We are Xcentric. Better. Faster. Stronger.

XCENTRIC CRUSHER

Front crusher XC5F

for skid steers, telehandlers and backhoes

www.xcentricripper.com

Small crushing jobs are always a big challenge

Clients from the most advanced countries in **recycling materials on site** demand crushers for their machinery. Usually, the types of machines they use are skid steers, telehandlers and backhoes.

In response to this demand, we have developed our first **front crusher** model, the **XC5F**. During the development the best balance was sought between maximum power offered by the excavator and greater input size capacity in the crusher.

The result after intensive use of the crusher in all type of conditions, was to make possible to work with flow rates of 90 l/min. and pressures ranging between 16 MPa and 24 MPa.

The material input capacity is w 810 mm x h 360 mm, this allows practically all the material to be ground in this type of work to be directly admitted by the crusher without having to previously reduce its size.

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 clearly better results on wet material and especially on asphalt, keeping the jaws clean of material that sticks to them. The change from “forward” to “reverse” is immediate from the joystick of the excavator, achieving with the combination of these working modes, under the operator’s choice, a great performance in each cycle. 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 excavator. These dampers are manually adjusted after changing from one granulometry to another, without any type of tool.

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

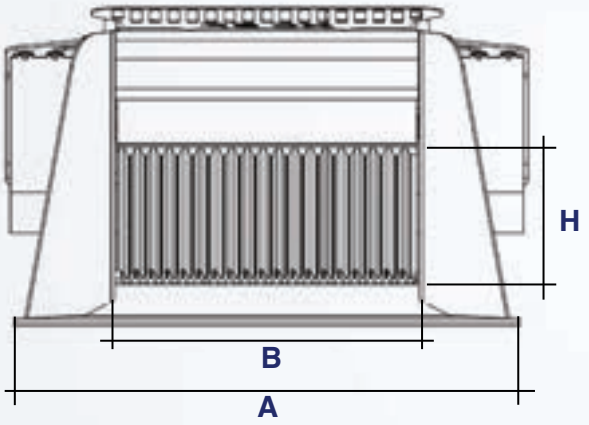
It requires greasing every 8 hours of work in 6 points perfectly located in the upper part of the crusher.

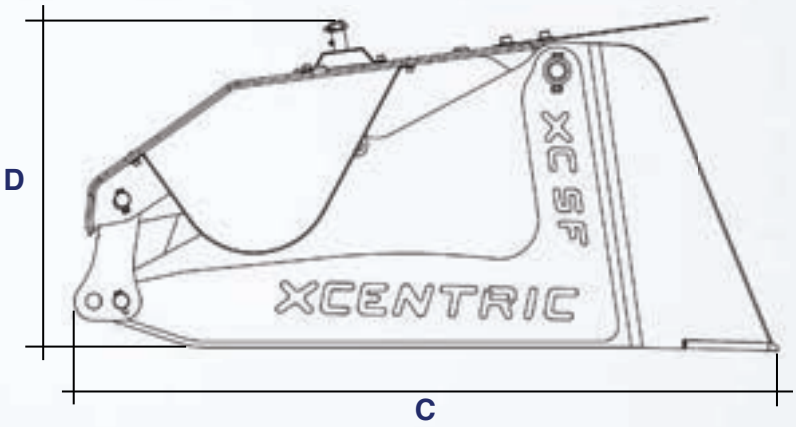
As in the rest of our models, replacing the jaws is very quick and easy, as the crusher opens completely to a comfortable position for this purpose.

Due to the limited loading angle of the bucket, in skid steer loaders we have taken great care with the structural design to make the most of it.

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

TECHNICAL SPECIFICATIONS		XC5F
Skid steer	**Tn.**	4 - 6
Weight (top plate not included)	**kg**	1.700
Operation pressure	**MPa**	24
Maximum operation flow	**L/min**	90
Hydraulic circuit		Shear mode
Loading capacity	**m^3**	0,4
External width (A)	**mm**	1.360
Internal width (B)	**mm**	810
Length (C)	**mm**	1.800
Height (D)	**mm**	780
Crushing cam opening (H)	**mm**	360
Output size regulation	**mm**	0 - 80 (6 steps)





Xcentric Crusher - XC5F Advantages

- ✔ Recycling materials on site
- ✔ Unquestionably profitable production volumes
- ✔ New system of dampers: very important acoustic reduction
- ✔ Direct drive of the hydraulic motor (“direct drive”): reduces mechanisms
- ✔ Minimum and easy maintenance
- ✔ Input capacity for big material
- ✔ Fast and efficient change of granulometry
- ✔ It supports crushing in 2 directions: “forward” and “reverse”
- ✔ Very careful structural design
- ✔ Very fast and easy jaw replacement

XCENTRIC CRUSHER

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