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Zato®

Recycling Solutions

CAYMAN

Railbreaker



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Railbreaker demolition shear

The Cayman railbreaker is specifically designed to cut railway tracks and is used with great success in the downsizing and recycling of rail and tram rail lines.

The robustly built Cayman railbreaker, using

Strenx® 700 steel in its frame, coupled with massive mobile jaw guarantee reliable cutting of rails of up to 70 kg/m in weight.

The innovative design and high-quality components increase the effectiveness of the extraordinary shearing forces developed by the cylinder.

The blades are made with four cutting profiles, which allow them to be easily rotated to maximise the working efficiency.



TECHNICAL DATA SHEET

RB20R RB40R

		RB20R	RB40R
Weight (without adaptation connection plate)	kg	2000	4400
Length	mm	2300	2850
Opening	mm	190	215
Depth	mm	210	210
Centre pin cutting force	t	460	950
Tip cutting force	t	288	480
Boom mounted excavator weight	t	14-18	25-35
Bucket mounted excavator weight	t	18-27	39-50
Shearing pressure	bar	300-320	300-320
Shearing capacity	l/min	200-250	350-400
Rotation pressure	bar	100-110	100-110
Rotation capacity	l/min	25	25
Shearable rail (vignola)	kg/m	50-60	60-68
Shearable rail (burback)	kg/m	-	100

APPLICATIONS

01 Single rail and tram application