

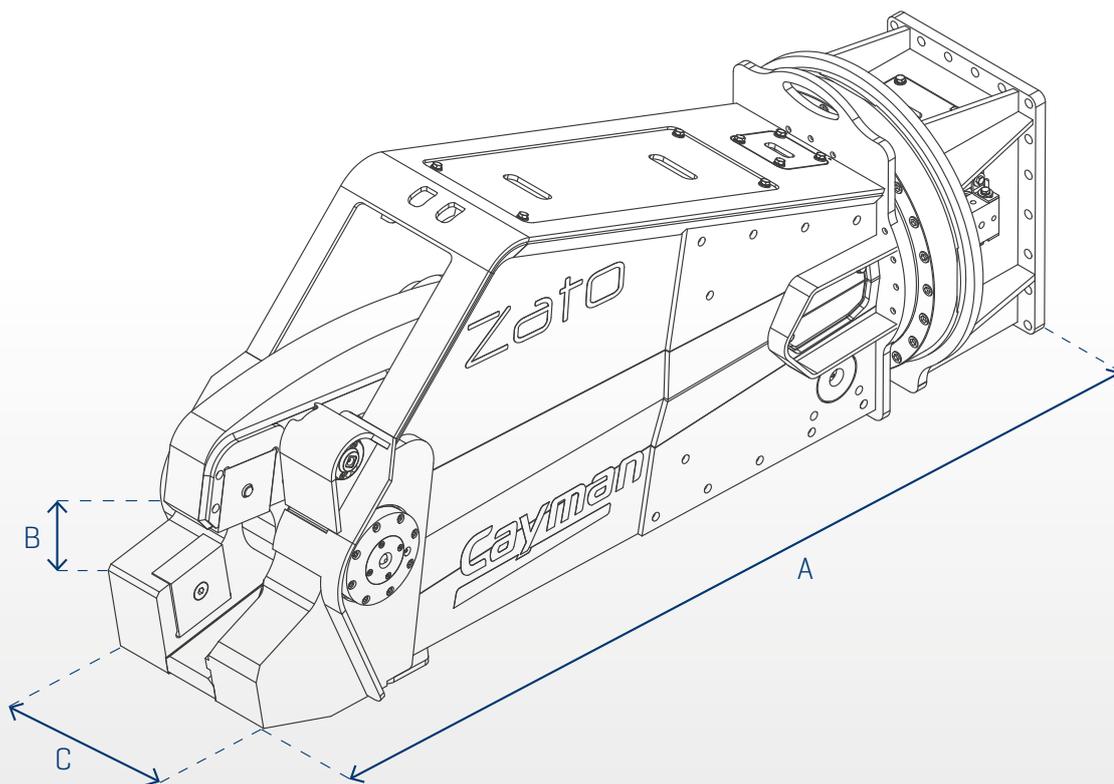


# CAYMAN

RAIL BREAKER



# CAYMAN RAIL BREAKER



| TECHNICAL DATA                             |   |      | RB20R   | RB40R   |
|--|---|------|---------|---------|
| Weight (excluding mounting bracket)        | Kg  |      | 2000    | 4400    |
| A - Reach                                  | mm  |      | 2300    | 2920    |
| B - Jaw opening                            | mm  |      | 190     | 215     |
| C - Jaw depth                              | mm  |      | 210     | 210     |
| Excavator weight 2nd member/boom mounting  | t   |      | 10-15   | 24-35   |
| Excavator weight 3rd member/stick mounting | t   |      | 18-27   | 39-50   |
| Cylinder recommended pressure              | bar   |      | 300-320 | 300-320 |
| Cylinder recommended flow                  | L\min   |      | 200-250 | 350-400 |
| Rotation recommended pressure              | bar   |      | 100-110 | 100-110 |
| Rotation recommended flow                  | L\min   |      | 25      | 25      |
| APPLICATIONS                               |   |      |         |         |
| Rail [RT standard]                         |  | Kg/m | 50-60   | 60-68   |
| Rail [DIN standard]                        |  | Kg/m | -       | 100     |

## CAYMAN

### RAIL BREAKER

The **Rail Breaking Cayman RB** series is designed specifically to process rails. The frame is solid and durable with increased strength of the body. The compact design and massive mobile jaw allows for continuous production with reduced downtime.

The RB develops the maximum strength possible with the lightest possible attachment weight, manufactured with the highest quality steel offered.

Deliver structural strength, torsion resistance and durability. The RB features an innovative deep Jaw and blade design that reduces wear and maintenance.

## MAIN FEATURES

|  |   |
|--|---|
| <p><b>1 - COMPACT FRAME</b></p> <p>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.</p> | <p><b>6 - CENTRAL PIN</b></p> <p>Solid, robust and super-resistant to thrusts. The protection angles are very compact and allow for maximum visibility during operation. Assembly and insertion is carried out with a nitrogen process to meet a perfect tolerance when inserted into the housing hole. Maximum reliability, resistance and the lowest machine downtime are obtained.</p> |
| <p><b>2 - INNOVATIVE HEAD DESIGN</b></p> <p>Deep Jaw and Breaking Tip design allows blades to be turned and flipped up to 8 times. This system guarantees the correct operation and longevity of the breaking tip, greatly reducing maintenance time.</p>  | <p><b>7 - ROTATION UNIT</b></p> <p>The rotation is 360° which is driven by a hydraulic motor equipped with an anti-life valve, to protect the rotation components whenever a heavy piece in the jaw tends to make the shear rotate.</p>   |
| <p><b>3 - CYLINDER</b></p> <p>Robust design with very high bores, to achieve exceptional cutting forces.</p>   | <p><b>8 - REGENERATION VALVE</b></p> <p>Standard on all models, increase cutting and cycle speed.</p>   |
| <p><b>4 - BLADES</b></p> <p>Interchangeable jaw and frame blade, 4 times reversible.</p>   | <p><b>9 - MOBILE JAW</b></p> <p>Bolt on adaptor position allows for connection to any carriers second or third member with a custom bracket.</p>  |
| <p><b>5 - BALL JOINT</b></p> <p>Allows to maintain a correct alignment between the cylinder and the mobile jaw, avoiding possible distortions of the two components.</p>   | <p><b>10 - LARGE INSPECTION PANELS</b></p> <p>Easy access to the main component in maintenance areas</p>  |



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.

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

Cayman  
RB40R

Zato srl

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

Tel. +39 030 6461800  
Fax +39 030 6801897  
e-mail info@zato.it

