



# CAYMAN

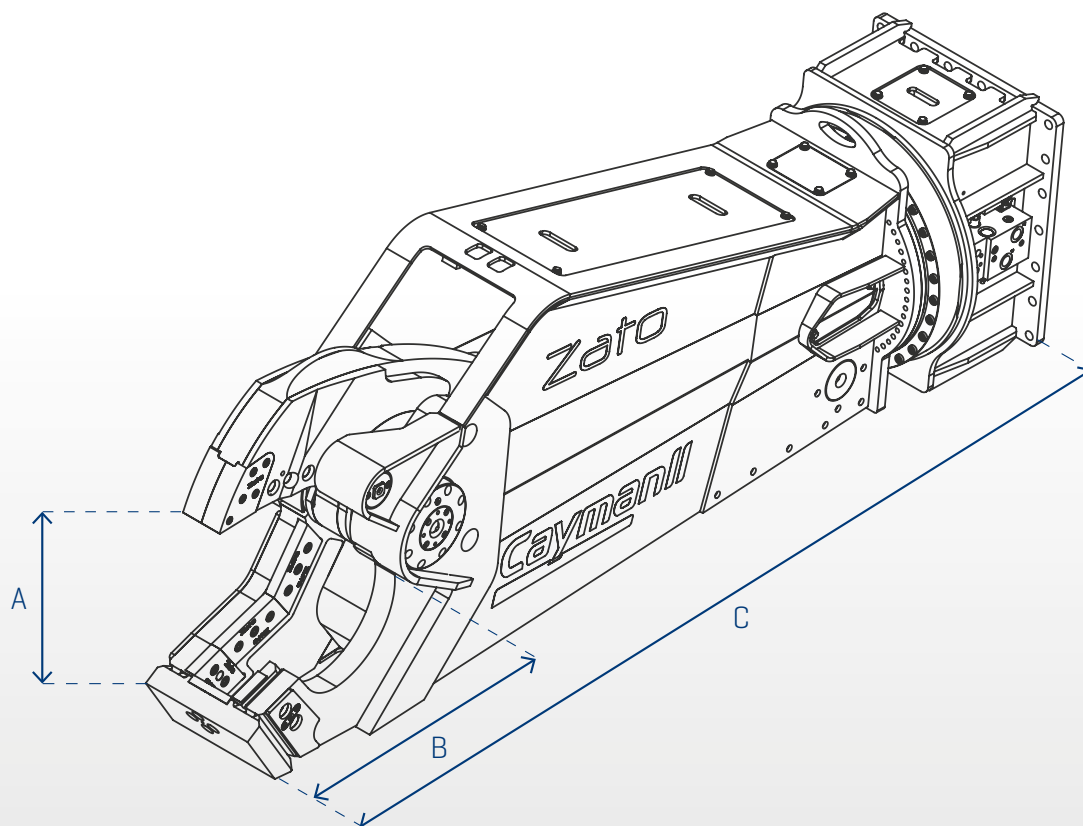
## DEMOLITION SHEARS

---

CAYMAN DEMOLITION SHEARS ARE COMPACT AND POWERFUL, BUILT ENTIRELY IN OUR OWN PRODUCTION FACILITIES AND DESIGNED USING THE BEST 3D SOFTWARE. SMALL IN SIZE AND WEIGHT AND WITH A CENTRE OF GRAVITY AS CLOSE AS POSSIBLE TO THE EXCAVATOR, THE CAYMAN II CAN BE INSTALLED ON A WIDE RANGE OF MEDIUM-SMALL EXCAVATORS, INCLUDING ON THE MOST POWERFUL MODELS. ENGINEERED FOR SAFER OPERATION, THE CAYMAN II IS A SMART INVESTMENT, BUILT FOR LONGER-LASTING PERFORMANCE.







TECHNICAL CHARACTERISTICS		FCE06RII	FCE10RII	FCE20RII	FCE30RII	FCE40RII	FCE50RII	FCE70RII	FCE90RII
Weight	Kg	625	1150	2100	2900	4250	5800	7630	9500
A [Max opening]	mm	320	430	585	625	735	780	908	970
B [Opening depth]	mm	282	410	585	595	750	774	958	975
C [Length]	mm	1765	1920	2610	2960	3390	3785	4165	4480
Cutting force 350 bar at the central pin	mt	220 bar 106	219	494	535	920	1010	1400	1460
Cutting force 380 bar at the central pin	mt	250 bar 120	283	536	580	1000	1098	1580	1812
Operating pressure	bar	200/250	300/350	300/380	350/380	350/380	350/380	350/380	350/380
Oil flow rate	l/min	100/150	150/180	150/180	200/250	200/250	300/350	300/350	350/400
Rotation		360°	360°	360°	360°	360°	360°	360°	360°
Minimum excavator weight Boom Mounted	t	4	7	12	19	24	30	45	70
Minimum excavator weight Bucket Mounted	t	7	10	19	28	47	55	76	120

### APPLICATIONS

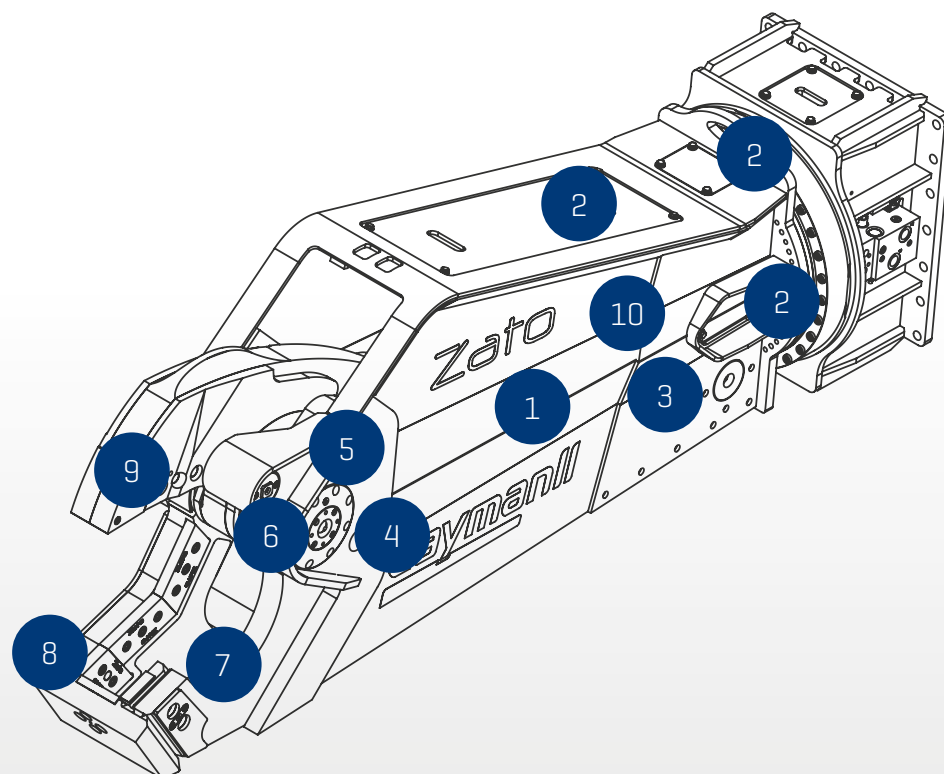
Scrap metal processing

Industrial demolition

Civil and naval demolition

Rail demolition

Beam demolition



## MAIN FEATURES

### 1 - Compact frame:

The frame is solid and durable, the cylinder is completely shielded, ensuring complete protection against clashes and accidental shock during work. The main body is a reinforced box made of high resistance steel [700MPa] as is the mobile jaw, with anti-wear steel parts [400HBW] to cope with a range of stressors.

### 2 - Large inspection panels:

Easy access to the main component in maintenance areas.

### 3 - Cylinder:

Robust with large bores to increase the forces at the centre pin, at the tip and at the centre of the cutting area.

### 4 - Central pin:

Solid, robust and super-resistant to thrusts. The protection flanges are very compact and allow for maximum visibility during use. Assembly is carried out with nitrogen and interference with the housing hole. Maximum reliability, resistance and the lowest machine downtime are obtained.

### 5 - Ball joint:

Assembled on the jaw connection, corrects pin alignment in any situation, even in the presence of twisting.

### 6 - Double adjustment clutch on the external jaw on the guide side:

The cantilever position friction unit increases nose stability during cutting, facilitating optimum cutting and lower blade wear, thanks to the alignment of the mobile jaw with the blades housed in the bottom of the frame.

### 7 - Unloading mouth:

Large and optimised for excellent operation of cutting.

### 8 - Outward screw removal:

The blades have threaded holes and can be quickly removed even when the jaw is locked.

### 9 - Shelted tip:

The tip of the jaw offers multiple blades with a special internal shape to discharge cutting stress.

### 10 - Regeneration valve:

To increase cutting and cycles speed.

Technical data may be subject to change without prior notice and without any liability whatsoever by ZATO SRL

All Cayman series shears are covered by a 12-month warranty.

All models can be supplied without hydraulic rotation.

All models are available with the option for demolition in deep sea water. The data in the chart does not include the adaptation connection plate.

All data regarding excavator weight are approximate. Always refer to the loading diagrams on the excavators.



## Zato srl

Via Campi Grandi, 23  
25080 Prevalle (BS) - Italy

Tel. +39 030 6461800  
Fax +39 030 6801897  
e-mail [info@zato.it](mailto:info@zato.it)



Follow Us!



Rev. 1/2017

[www.zatoshredder.com](http://www.zatoshredder.com)