



# **ALLU CRUSHER** **PRODUCT CATALOGUE.**

**ALLU** 

**CRUSHER.**

[ALLU.NET](http://ALLU.NET)

# ALLU CRUSHER FEATURES & BENEFITS.



1. Main frame
2. Upper jaw
3. Crushing plates - top crushing plate; safe and easy
4. Streamline wear resistant frame - no external parts for long lasting operational life
5. Angled side and tip plate - provide a rigid frame, reduce the wear and provide a higher crushing filling rate
6. Pin adjustable and changeable fragment size - fastest in the field
7. Protected belt drive - maintenance free no adjustment

## BENEFITS

- Higher excavator utilization rate
- Less material sent to landfills meaning less expenditure
- Reduce pollution through decreased transportation and fuel costs
- A mobile crusher that is easy to handle, even in tight and limited areas
- Quickly to put into operation
- No need for logistics or permissions
- Easy to change fragment size



# ALLU CRUSHER

## FEATURES & BENEFITS.

The ALLU Crusher is a series of crushing attachments designed for excavators from 4 to 42 Tons. The series includes 6 different models, designed to crush a variety of materials directly on-site.

The ALLU Crusher is designed to be efficient in every situation. The sides of the crusher are straight, and the tip plate is angled. That makes it easier to fill with material and difficult to damage the ALLU Crusher. The bend side plates add overall strength to the bucket frame construction without adding weight.

The flywheel and belt drive are placed inside the unit to keep them safe from wear. Changing the fragment size has been made as easy as possible. It is changed easily and quickly with the pin adjusted method. You have up to 16 different fragment sizes available on six models.

With the bottom eccentric jaw movement, you can expect the material to flow freely through the jaws. This increases the capacity of the material output, making it superior to the competition. The jaw on the ALLU Crusher can be run in both directions which helps to avoid jamming or bridging of the material, even with wet materials.



### TECHNICAL SPECIFICATIONS - Metric

|                             | AC 5-17FD | AC 8-15       | AC 10-16      | AC 20 - 22    | AC 25-37      | AC 30-47      |
|-----------------------------|-----------|---------------|---------------|---------------|---------------|---------------|
| Excavator size (t)          | 4-6       | 8-11          | 10-14         | 15-22         | 23-35         | 28-38         |
| Weight (kg)                 | 1750      | 1400          | 1835          | 2560          | 4000          | 5540          |
| Operating Pressure (MPa )   | 24        | 25            | 25            | 25            | 25            | 25            |
| Max. Operation Flow (Lmp)   | 90        | 80            | 95            | 160           | 180           | 200           |
| Loading Capacity (m³)       | 0,4       | 0.35          | 0.35          | 0.5           | 1             | 1.2           |
| Crushing Cam Opening (h)    | 360       | 260           | 370           | 370           | 370           | 440           |
| Output Size Regulation (mm) | 0-75      | 0-16 to 0-200 | 0-16 to 0-200 | 0-16 to 0-200 | 0-16 to 0-200 | 0-16 to 0-200 |

### TECHNICAL SPECIFICATIONS - Imperial

|                             | AC 5-17            | AC 8-15         | AC 10-16        | AC 20 - 22      | AC 25-37        | AC 30-47        |
|-----------------------------|--------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Excavator size              | 9000-13000         | 18000-24000     | 22000-31000     | 33000-49000     | 51000-77000     | 62000-84000     |
| Weight (lbs)                | 3860               | 3090            | 4050            | 5640            | 8820            | 12210           |
| Operating Pressure (psi )   | 3480               | 3630            | 3630            | 3630            | 3630            | 3630            |
| Max. Operation Flow (gpm)   | 24                 | 21              | 25              | 42              | 48              | 53              |
| Loading Capacity (cu yd)    | 0,52               | 0,46            | 0,46            | 0,65            | 1,3             | 1,6             |
| Crushing Cam Opening (in)   | 14.2               | 10.2            | 14.6            | 14.6            | 14.6            | 17.3            |
| Output Size Regulation (in) | 0-0.63 to (6 step) | 0-0.63 to 0-7.9 | 0-0.63 to 0-7.9 | 0-0.63 to 0-7.9 | 0-0.63 to 0-7.9 | 0-0.63 to 0-7.9 |



AC 8 - 15

AC 10 - 16

AC 20 - 22

AC 25 - 37

AC 30 - 47



## ALLU SKID STEER CRUSHER

Thanks to the dynamics of the movement of our mobile jaw, this crusher model supports crushing in 2 directions, "forward" and "reverse". Work in "forward" mode: it is suitable for dry material and larger pieces.

Work in "reverse" mode: you get better results on wet material and especially on asphalt, keeping the jaws clean of material that sticks to them.

The operator can easily choose the most suitable mode to grind and switch immediately if necessary.

The **change of granulometry** is fast, with a crushed material output range between 0 and 80 mm.

We have added a **new system of dampers**, thus achieving a very important acoustic reduction, as well as a lower vibration of the base machine.

The **direct drive** of the hydraulic motor reduces mechanisms and it is free of belts, and reducing the maintenance requirements.

The end result is a tireless crusher that offers you **much higher productions than expected** in this type of base machine.



## ALLU CRUSHER & ALLU TRANSFORMER.

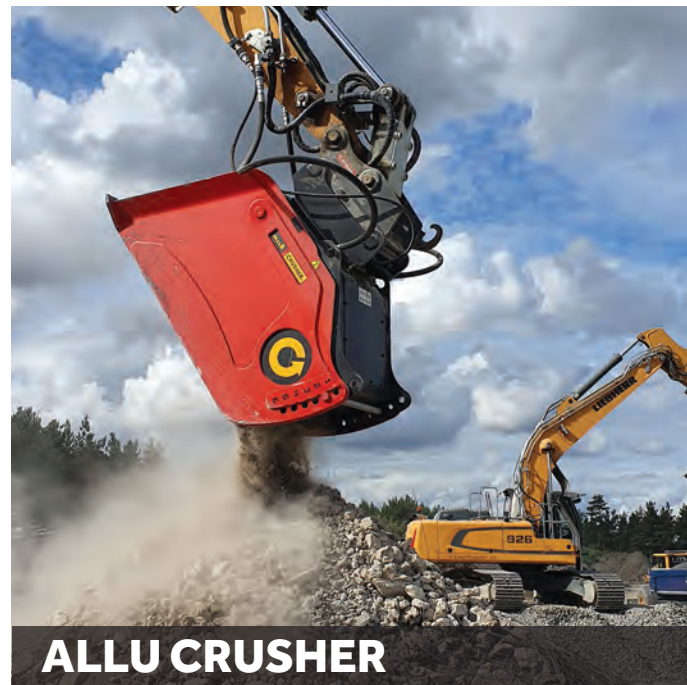
The ALLU Transformer is a hydraulic attachment for wheel loader, excavator or skid steer. It screens, pulverizes, aerates, blends, mixes, separates, feeds and loads materials in a one step process. From topsoil, excavated soil and contaminated soil, to clay, peat, bark and compost, bio-waste, demolition waste, and construction waste, to milled asphalt, coal, oil shale, and limestone.

# TRANSFORMING YOUR PROCESS. YOUR MACHINES AND YOUR EFFICIENCY.

The ALLU Crusher and ALLU Transformer support each other. Both functions are often needed at the same job site and are complimentary. By pre-screening the material with the ALLU Transformer the capacity of the ALLU Crusher will increase, as the fine material has been screened away. If the material is wet, fine material often tends to clog. This causes jamming and bridging. Furthermore, the quality of the desired end product will significantly improve. Re-use of pre-screened material; can be utilized as fill material.



**ALLU TRANSFORMER**



**ALLU CRUSHER**

## BENEFITS OF USING THE ALLU TRANSFORMER AND ALLU CRUSHER AT THE SAME JOB SITE:



One base machine and operator needed



Low investment costs



Full mobile solutions to any job site



Process the fine materials first with the ALLU Transformer and hard materials with the ALLU Crusher - increasing the overall capacity



Less landfill payments - lower dumping costs

# ALLU AROUND THE WORLD.

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