

CRUNCH



Allied takes
a bite
out of
tough jobs.



Have you ever heard of a Concrete Cruncher? It's a boom-mounted attachment that can demolish concrete or rebar in seconds. But, it's not a replacement for hydraulic demolition hammers.

When do you use a Concrete Cruncher? When do you use a hammer? Take this test to see if you would make the right choice.

- | | CRUNCH | BREAK |
|---|--------------------------|--------------------------|
| 1. Overhead demolition of a bridge structure. Crunch or break? | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Flat surfaces, such as slab concrete floors or pavement. Crunch or break? | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Bridges, building columns or other circular structures under 59" in thickness? | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Demolish part of a concrete wall, preserving the remainder. Crunch or break? | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Vibration could damage steel beams on this demolition job. Crunch or break? | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Is the job in an urban area that requires low noise levels? | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. This job calls for demolishing rock and concrete. Crunch or break? | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. Frozen ground must be broken for the repair of a water main. Crunch or break? | <input type="checkbox"/> | <input type="checkbox"/> |

Correct Answers:

CRUNCH; It's easy and fast to position the Concrete Cruncher in overhead work.

BREAK; the Cruncher needs an "edge" for jaws to grab. Flat surfaces call for breaking with a Hy-Ram hammer.

CRUNCH; the Cruncher's jaws can quickly encircle a column and crush it with one motion.

CRUNCH; the Cruncher can demolish selectively, with no damaging shocks or cracks to an entire structure.

CRUNCH; there is little if any stress or recoil involved with a Concrete Cruncher.

CRUNCH; there is almost no noise with a Concrete Cruncher.

BREAK; because of trench rock's high density strength—it can only be broken with a hammer.

BREAK; frozen ground can be broken much more productively with a Hy-Ram hammer.

Concrete Cruncher™

Allied's High Performance Crushing Jaws

Cruncher Features

- Superior Stability — the jaws' weight is centered so that gravity does not cause uncontrollable swing. Also, the Cruncher's twin-cylinders are mounted around a rotating mechanism so balance is further enhanced.
- Twin Cylinder Design — compact, lightweight; allows for quick cycle times, maximum penetration. Cylinders protected by a cover at all times.
- High Frequency Cylinder Rod — has few inner parts. Its unique seal design reduces cylinder wear and maintenance.
- Two Moving Jaws — close completely so that secondary breaking is unnecessary. More efficient than a single jaw which butts against a stationary jaw.
- Rebar Cutter — cuts steel at same time as concrete is demolished, no need to use a torch. The Cruncher also features two cutting points — at top and middle of jaw.

Cruncher Applications

Use Crunchers for bridge decks, beams, parapets, concrete pillars and columns, retaining walls and highway medians. It's perfect for jobs where noise and vibration are restricted.

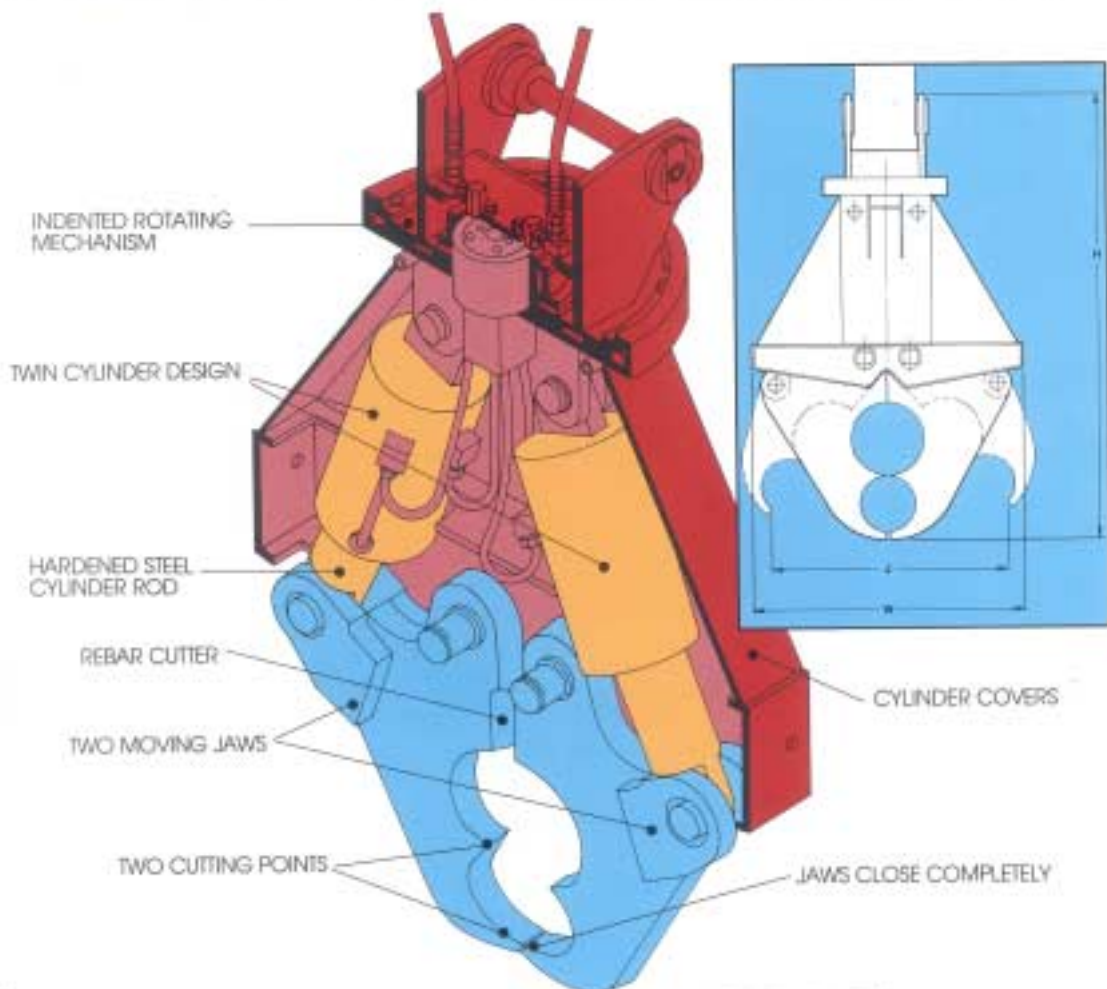
With a compact, lightweight design, Concrete Crunchers are easily adaptable to small carriers for working in confined areas. This design also increases the carrier's stability for overhead or long-reach applications.

In addition, the large-size Crunchers are ideal for big, tough demolition jobs — they can grasp concrete up to 59" in thickness.

Cruncher Installation

Carriers ranging from 6 to 40 tons can be equipped with a Concrete Cruncher. With adapter hardware, installation on medium to large size backhoes and excavators is simple. Once installed, the Cruncher is ready for smooth, easy operation.

For sales and service contact your Allied Distributor:



Allied offers a full line of Crunchers for various carriers and applications.

SPECIFICATIONS				
MODEL	ACC24	ACC35	ACC39	ACC59
Weight				
lbs	1235	3750	4630	7718
kg	560	1700	2100	3501
Height (H)				
in	55	79	83	108
mm	1400	2000	2100	2750
Width (W)				
in	36	51	51	71
mm	910	1300	1300	1800
Jaw Opening (J)				
in	0-24	0-35	0-39	0-59
mm	0-600	0-900	0-1000	0-1500
Crushing Force: Top/Center				
lbs	66,000/ 124,000	172,000/ 254,000	269,000/ 346,000	361,000/ 465,000
metric tons	30/56	78/115	122/157	164/211
Hydraulic Pressure				
psi	2490-4550	3550-4550	3550-4550	3550-4550
kg/cm ²	175-320	250-320	250-320	250-320
Carrier Bucket Size				
yd ³	33-52	59-91	92+	156+
m ³	25-40	45-70	70+	120+
Carrier Weight (min.)				
lbs	12,000-16,000	30,000-40,000	40,000-60,000	70,000-80,000
kg	5455-7273	16,636-18,182	18,182-27,273	31,818-36,367
Length of Bar Cutter				
in	33	67	63	40
mm	90	170	160	102

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Allied has a policy of continuous product improvement and reserves the right to change specifications, design or price, anytime without notice. See dealer for details.

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