC140B	0.65-1.08	GD/HD	Js140	0.35-0.7	GD/HD/GR
ZAXIS 210LCH	0.8-1.1	GD/HD/GR	EC210B	0.75-1.55	GD/HD/GR	JS200	0.51-1.2	GD/HD/GR
ZAXIS 270 LC-3 HY	1.4	GD/HD/GR	EC240B	1.05-1.98	GD/HD/GR	JS210LC	0.8-1.1	GD/HD/GR
ZAXIS 330 LC	1.15-1.86	GD/HD/GR	EC290B	0.95-2.1	GD/HD/GR	Js211	0.8-1.3	GD/HD/GR
ZAXIS 370 LCH	1.3-2.1	GD/HD/GR	EC360B	1.35-3.0	GD/HD/GR	3CX		GD/HD
ZAXIS 400 LCH-3	1.6-2.0	GD/HD/GR	EC460B	1.8-3.73	GD/HD/GR	3DX		GD/HD
ZAXIS 450 H	1.89-3.0	GD/HD/GR	BL61 Plus		GD/HD	3DX Super		GD/HD
			BL71 Plus		GD/HD	4DX		GD/HD

Popular Excavator Brands we serve

CATERPILLAR	TATA HITACHI Reliable solutions	KOMATSU	KOBELCO	CASE CONSTRUCTION	SANY	KATO
DOOSAN	HYUNDAI CONSTRUCTION EQUIPMENT	VOLVO	SUMITOMO	MITSUBISHI HEAVY INDUSTRIES, LTD.	DAEWOO	JCB

Welcome to GARG'S Engineers



At GARG'S Engineers, our philosophy has always been to understand you and exceed your expectations. While serving you as our most valued customer.

Vision : To Become A World Class Organization Admired For Its Commitment To Deliver Quality Work.

Mission : To Provide Continuously Improve Sustained Quality Products And Services To Our Customers at Competitive Price Thereby Expanding The Business And Profits Of The Company For The Welfare Of Its Employees, Shareholders And Society."



The Brand GARG : Established in 1984, and based in Jamshedpur, GARG is an ISO 9001:2000 company. GARG constantly aspires to reach new heights of excellence. Since its inception Quality & Commitment have been its trademarks. We, at GARG believe in providing customer satisfaction through continuous improvement in maintaining a high degree of quality in our products & services. The Company specializes in Fabrication & Machining of components for construction & material handling equipment's. Our main line production is in the manufacturing of Excavator, Backhoe, & Loader buckets. It is also a leading supplier of fabricated sub-assemblies for construction equipment's. (buckets, frames, arms, crane booms etc.)



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