

# Hydraulic Shears

## CI-R Series

For carriers from 2 to over 170 tons



### Hydraulic Shears CI-R Series

The CI-R Series is extremely versatile and suitable for the most specific applications, overhead demolition (demolition of complete iron structures) and demolition at ground level (in foundries, dumps, scrap yards).

It can be fitted on all excavators from 2 up to 170 tons, on the excavator's boom or on the excavator's dipper.

The body is made of Hardox 400 that guarantees safety and reliability even in the most heavy-duty applications.

- **Tip made with 2 pieces**, easier replacement and maintenance. Internal break system for more resistance and longer life
- **Double guide** for the moving jaws allows a perfect alignment. Easy adjustment reduces set up time
- **Blades exchangeable** 4 times before replacement. The « Trapezoidal » profile improves cutting ability and reduces stress on the shear. The way the blades are threaded provide an easy set up and replacement
- **Deep mouth and cutting angle** increase the cutting performance, providing strong grip and easy release of the material
- **High performance cylinder**. It's also reverse mounted so the rod is completely protected from any impact or damage
- **Continuous 360° rotation** with hydraulic motor positioned on the top. Equipped with protection valves and flow regulators it ensures a perfect and accurate shear position
- **Speed valve** reduces cycle time and considerably increases productivity (from CI2000)
- **Innovative jaw adjustment kit** allows to easily reduce/eliminate plays, giving an high cutting performance.



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## Specifications and Dimensions

KIT



INTERCHANGEABLE TIPS AND BLADES KIT



Model		CI450	CI700	CI1200	CI2000	CI3200R	CI4000R	CI5000R	CI6500R	CI8000R	CI10000R	CI15000R	CI20000R
A	mm	1880	2080	2302	2666	3227	3726	3690	4338	4450	5360	6200	7100
B	mm	350	415	450	480	575	670	740	830	870	1004	1145	1225
C	mm	348	348	481	510	606	710	720	852	944	1072	1270	1300
F1	t	125	210	275	400	620	730	890	1000	1200	1320	1600	1700
F3	t	32	60	61	96	146	165	195	220	240	280	355	460
Rotation	°	360	360	360	360	360	360	360	360	360	360	360	360
Rotation Flow	l/min	5 / 8	5 / 8	20/30	20/30	20/30	20/30	40/50	40/50	40/50	80/100	80/100	80/100
Rotation Pressure	bar	120	120	120	120	120	120	120	120	120	120	120	150
Open/Close Flow	l/min	70/110	90/140	150/250	200/300	280/350	300/450	350/500	400/600	500/800	700/1000	900/1200	1000/1500
Op/CI Pressure	bar	200/250	280/320	350	350	350	350	350	350	350	350	350	350
Weight	kg	480	795	1310	2270	3260	4200	5000	6820	8100	10200	15100	20900
Carrier Weight (Dipper)	t	5 / 8	8 / 14	13 / 20	19 / 28	27 / 39	32 / 45	38 / 55	50 / 70	70 / 110	Over 85	Over 120	Over 170
Carrier Weight (Boom)	t	2 / 6	5 / 8	8 / 14	14 / 20	20 / 30	25 / 40	30 / 50	40 / 60	50 / 80	Over 60	Over 80	Over 110
	mm	30	40	45	55	65	70	75	85	100	110	140	165
	mm	25	30	35	40	50	55	60	70	85	90	120	140
	mm	6	8	10	15	20	22	25	30	35	40	45	50
	mm	100	120	200	300	400	450	500	550	600	750	950	1100
	mm	70	100	140	200	260	280	320	360	400	550	600	750

TRAMAC reserves the right to change or discontinue models and/or specifications without prior notice.

### Quality and dependability: two features you can count on with every TRAMAC product.

All TRAMAC products are engineered for superior performance, manufactured to the most exacting specifications, and—within the guidelines of the industry's most rigid quality control program—thoroughly inspected at every stage of production. All working parts are precision-machined to the closest tolerances, and all materials meet or exceed the highest industry standards. These are but a few of the many vital reasons major contractors worldwide choose our products.

*They know that with TRAMAC, reliability is crucial; a basic component conscientiously built into every unit that bears our name.*



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