

We are Xcentric. Better. Faster. Stronger.



High Performance

in rock crushing and recycling of materials

www.xcentricripper.com

The new vision of the crusher bucket

In November 2014, Xcentric Ripper International develops the double-shaft crushing bucket **Xcentric Crusher**, reaching unthinkable levels of productivity at that time.

October 2019, with endless hours of development and countless experiences around the world, the “**Series A**” goes on the market with numerous improvements over the previous model:

- The new *granulometry adjustment system* offers rapid change, together with a greater possibility of output sizes.
- The *flow control valve* makes the equipment easily interchangeable between excavators, with a very low risk of failure in case of poor hydraulic adjustment.
- The *replacement of the jaws* in case of wear is now very easy, since the bucket can be opened completely to perform this operation.

TECHNICAL SPECIFICATIONS		XC8	XC9	XC13	XC19
Excavator size	Tn.	8 - 11	10 - 13	13 - 16	16 - 21
Weight (top plate not included)	kg	1.400	1.835	2.165	2.560
Operating pressure	MPa	25	25	25	25
Maximum operation flow	L/min	80	90	120	160
Hydraulic circuit		Shear mode	Shear mode	Shear mode	Shear mode
Loading capacity	m ³	0,35	0,35	0,42	0,5
External width (A)	mm	850	930	930	1.100
Internal width (B)	mm	660	730	730	900
Length (C)	mm	1.670	1.700	1.940	1.940
Height (D)	mm	880	930	1.000	1.040
Crushing cam opening (H)	mm	h 260	h 370	h 370	h 370
Output size regulation	mm	0-16 to 0-200	0-16 to 0-200	0-16 to 0-200	0-16 to 0-200

TECHNICAL SPECIFICATIONS		XC21	XC24	XC29	XC5F *
Excavator size	Tn.	20 - 25	24 - 33	28 - 38	4 - 6
Weight (top plate not included)	kg	3.500	4.000	5.540	1.700
Operating pressure	MPa	25	25	25	24
Maximum operation flow	L/min	160	180	210	90
Hydraulic circuit		Shear mode	Shear mode	Shear mode	Shear mode
Loading capacity	m ³	0,7	1	1,2	0,4
External width (A)	mm	930	1.075	1.280	1.360
Internal width (B)	mm	730	900	1.100	810
Length (C)	mm	2.480	2.480	2.620	1.800
Height (D)	mm	1.250	1.305	1.360	780
Crushing cam opening (H)	mm	h 370	h 370	h 440	360
Output size regulation	mm	0-16 to 0-250	0-16 to 0-250	0-16 to 0-250	0 - 80 (6 steps)

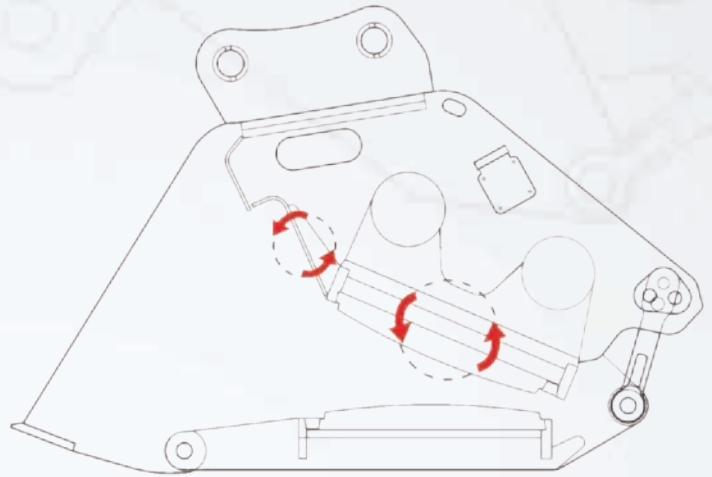
* XC5F, for skid steers, telehandlers and backhoes.

High performance Crusher Bucket

A **new technology** has been developed for the manufacturing of the **Xcentric Crusher**, with which we have managed to achieve profitable production levels for crusher buckets.

The increase in production per hour, with long maintenance intervals (lubrication 50 hours), and a powerful heart that provides the necessary reliability to work with it constantly, makes out of the **Xcentric Crusher** a machine that will turn profitable your stone crushing or recycling materials processes.

This is possible thanks to the **Patent-Pending Technology** that applies a high inertia power train, circular jaw movement, as well as a new and easy antiestagnation plate, which prevents large shredding pieces from getting stuck in the bucket's mouth, not allowing them to enter the crushing jaws.



The granulometry adjustment is easy and intuitive, which enables a quick variation.

Watch video for granulometry adjustment on our YouTube channel: www.youtube.com/xcentricripper

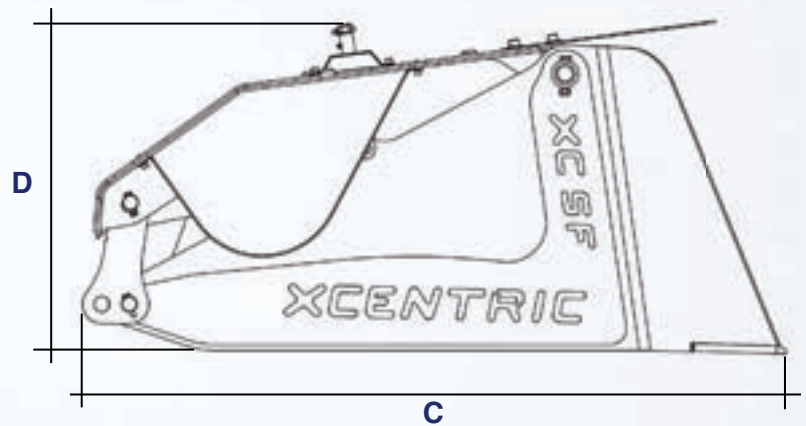
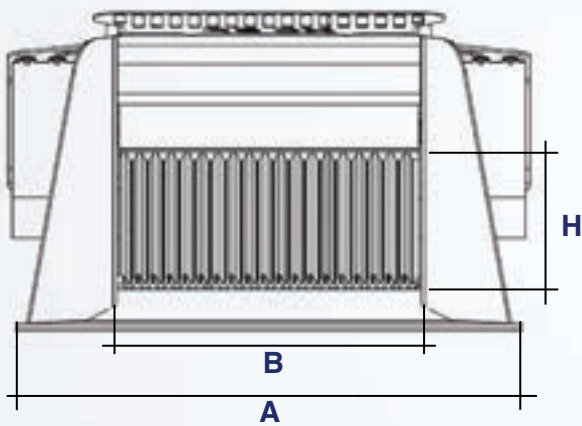
TECHNICAL SPECIFICATIONS		XC15	XC17
Excavator size	Tons	13 - 15	16 - 20
Weight (without top plate)	kg	2.000	2.000
Operating pressure	MPa	32	25
Operating Flow	L/min	110	155
Max. drain pressure	MPa	0,4	0,4
Hydraulic circuit		Double effect	Double effect
Loading capacity	m ³	0,5	0,5
External width	mm	930	930
Internal width	mm	730	730
Length	mm	2.050	2.050
Height	mm	1.200	1.200
Crushing size	mm	20 - 90	20 - 90
Jaw opening	mm	400	400

TECHNICAL SPECIFICATIONS		XC20	XC30
Excavator size	Tons	20 - 25	24 - 35
Weight (without top plate)	kg	2.500	3.750
Operating pressure	MPa	25	25
Operating Flow	L/min	175	190
Max. drain pressure	MPa	0,4	0,4
Hydraulic circuit		Double effect	Double effect
Loading capacity	m ³	0,8	1
External width	mm	900	1.070
Internal width	mm	730	900
Length	mm	2.465	2.575
Height	mm	1.300	1.400
Crushing size	mm	20 - 140	20 - 140
Jaw opening	mm	420	420

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 benefits

- ✓ Higher profitability than mobile crushers
- ✓ Minimal maintenance (greasing every 50 h.)
- ✓ High inertia Power train
- ✓ Circular jaw movement (pat. pending)
- ✓ Antiestagnation plate (pat. pending)
- ✓ Simple and fast granulometry adjustment system.
- ✓ Anti-skid Transmission
- ✓ Made in Hardox 400
- ✓ Cross Jaws: with the circular motion, allows crushing wet material
- ✓ Double Effect: can be unstuck without emptying it.
- ✓ Flywheels inside, protected by the housing.
- ✓ Lopsided loading mouth edges: prevent wear and fracture



XCENTRIC RIPPER INTERNATIONAL, S.L.

Arriurdina, 15. · 01015 Vitoria-Gasteiz (Spain) · Tel.: +34 945 290 555

www.xcentricripper.com