CRUSHER BUCKET

Anhui Motek Construction Machinery Co.,Ltd.
Motek International Co., Ltd.
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ABOUT US

Anhui Motek Construction Machinery Co., Ltd. was established in 2014 and is located in Hefei, Anhui. It is a national high-tech enterprise and a professional company integrating R&D, production, sales, leasing and technical services of construction machinery accessories.

Since its establishment, our company has been adhering to the philosophy of "integrity-based, responsibility-based, customer success, and win-win ", and continuously provides customers with high-quality products and professional services with stable and reliable quality.

Motek focuses on the R&D and production of construction machinery attachments such as screening buckets, soil improvement products, and crusher buckets. We have formed a sales and service network all over the world with rich industry experience in environmental remediation, solid waste disposal, in-situ solidification and other fields.

Through our company's independently developed innovative patented technologies such as alloy blades, special material blades, drive systems, hydraulic control systems, and years of iterative optimization, our products have excellent stability, reliability, and economy. At the same time, our company can provide customized services based on customer requirements and actual working conditions to satisfy different customers.

CERTIFICATES

We have 1 invention patent, 7 utility model patents, as well as other certificates including CE certificate, ISO 9001, SGS, Safety Production License, Quality Management System Certification and High-tech Enterprise Certificate.

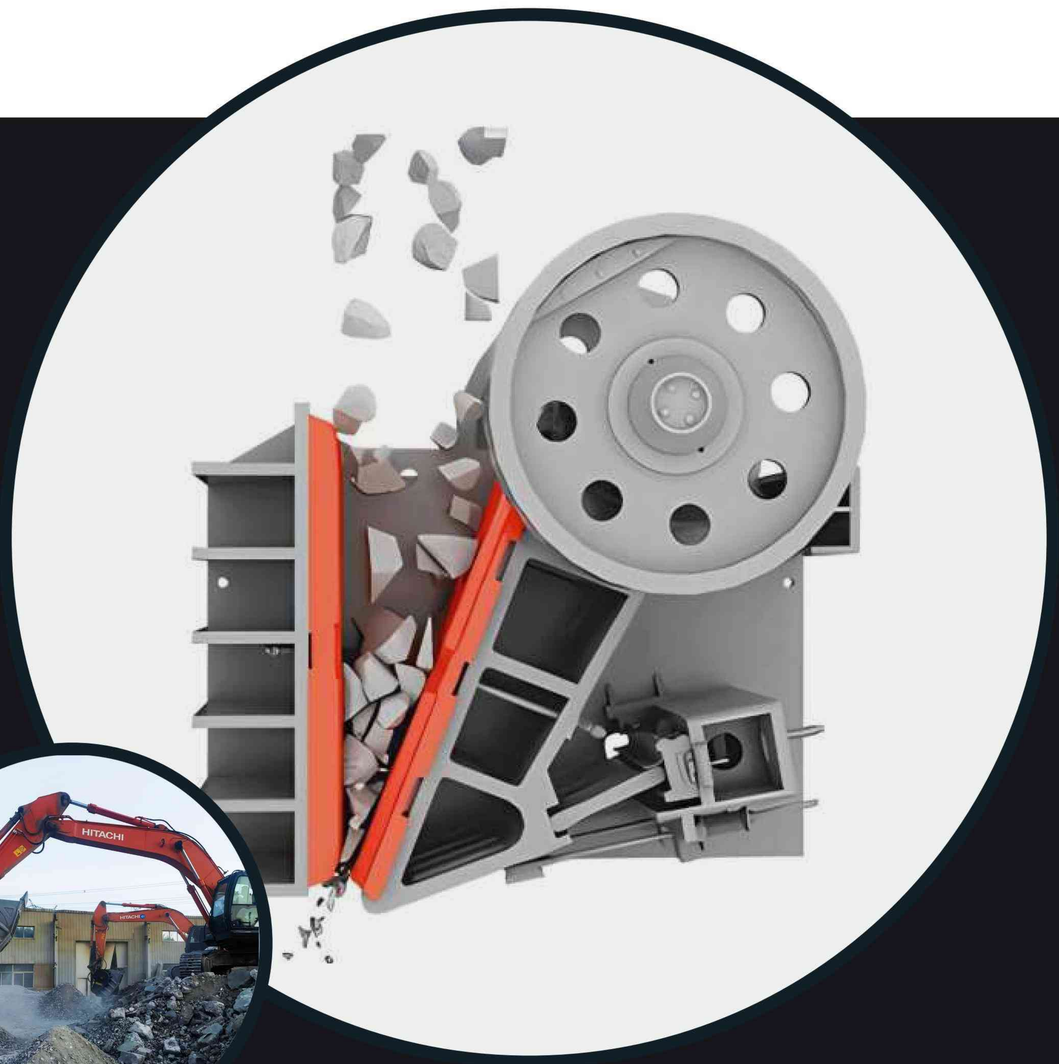
Our products have independent intellectual property rights. The product is designed according to China's high-intensity and high-complexity working conditions and can also meet the needs of international customers.

WORKING PRINCIPLE

The crusher bucket is usually installed on excavators, using the hydraulic power of excavators.

The excavator driver controls the crusher bucket by operating the foot valve in the cab, relying on the strong clamping of the jaw plates to crush the stones.

It is widely used in the crushing of various ores and bulk materials in the mining, smelting, building materials, highways, railways, water conservancy and chemical industries.



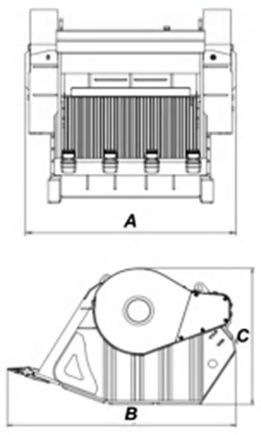
WHY CRUSHER BUCKET?

An excavator installed a crusher bucket which is a small mobile crusher plant with low cost and high mobility.

Crusher buckets can be used for multiple purposes, especially for crushing and recycling building concrete and building roads in mountainous areas, with good flexibility and cost advantages.

SPECIFICATIONS OF MOTEK CRUSHER BUCKET

DIMENSIONS



	MODELS	UNITS	MTC120	MTC200	MTC250	MTC330
	Recommended excavator	ton	≥10≤18	≥18.5≤29	≥21≤32	≥30≤50
	Weight	kg	1700	3200	3700	4800
	Load capacity	m³	0.55	0.85	0.95	1.3
	Pressure	bar	> 220<280	> 220<280	> 220<280	> 220<280
	0il flow rate**	l/min	> 120 < 150	> 150 < 220	> 180 < 220	> 190 < 250
	Mouth width	mm	610	930	930	1220
	Mouth height	mm	430	460	510	510
	Size A	mm	1040	1430	1430	1720
	Size B	mm	1790	2350	2550	2550
	Size C	mm	1170	1550	1750	1750
	PRODUCTIVITY					
CRUSHING OUTPUT ADJUSTMENT	15 mm	m³/h	6.1	10.2	12.2	15
	20 mm	m³/h	6.9	11.5	13.4	16.6
	30 mm	m³/h	7.9	13.1	15.6	19.5
	40 mm	m³/h	9.2	15.4	18	22
	50 mm	m³/h	10.2	17	20.3	25
	60 mm	m³/h	11.6	19.3	22.7	27.6
	70 mm	m³/h	12.7	21.2	25	30.8
	80 mm	m³/h	14.0	23.3	27.5	33.5
	90 mm	m³/h	15.3	25.5	29.8	36
	100 mm	m³/h	16.6	27.6	32	39
	110 mm	m³/h	17.7	29.5	34.5	41.8
	120 mm	m³/h	19.0	31.7	37	45
	130 mm	m³/h	20.2	33.6	39	47.2
	135 mm	m³/h	-	35.1	41	48.6
	140 mm	m³/h	-	-	42	50
	145 mm	m³/h	-	-	-	53.5

ADVANTAGES OF MOTEK CRUSHER BUCKET

01 Motek crusher bucket drives by belt, which reduces the damage of crushing vibration to the hydraulic system

02 The excavator can work with a single pump to operate Motek crusher bucket, without the need for dual pump confluence.

03 The installation is simple and convenient, no need to be connected to forward and reverse rotation, normal crushing hammer pipelines are sufficient.

the opening

04 The opening width and height of Motek crusher bucket are the largest in China, with high output.

05 The excavator can work with low working pressure, 23MPA hydraulic pressure can achieve high-yield crushing

06 Even if the jaw plate is worn, the shape and size of the output can be guaranteed same as customers demands.

07 The efficient hydraulic system of Motek crusher bucket can ensure that the hydraulic system of the excavator does not overheat even in harsh high temperatures or high-intensity continuous operations.

APPLICATION AREAS:

MOTEK CRUSHER BUCKET

Powerful On-site Crushing, Efficient & Reliable

Compatible with excavators of various tonnages; features stable, hydraulically driven output. Equipped with a belt-driven shock absorption and protection system; offers high energy efficiency at low pressure and allows for convenient installation.Versatile application across multiple scenarios: road construction,urban development, tunneling and mining,etc.

MTC200 in Asphalt Crushing

MTC200 in Concrete Crushing

MTC330 in Construction Waste Crushing

MTC120 in Bluestone Crushing

PACKING &TRANSPORTATION

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