

# Hydraulic Shears

## CI Series

For carriers from 2 to 133 tons



## Hydraulic Shears CI Series

The CI 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 133 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.

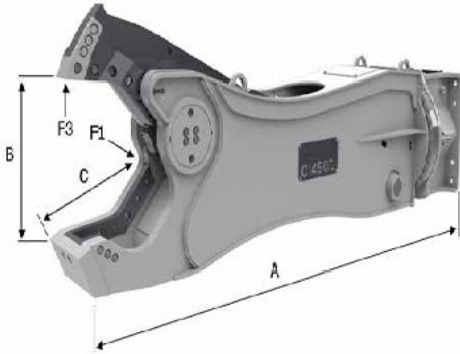
- **Tip made with 2 pieces**, easier replacement and maintenance. Internal break system for more resistance and longer life
- **Double guide** for the moving jaws allows a perfect alignment. Easy adjustment reduces set up time
- **Blades exchangeable** 4 times before replacement. The « Trapezoidal » 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
- **Innovative jaw adjustment kit** allows to easily reduce/eliminate plays, giving an high cutting performance.

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## Specifications and Dimensions



### KIT

"CI" INTERCHANGEABLE TIPS AND BLADES KIT



Model		CI040	CI070	CI1000	CI2000	CI3000	CI4000	CI4500	CI6000	CI7000	CI9500	CI13000	CI19500
A	in	73,03	81,89	89,65	104,96	127,05	146,69	147,40	170,79	174,65	210,83	243,31	275,59
B	in	13,78	16,34	17,72	18,90	22,64	26,38	29,13	32,68	34,25	39,53	45,08	48,23
C	in	13,70	13,70	18,94	20,08	23,86	27,95	28,35	33,54	37,17	42,20	50,00	51,18
F1	t	137	231	302	440	681	802	978	1099	1319	1451	1758	1868
F3	t	35	66	67	104	160	181	214	242	264	308	390	505
Rotation	°	360	360	360	360	360	360	360	360	360	360	360	360
Rotation Flow	gal/min	1 / 2	1 / 2	5 / 7	5 / 7	5 / 7	5 / 7	10 / 13	10 / 13	10 / 13	21 / 26	21 / 26	21 / 26
Rotation Pressure	psi	1714	1714	1714	1714	1714	1714	1714	1714	1714	1714	1714	2143
Open/Close Flow	gal/min	18 / 29	23 / 26	39 / 65	52 / 79	73 / 92	79 / 118	92 / 131	105 / 158	131 / 211	184 / 263	237 / 316	263 / 395
Op/CI Pressure	psi	2875/3571	4000/4571	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000
Weight	lbs	989	1684	2691	4836	6756	8682	10738	13251	17771	22591	30222	43111
Carrier Weight (Dipper)	1000 lbs	11 / 17	17 / 31	28 / 44	42 / 62	60 / 84	66 / 100	84 / 122	111 / 155	144 / 244	over 200	over 266	/
Carrier Weight (Boom)	1000 lbs	4 / 13	11 / 17	17 / 31	31 / 44	44 / 66	55 / 84	66 / 100	88 / 133	100 / 177	over 133	over 177	over 222
	in	1,18	1,57	1,77	2,17	2,56	2,76	2,95	3,35	3,94	4,33	5,51	6,50
	in	0,98	1,18	1,38	1,57	1,97	2,17	2,36	2,76	3,35	3,54	4,72	5,51
	in	0,24	0,31	0,39	0,59	0,79	0,87	0,98	1,18	1,38	1,57	1,77	1,97
	in	3,94	4,72	7,87	11,81	15,75	17,72	19,69	21,65	23,62	29,53	37,40	43,31
	in	2,76	3,94	5,51	7,78	10,24	11,02	12,60	14,17	15,75	21,65	23,62	29,53

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.*