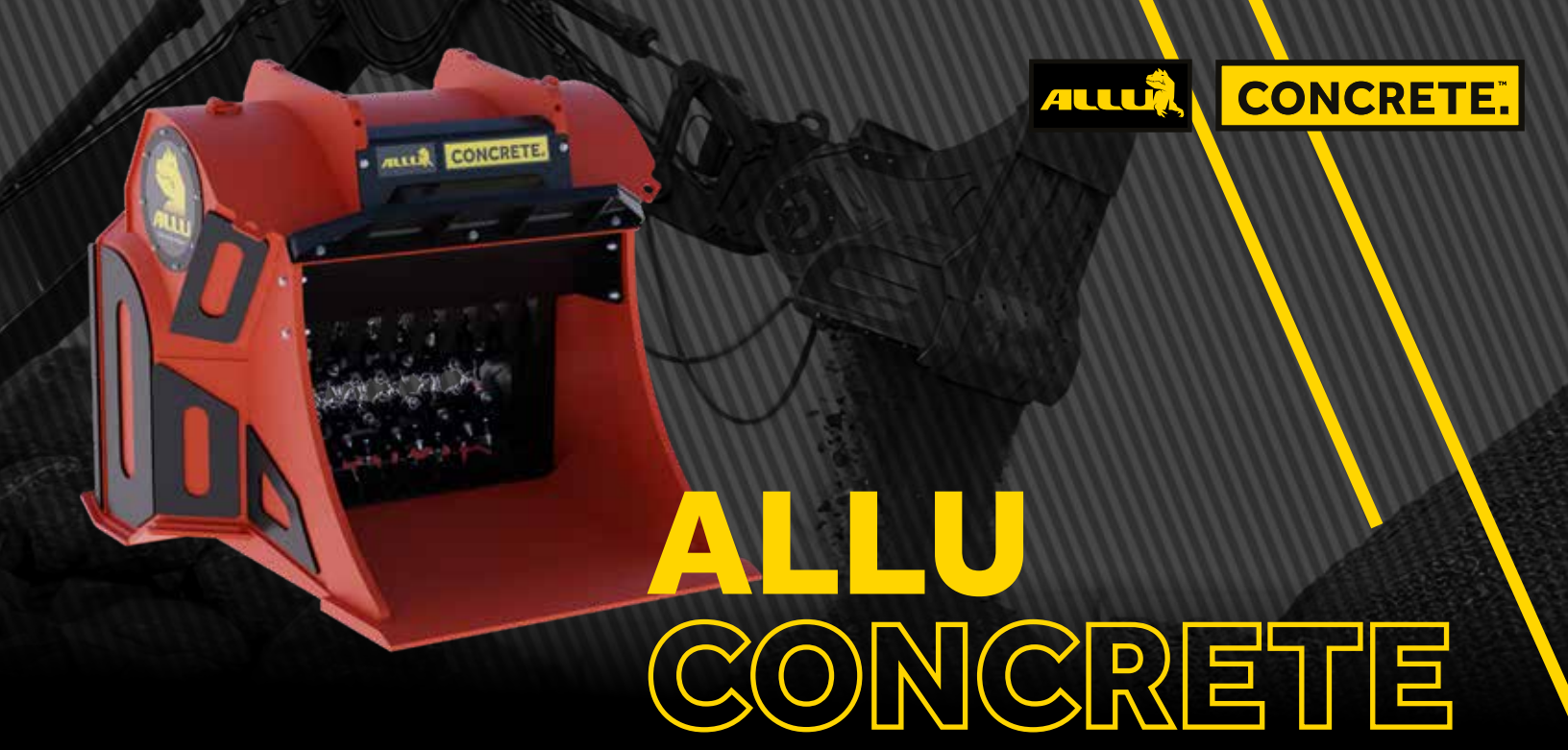

ALLU CONCRETE

Handle rebar demolition waste on-site

The ALLU Concrete Bucket is built to crush and screen tough demolition material like concrete and bricks right where it's generated. It's a straightforward way to turn bulky rubble into usable material on-site, without relying on a separate mobile crusher for every job.

Feed the bucket with demolition rubble up to 12in and it processes material quickly and consistently. Output size is controlled with the counter blade setup, so you can target either a finer 0–2in fraction or a coarser 0–4in product depending on what the job needs. In the right material, you can reach up to 110 US t/h.

Process rubble faster

Up to 110 US t/h

For mixed demolition waste

Rebar, steel, bricks, fines

Two output sizes

0-2in or 0-4in

Rebar and steel? No problem.

On demolition and recycling sites, time is money, and space is usually limited. The Concrete Bucket helps reduce hauling and double handling by letting you crush and screen directly on the excavator. It's also designed to keep working in real-world feed conditions - ALLU Concrete Bucket is designed to handle rebar or other steel objects mixed in the material.

MODEL	EXCAVATOR	MAX. PRESSURE
	lbs	psi
DHC 3-12	55,000 - 100,0000	4,600

VOLUME	OIL FLOW	WEIGHT	DRUM REVS.	MOTORS
cu yd	gpm	lbs	rpm	cc
0.9-1.3	90-105	5,500	200-250	2xMAV800

Visit website

ALLU
One Step Ahead

Replace or feed - a practical replacement for a mobile crusher on smaller or space-restricted sites. Second, as a pre-crushing tool that prepares feed for a mobile crusher and helps increase the overall capacity of the crushing line.

Don't stop for rebar - the Concrete Bucket is designed to handle rebar or other steel objects mixed in the material. Metal in the mix won't stop your processing.

Heavy duty frame - it's engineered for demanding excavator applications. It features a heavy-duty frame and cutting edge (1.57in cutting edge with 1.2in side cutters), designed to withstand the breakout forces of excavators up to 100,000 lbs.

HOW IT WORKS

In the primary processing phase, the fines are efficiently screened out as the material rotates inside the bucket. Two-way rotation allows optimal material flow from the start to finish.

Fines pass the drums easily while bigger objects are moved towards the top crushing plates. Powerful drums with carbide picks crush the objects.

Changing the drum rotation reverses the material flow and utilises the bottom crushing plates.

Opposite blade direction in the bottom drum eases crushing against the lower plates. Two-way rotation ensures even material distribution and prevents blockages.

Crushing drums built for concrete

The ALLU Concrete Bucket uses three rotating crushing drums fitted with replaceable conical picks with carbide heads and 20 mm / 0.8in round shanks. Built for hard demolition material, the drum design supports fast, aggressive crushing while keeping wear parts easy to replace when the job gets demanding.

Watch it work!

"We've been extremely happy with the end result. The production capacity is remarkably higher than with a jaw crusher attachment and only 5,500 lbs weight makes it stable to handle and you can reach further with 77,000 lbs excavator"

Jonathan Bjon, CEO, Ursa Demolition