

# Zato

Scrap Processing Solutions



Mobile Shear

CAYMAN

HIGH QUALITY, HEAVY DUTY  
HYDRAULIC SHEARS  
FOR SCRAP  
AND DEMOLITION PROCESSING



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

EXCELLENCE  
AS A STANDARD



### LIGHT, POWERFUL, FAST

The CAYMAN mobile shear manufactured by Zato are working on demolition sites and in scrap recycling yards all over the world.

The aim was not simply to develop another all-purpose shear, or to match those already in the market, but to develop a unique product, like no other, uncompromisingly powerful, efficient and fast. Very high performance and an extraordinary level of efficiency and reliability.

The result is a shear with an outstanding ratio between cutting force and weight. Manufactured with the highest quality wear resistant steels that provide structural strength, torsion resistance and wear durability. More uptime and reduced maintenance.

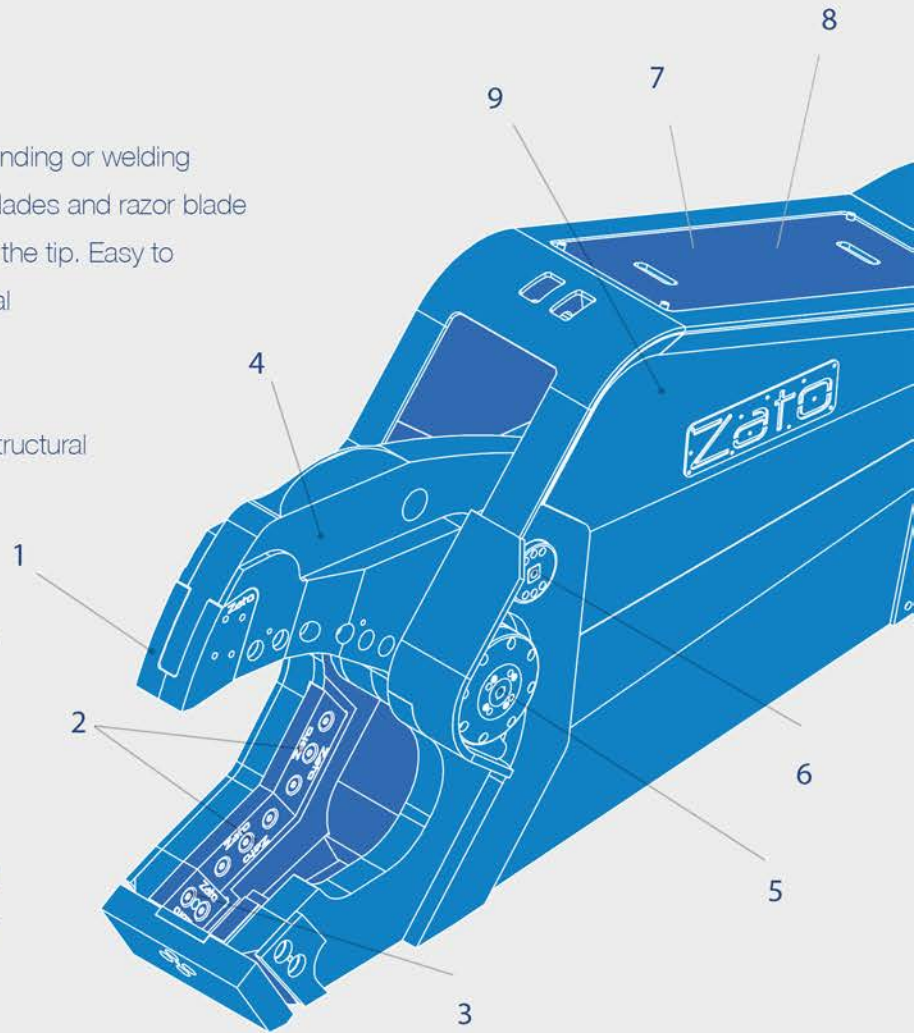
The redesigned Cayman shear adds power and increased cutting force, developed by the large-bore and long-stroke cylinder. Cycle times are improved by a high efficiency oil regenerating speed valve installed on all models. Optional rotation on all models with over-sized planetary gearbox or direct hydraulic drive. Application specific models available to process aluminum bundles and thin sheet with extraordinary precision and efficiency.

A complete range of models, from 1300 lbs. to 32,000 lbs.



# CAYMAN FEATURES:

- 1 Bolt-on piercing tips replaced in minutes without grinding or welding
  - 2 Four way indexable primary cutting blades, guide blades and razor blade
  - 3 Guide blade designed to handle heat expansion at the tip. Easy to shim, maintains tolerance for cutting various material
  - 4 Improved moving jaw apex & design for optimum shearing capacity
  - 5 Fully wrapped, heavy-duty pivot design. Provides structural strength & long-term durability
  - 6 Dual, slide puck head adjustment system for perfect jaw alignment
  - 7 High efficiency regenerating speed valve increases cycle time for faster cutting
  - 8 Enlarged cylinder protected and enclosed inside the body, fully accessible. Increases power at the apex, throat and piercing tip
  - 9 Built with Hardox & Weldox steel, delivers structural strength & wear durability. Shear frame specifically designed to avoid dangerous structural flexion
- Exceptional power in a short, lightweight shear



Model	Weight		Jaw Opening		Jaw Depth		Length		Cutting Force		Min. Excavator Weights			
	kg	lbs	mm	inch	mm	inch	mm	ft	380 Bar / 5500 psi ust mt	ust mt	2 <sup>nd</sup> Mem. ust mt	3 <sup>rd</sup> Mem. ust mt	ust mt	
FCE 6R	625	1378	292	12	292	12	1735	5.69	133	120	5	4	7	6
FCE 10R	1070	2359	424	17	390	16	2003	6.57	288	261	8	7	14	12
FCE 20R	2018	4449	581	23	580	23	2590	8.50	591	536	14	12	21	19
FCE 30R	2870	6328	626	25	590	23	2980	9.78	790	716	18	16	31	28
FCE 40R	4180	9216	707	28	750	30	3370	11.06	960	870	27	24	45	40
FCE 40RS	4400	9701	730	29	750	30	3370	11.06	1160	1052	29	26	47	42
FCE 50R	6400	14110	820	32	872	34	4000	13.12	1442	1308	39	35	67	60
FCE 60R	7180	15830	888	35	952	37	4130	13.55	1664	1509	47	42	78	70
FCE 70R	7630	16822	908	36	958	38	4166	13.67	1726	1565	50	45	84	76
FCE 90R	8653	19077	1085	43	1049	41	4615	15.14	1998	1812	56	50	95	86
FCE 100R	12440	27426	1172	46	1110	44	4760	15.62	2640	2390	80	72	133	120

Specifications shown for models with 360° rotation. Dimensions are +/- 1" All CAYMAN shears can be supplied without 360 rotation  
 \*Lengths without connecting link \*\* Cutting Force at 5500psi or 380 BAR - FCE6R cutting force measured at 3625psi or 250 BAR, FCE10R at 5075psi or 350 BAR  
 All CAYMAN shears can work at 5500psi or 380 BAR (except for FCE6/FCE6R models)  
 \*18 month limited manufacturer's warranty on all shear models.



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# CAYMAN



Zato parts and service throughout the United States and Canada



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