

PARAGON

TOOL HIRE

PROUDLY SUPPLY 

Complete range of Crushers, Scrap / Steel Shears, Grabs, Pulverisers and much more.



COVERING A RANGE FROM 0.8 TONNE THROUGH TO
200 METRIC TONNES.



overview



TocDem HYDRAULIC HAMMER

All TocDem Hydraulic Hammers are designed using the latest technology, advances in engineering & to the very highest specification. These units are able to easily cope with the demands of any Demolition, Mining, Construction or Utility site.

P 6 - 7



GR SERIES

TocDem GR grapples are made of particularly wear-resistant steels which allow the demolition of brick structures, timber and other types of materials. The particular design of our machines favours the selection of materials deriving from demolition in order to facilitate recycling and handling.

P 8 - 9



SH SERIES

TocDem SH Shears are made entirely of HARDOX and STRENGTH, which makes them suitable for the demolition of tanks, pipes and structures in steel and iron. The high cutting force ensures precise and fast work, thus guaranteeing maximum efficiency in all conditions.

P 10 - 11



RV SERIES

TocDem RV series has been designed to fulfill the functions of primary and secondary demolition. Manufactured specifically with HARDOX for maximum wear and tear resistance, the TocDem RV hydraulic rotating pulverisers are equipped with a regenerative circuit for a responsive opening and closing of their powerful jaws. The TocDem RV series is further strengthened by a hydraulic rotation (360°) that allows maximum precision for pulveriser placement in any working condition.

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FPV SERIES

TocDem FPV Series, manufactured in HARDOX, is specifically designed to work on the ground, making it ideal for all secondary demolition needs. Perfect for recycling and crushing, the FPV series is perfect for recycling and pulverisation work.

P 14 - 15



MC SERIES

The ultimate expression of functionality and versatility. One tool, multiple kits. The TocDem MC Series features an innovative "PRV" (Pressure Relief Valve) that protects the pulveriser from high pressure. Reinforced strength and durability from being manufactured with HARDOX 400. An innovative interchangeable teeth system.

P 16 - 19



LIV SERIES

From the forest to wood waste recycling, our hydraulic wood shears are perfect for the downsizing of logs, railroad sleepers, tree stumps and wood demolition waste. The powerful jaws of the TocDem LIV wood shears are built to attack even the toughest deforestation jobs.

P 20 - 21



RS SERIES

The entire TocDem RS crushers series has been designed to meet the most stringent requirements of primary demolition. Designed with particular care to materials, the TocDem RS crushers demolish reinforced concrete structures, significantly reducing noise and vibration.

P 22 - 23



HD SERIES

TocDem HD series increase with a new primary demolition series which is aimed at the professionals who need ever higher performance without sacrificing solidity and ease of use.

P 24 - 25

HYDRAULIC HAMMER

Unique Valve Design

Easy maintenance. It lessens pressure fluctuation, and therefore any potential damage to the machine driving it.

Accumulator

The accumulator compensates for any high pressure surges in the hydraulic circuit.

Fully Sealed Enclosure

High quality heat treated fully enclosed welded body to reduce noise & increase lifespan.

Tool Bush

Front Head

The front head prevents the whole Hammer taking each blow. The body is also hardened & heat treated ensuring a longer life.

High Quality Work Tool

Manufactured from high grade steel & heat treated for performance. Moil point & chisels are available.

Ease Of Maintenance

With fewer components, ample space & high quality components maintenance is both quick & easy.

Piston Stroke

The piston is manufactured from heat treated high grade steel and has a long stroke which minimises recoil.

All TocDem Hydraulic Hammers are designed using the latest technology, advances in engineering & to the very highest specification. These units are able to easily cope with the demands of any Demolition, Mining, Construction or Utility site.

Excellent BPM Impact Rate – Increasing efficiency

TocDem Hammers give a severe and deep impact, coupled with a fast and efficient BPM “Blows Per Minute”. When put up against the competition the TocDem Hammer outperforms by virtue of its unique design & therefore saves you time and money.

Energy Class

TocDem Hammers range from 121ft lb / 165 Joules through to a powerful and substantial 8850 ft lb / 12000 Joules.



Every TocDem Hammer is supplied with:

- 2 Points / Chisels
- Head Bracket
- 2 Head Bracket Pins
- 2 Hydraulic Hoses & Couplings
- Tool Box
- Gas Bottle
- Instruction Manual
- Parts Manual
- CE Certificate Of Conformity

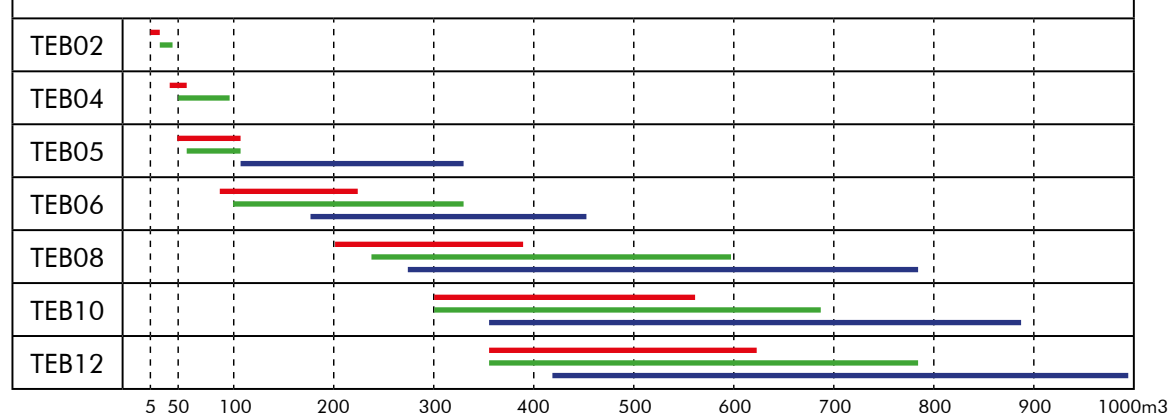
Model Number		TEB 00	TEB 02
Suitable Excavator	tonne	0.8-1.6	2.0-4.0
Suitable Excavator	lbs	1,760 - 3520	4,400 - 8,800
Chisel Diameter	mm	40	53
Total Weight	kg	90	180
Total Weight lbs	lbs	198	396
Overall Length	mm	983	1,100
Operating Pressure	kg/cm2	90-120	90-120
Oil Flow	l/min	15-25	15-25
Impact Rate	BPM	800-1,400	700-1,200
Energy Class	ft lb	150	650
Hose Diameter	inch	1/2"	1/2"

Model Number		TEB 04	TEB 05	TEB 06	TEB 08	TEB 10	TEB 12
Suitable Excavator	tonne	4.0-7.0	8.0-10.0	11.0-18.0	19-26	28-40	40-55
Suitable Excavator	lbs	8,800 - 15,400	17,600 - 22,000	24,200 - 39,600	41,800 - 57,200	61,600 - 88,000	88,000 - 121,000
Chisel Diameter	mm	75	85	100	140	155	175
Total Weight	kg	421	577	973	1,989	2,950	4,210
Total Weight lbs	lbs	926.2	1,269.4	2,140.6	4,375.8	6,490	9,262
Overall Length	mm	1,528	1,920	2,260	2,810	3,152	3,400
Operating Pressure	kg/cm2	110-160	120-170	150-170	160-180	160-180	160-180
Oil Flow	l/min	30-45	45-85	80-120	130-170	170-220	210-290
Impact Rate	BPM	500-800	400-700	400-700	400-600	250-400	200-350
Energy Class	ft lb	1,000	1,500	4,000	6,000	8,000	10,000
Hose Diameter	inch	1/2"	3/4"	3/4"	1"	1"	1.25"

WORKING CAPACITY

(8hr/day)

Non-reinforced concrete (t:30cm) ————
Reinforced concrete (t:30cm) ————
Hard rock ————



GR SERIES

flexibility and multi-functionality

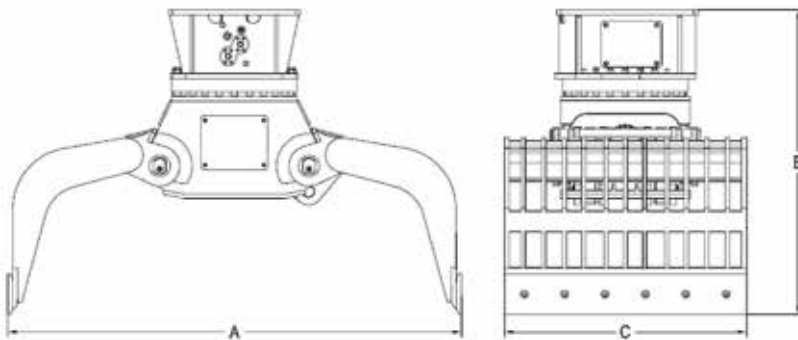


Enjoy your choice:
TocDem GR grapples are made of particularly wear-resistant steels which allow the demolition of brick structures, timber and other types of materials. The particular design of our machines favours the selection of materials deriving from demolition in order to facilitate recycling and handling.

- Additional highlights of this series include:
- a 360° hydraulic rotation to guarantee precision placement;
 - a hydraulic cylinder synchronized to a piston rod system for facilitating homogeneous movement;
 - interchangeable blades;
 - different configurations of jaws to make demolition, selection and loading works.



Models:



GR SERIES

GRAPPLES

GR MODEL	U.M.	GR 3	GR 5	GR 7	GR 10	GR 15	GR 20	GR 25	GR 30	GR 40
OPENING (A)	mm	1,050	1,140	1,750	2,040	2,180	2,280	2,450	2,500	3,000
	in.	41	45	65	80	86	90	96	98	118
HEIGHT (B)	mm	800	840	1,290	1,400	1,490	1,500	1,530	1,600	2,300
	in.	32	33	51	55	59	59	60	63	90
WIDTH (C)	mm	400	500	700	800	1,000	1,200	1,400	1,500	1,500
	in.	16	20	27.5	31.5	39.5	47	55	59	59
EXCAVATOR WEIGHT	Ton	2.5/4	4/8	9/14	14/18	18/22	22/30	30/50	35/60	50/65
	lbs	5.510-8.820	8.818-17.636	19.842-30.864	30.864-39.683	39.683-48.502	48.502-66.139	66.139-110.231	77.162-132.277	110.231-143.300
EQUIPMENT WEIGHT	Kg	250	370	760	1,040	1,380	1,780	2,450	2,800	3,500
	lbs	551	815	1,675	2,293	3,042	3,924	5,401	6,173	7,716
OIL PRESSURE	Bar	200	200	250	250	300	300	300	300	330
	psi	2,900	2,900	3,626	3,626	4,351	4,351	4,351	4,351	4,786
OIL CAPACITY	L/min	25	25	50	50	50	50	50	120	150
	gal/min	6	6	13	13	13	13	13	32	40
ROTATION OIL PRESSURE	Bar	50	50	60	140	140	140	140	140	140
	psi	725	725	870	2,030	2,030	2,030	2,030	2,030	2,030
ROTATION OIL CAPACITY	L/min	15	15	20	30	30	30	30	30	30
	gal/min	3.96	3.96	5.2	8	8	8	8	8	8
LOADING CAPACITY	ton	0.1	0.4	0.8	1.1	1.5	2	2.7	3.1	4
	lb	200	800	1,600	2,200	3,000	4,000	5,400	6,200	8,000
CLAMPING FORCE	Ton	1	2	3.5	5	5.7	8	10.5	11.5	15
	lb	2,000	4,000	7,000	10,000	11,400	16,000	21,000	23,000	30,000

SH SERIES

the top of the scrap heap

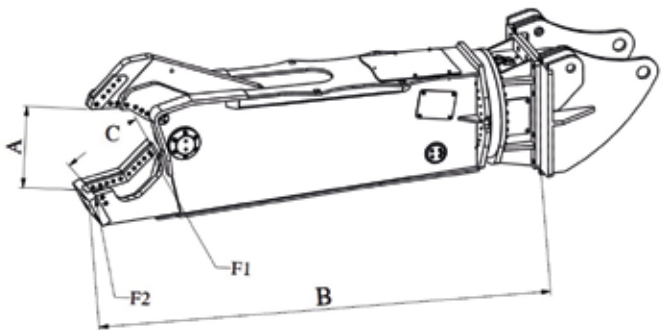


Enjoy your choice:

TocDem SH Shears are made entirely of HARDOX and STRENGTH, which makes them suitable for the demolition of tanks, pipes and structures in steel and iron. The high cutting force ensures precise and fast work, thus guaranteeing maximum efficiency in all conditions.

Features:

- a double register blade guide to ensure precise alignment during stressful cutting conditions;
- interchangeable and reversible blades for precision cutting and a long life;
- reversed hydraulic cylinder and a regenerative speed valve that increases productivity by 30%;
- a pressure relief valve that protects the shear components from damage in overpressure situations;
- 360° degree continuous hydraulic rotation in both directions for the correct positioning of the attachment.



SH SERIES

SHEARS

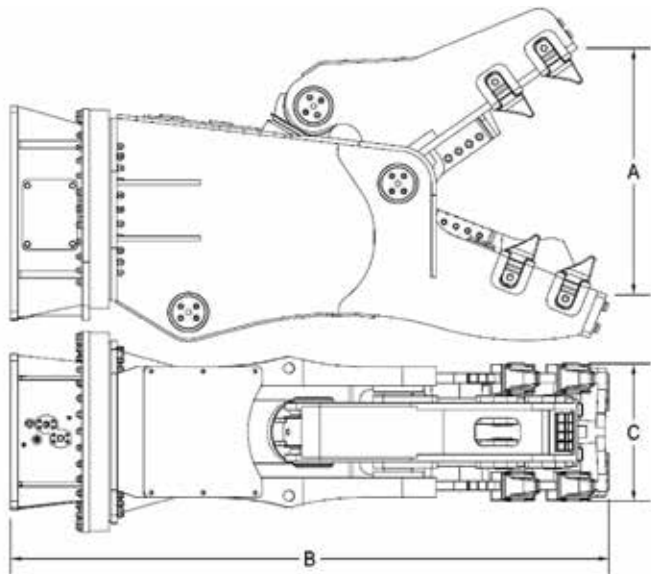
SH MODEL	U.M.	SH 6	SH 12	SH 20	SH 25	SH 35	SH 40	SH 55	SH 70	SH 80	SH 100	SH 120
OPENING (A)	mm	365	440	470	550	590	680	800	850	880	920	950
	in.	14	17	19	22	23	27	31	33	35	36	37
LENGTH (B)	mm	1880	2,450	3,040	3,060	3,520	3,660	4,100	4,700	4,800	5,000	5,300
	in.	74	96	120	120	139	144	161	185	189	197	209
WIDTH (C)	mm	240	400	500	510	590	600	690	800	830	900	950
	in.	9	16	20	20	23	24	27	31	33	35	37
EXCAVATOR WEIGHT AT BUCKET PLACE	Ton	7/12	12/18	20/28	26/34	34/40	40/50	50/70	70/100	80/110	90/120	100/130
	lbs	14,000/ 24,000	24,000/ 36,000	40,000/ 56,000	52,000/ 68,000	68,000/ 80,000	80,000/ 100,000	100,000/ 140,000	140,000/ 200,000	160,000/ 220,000	180,000/ 240,000	200,000/ 260,000
EXCAVATOR WEIGHT AT BOOM PLACE	ton	4/7	7/10	14/18	16/22	22/30	26/35	30/45	45/60	50/70	70/90	90/110
	lbs	8,000/ 14,000	14,000/ 20,000	28,000/ 36,000	32,000/ 44,000	44,000/ 60,000	52,000/ 70,000	60,000/ 90,000	90,000/ 120,000	100,000/ 140,000	140,000/ 180,000	180,000/ 220,000
WEIGHT	Kg	640	1,250	2,030	2,530	3,200	3,910	5,630	6,900	7,800	9,950	11,500
	lbs	1,411	2,756	4,475	5,578	7,055	8,620	12,412	15,212	17,196	21,936	25,353
OIL PRESSURE	Bar	250	310	340	340	340	340	340	340	340	340	340
	Psi	3,626	4,496	4,931	4,931	4,931	4,931	4,931	4,931	4,931	4,931	4,931
OIL CAPACITY	L/min	80/100	150/220	200/220	200/240	240/300	300/350	350/450	350/400	400/500	500/800	700/900
	gal/min	21/26	40/58	53/58	53/63	63/79	79/92	92/119	92/106	106/132	132/211	185/238
ROTATION OIL PRESSURE	bar	60	140	140	140	140	140	140	140	140	140	140
	psi	870.23- 64,264	2,030.52- 8,328	2,030.52- 8,328	2,030.52- 8,328	2,030.52- 8,328	2,030.52- 8,328	2,030.52- 8,328	2,030.52- 8,328	2,030.52- 8,328	2,030.52- 8,328	2,030.52- 8,328
ROTATION OIL CAPACITY	L/min	20	30	30	30	30	30	60	60	60	60	60
	lbs	5	8	8	8	8	8	16	16	16	16	16
HYDRAULIC ROTATION		360	360	360	360	360	360	360	360	360	360	360
		360	360	360	360	360	360	360	360	360	360	360

RV SERIES

a pulverising level of high quality



- Enjoy your choice:**
- The TocDem RV series has been designed to fulfil the functions of primary and secondary demolition. Manufactured specifically with HARDOX for maximum wear and tear resistance, the RV hydraulic rotating pulverisers are equipped with a regenerative circuit for a responsive opening and closing of their powerful jaws. The RV series is further strengthened by a hydraulic rotation (360°) that allows maximum precision for pulveriser placement in any working condition.
- Innovative “PRV” (Pressure Relief Valve) that protects the pulveriser from high pressure;
 - equipment manufactured with HARDOX 400;
 - a reversed cylinder for rod protection;
 - speed valve;
 - interchangeable blades and teeth.



RV SERIES

PULVERISERS

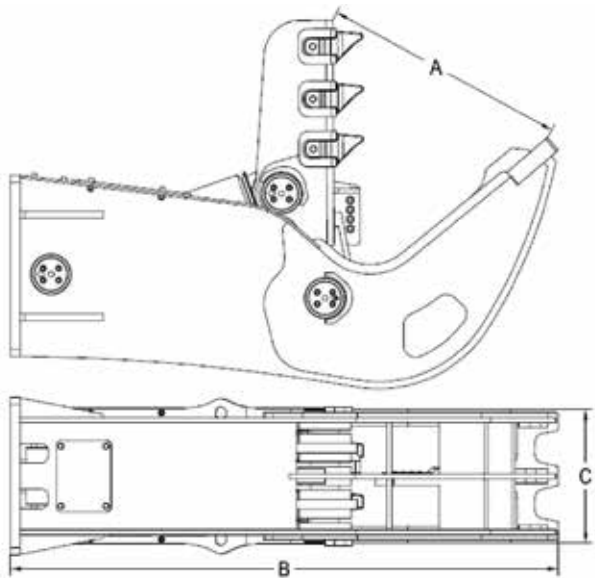
RV MODEL	U.M.	RV 6	RV 10	RV 16	RV 20	RV 25	RV 30	RV 40	RV 60	RV 80	RV 110
OPENING (A)	mm	520	630	780	820	910	1,040	1,130	1,280	1,350	1,720
	in.	20	25	30	32	36	41	45	50	53	68
LENGTH (B)	mm	1,410	1,900	2,330	2,390	2,510	2,660	2,850	3,230	3,400	3,800
	in.	55	75	92	94	99	105	112	127	134	150
WIDTH (C)	mm	340	380	460	480	480	510	550	660	620	650
	in.	13.4	15	18.1	18.9	18.9	20.1	21.65	25.98	24.4	25.6
EXCAVATOR WEIGHT	Ton	7/12	9/15	15/20	20/26	25/32	30/40	38/55	50/80	70/90	90/120
	lbs	14,000/24,000	18,000/30,000	30,000/40,000	40000/52,000	50,000/64,000	60,000/80,000	76,000/110,000	100,000/180,000	140,000/180,000	180,000/240,000
EQUIPMENT WEIGHT	Kg	600	1,050	1,610	1,900	2,580	3,040	3,940	6,000	7,800	9,950
	lbs	1,323	2,315	3,549	4,189	5,688	6,702	8,333	13,228	17,196	21,936
OIL PRESSURE	Bar	250	310	340	340	340	340	340	340	340	340
	psi	3,625	4,496	4,931	4,931	4,931	4,931	4,931	4,931	4,931	4,931
OIL CAPACITY	L/min	80/100	180/220	180/220	210/260	250/300	300/350	300/350	300/400	400/500	500/600
	gal/min	21/26	47/58	47/58	55/68	66/79	79/92	79/92	79/105	106/132	132/158
ROTATION OIL PRESSURE	Bar	60	140	140	140	140	140	140	140	140	140
	psi	870	2,030	2,030	2,030	2,030	2,030	2,030	2,030	2,030	2,030
ROTATION OIL CAPACITY	L/min	20	30	30	30	30	30	60	60	60	60
	gal/min	5.2	8	8	8	8	8	16	16	16	16

FPV SERIES

leader in secondary demolition



- Enjoy your choice:**
- TocDem FPV Series, manufactured in HARDOX, is specifically designed to work on the ground, making it ideal for all secondary demolition needs. Perfect for recycling and crushing, the FPV series is perfect for recycling and pulverisation work.
- HARDOX structure;
 - reversed cylinder to protect the rod from accidental hits;
 - interchangeable teeth;
 - innovative “PRV” (Pressure Relief Valve) to protect the pulveriser from high pressure;
 - productivity is maximized thanks to a regenerative installation within the machine that allows movements and maxi mizes strength;
 - interchangeable blades.



FPV SERIES

PULVERISERS

FPV MODEL	U.M.	FPV 6	FPV 12	FPV 17	FPV 20	FPV 30	FPV 45	FPV 60	FPV 100
OPENING (A)	mm	510	700	815	850	1,040	1,080	1,130	1,800
	in.	20	27	32	34	41	42.5	44.5	71
LENGTH (B)	mm	1,300	1,920	2,080	2,300	2,660	2,700	2,800	3,200
	in.	51	76	82	91	105	106	110	126
WIDTH (C)	mm	330	400	460	550	560	600	760	950
	in.	13	15.75	18.1	21.65	22	23.6	29.9	37.40
EXCAVATOR WEIGHT	Ton	6/7	12/17	16/20	21/29	30/45	40/60	60/80	80/130
	lbs	12,000/14,000	24,000/34,000	36,000/40,000	42,000/58,000	60,000/90,000	80,000/120,000	120,000/160,000	160,000/260,000
EQUIPMENT WEIGHT	Kg	500	1,100	1,550	2,050	2,800	4,500	5,400	10,400
	lbs	1,102	2,245	3,417	4,520	6,173	9,921	10,803	22,928
OIL PRESSURE	Bar	250	310	340	340	340	340	340	340
	psi	3,625	4,495	4,930	4,930	4,930	4,930	4,930	4,930
OIL CAPACITY	L/min	80/100	180/220	200/240	220/300	300/350	300/350	400/500	500/600
	gal/min	21/26	47/58	52/63	58/79	79/92	79/92	106/132	132/158

MC SERIES

power and versatility

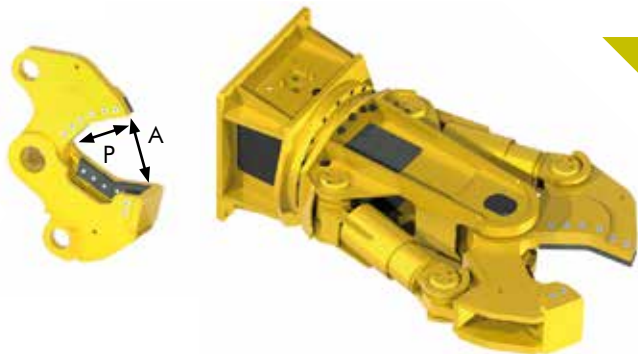
- Entirely made in HARDOX and STRENX;
- equipped with two powerful cylinders;
- regenerative system available in selected models;
- standard hydraulic rotation;
- continuous and precise 360° rotation in both directions thanks to integrated hydraulicsystems;
- fast, accurate and efficient jaw positioning in any work condition;
- ideal for excavators with long booms



MC SERIES

MULTI-SYSTEM
SHEAR KIT

Ideal for cutting ferrous materials, including structural steel, pipelines, tanks, sheets and ferrous wrecks.

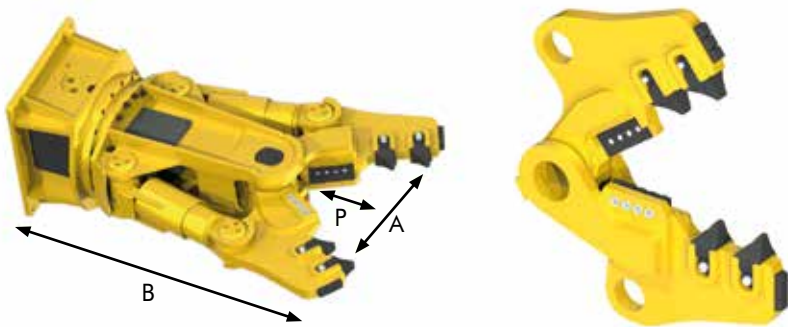


Enjoy your choice:
The ultimate expression of functionality and versatility. One tool, multiple kits. The TocDem MC Series features an innovative “PRV” (Pressure Relief Valve) that protects the pulveriser from high pressure. Reinforced strength and durability from being manufactured with HARDOX 400. An innovative interchangeable teeth system.



MC SERIES

CRUSHER KIT



MC MODEL (CRUSHER KIT)	U.M.	MC 5	MC 7	MC 10	MC 15	MC 18	MC 24	MC 30	MC 40	MC 55	MC 80	MC 110
OPENING A (CRUSHER KIT)	mm	410	525	670	710	800	850	920	1,150	1,300	1,700	1,900
	in.	16.15	20.7	26.4	27.95	31.5	33.5	36.2	45.28	51.18	66.93	74.8
LENGTH B (CRUSHER KIT)	mm	1,020	1,446	1,680	1,900	2,050	2,200	2,420	2,600	2,850	3,200	3,500
	in.	40.2	56.9	66.1	74.8	80.7	86,6	95.3	102.4	112.2	126	137.8
WIDTH P (CRUSHER KIT)	mm	250	350	475	520	540	540	550	600	810	1,110	1,240
	in.	9.85	13.78	18.7	20.47	21.26	21.26	21.65	23.62	31.89	43.7	48,82
EXCAVATOR WEIGHT	Ton	4/8	7/11	12/15	14/19	21/28	26/36	30/38	36/50	50/70	80/100	85/130
	lbs	8,000/16,000	14,000/22,000	24,000/30,000	28,000/38,000	42,000/56,000	52,000/72,000	60,000/76,000	72,000/100,000	100,000/140,000	160,000/200,000	170,000/260,000
EQUIPMENT WEIGHT (CRUSHER KIT)	ton	400	720	1,000	1,400	1,900	2,450	3,120	3,800	5,200	7,800	10,800
	lbs	881	1,587	2,204	3,086	4,188	5,401	6,878	8,377	11,464	17,196	23,810
OIL PRESSURE	Kg	250	300	300	340	340	340	340	340	340	340	340
	lbs	3,625	4,351	4,351	4,641	4,641	4,641	4,641	4,641	4,931	4,931	4,931
OIL CAPACITY	Bar	30/50	140/180	150/160	200/240	250/300	280/350	280/360	300/350	300/380	400/500	500/600
	Psi	7/13	37/48	39/42	58/63	58/68	63/79	63/79	79/92	79/100	106/132	132/158
ROTATION OIL PRESSURE	L/min	50	60	60	140	140	140	140	140	140	140	140
	gal/min	725	870	870	870	870	870	870	870	1,450	1,450	1,450
ROTATION OIL CAPACITY	bar	15	25	25/30	25/30	25/30	25/30	25/30	25/30	25/30	50/60	50/60
	psi	1.3	6.6	8	8	8	8	8	8	16	16	16

MC MODEL (SHEAR KIT)	U.M.	MC 5	MC 7	MC 10	MC 15	MC 18	MC 24	MC 30	MC 40	MC 55	MC 80	MC 110
OPENING A (SHEAR KIT)	mm	340	270	370	360	460	540	560	620	700	750	800
	in.	13.4	10.7	13.8	14.2	18.1	20.1	22	24.4	27.6	29.5	31.5
LENGTH B (SHEAR KIT)	mm	1,050	1,466	1,545	1,740	1,910	2,100	2,300	2,430	2,525	2,610	2,815
	in.	41.33	57.71	60.82	68.5	75.19	82.68	90.55	95.66	99.41	102.76	110.83
WIDTH P (SHEAR KIT)	mm	280	370	340	360	400	400	410	430	485	520	555
	in.	11.02	14.57	13.38	14.17	15.75	15.75	16.14	16.92	19.09	20.47	21.85
EQUIPMENT WEIGHT (SHEAR KIT)	Kg	92	180	240	400	430	700	780	1,100	1,580	2,000	2,500
	lbs	203	397	529	882	948	1,543	1,720	2,425	3,483	4,409	5,511

MC SERIES

MULTI-SYSTEM

PULVERISER KIT

Suitable for secondary demolition.
It separates the rod from the concrete.



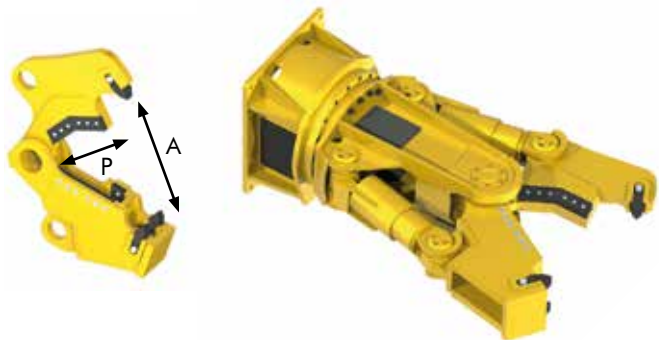
MC MODEL (PULVERIZER KIT)	U.M.	MC 5	MC 7	MC 10	MC 15	MC 18	MC 24	MC 30	MC 40	MC 55	MC 80	MC 110
OPENING (PULVERIZER KIT)	mm	310	500	570	650	800	830	920	980	1,100	1,600	1,800
	in.	12.2	19.7	23.6	26.8	31.5	32.7	35.4	38.6	43.3	63	70.9
LENGTH B (PULVERIZER KIT)	mm	1,020	1,486	1,715	1,920	2,080	2,210	2,450	2,600	2,870	3,355	3,685
	in.	40.16	58.5	67.52	75.59	81.89	87	96.46	102.36	112.99	132.09	145.08
WIDTH P (PULVERIZER KIT)	mm	250	390	510	540	570	510	550	600	870	1,265	1,425
	in.	9.84	15.35	20.08	21.26	22.44	20.08	21.65	23.62	34.25	49.8	56.1
EQUIPMENT WEIGHT (PULVERIZER KIT)	Kg	100	250	310	420	500	820	850	1,250	1,620	2,800	3,800
	lbs	220	551	683	1,102	1,102	1,808	1,874	2,756	3,571	6,173	8,378

MC SERIES

MULTI-SYSTEM

COMBI-CUTTER KIT

Designed for tackling concrete and metallic structures during mixed demolitions.



MC MODEL (COMBY KIT)	U.M.	MC 10	MC 15	MC 18	MC 24	MC 30	MC 40	MC 55	MC 80	MC 110
OPENING A (COMBY KIT)	mm	660	720	830	865	870	1,100	1,300	1,600	1,750
	in.	26	28.34	32.68	34.05	34.25	43.3	51.2	63	68.9
LENGTH B (COMBY KIT)	mm	1,695	1,955	2,115	2,230	2,485	2,500	2,750	3,015	3,270
	in.	66.73	70.08	83.27	87.79	97.83	98.42	108.27	118.7	128.74
WIDTH P (COMBY KIT)	mm	490	575	605	570	615	500	750	925	1,010
	in.	19.29	22.64	23.82	22.45	24.21	19.68	29.52	36.42	39.76
EQUIPMENT WEIGHT (COMBY KIT)	Kg	300	430	470	750	780	1,150	1,350	2,550	3,750
	lbs	661	948	1,036	1,653	1,720	2,535	2,976	5,622	8,267

MC SERIES

UNIVERSAL KIT

Designed for primary and secondary demolition, it simultaneously cuts metal bars and concrete.



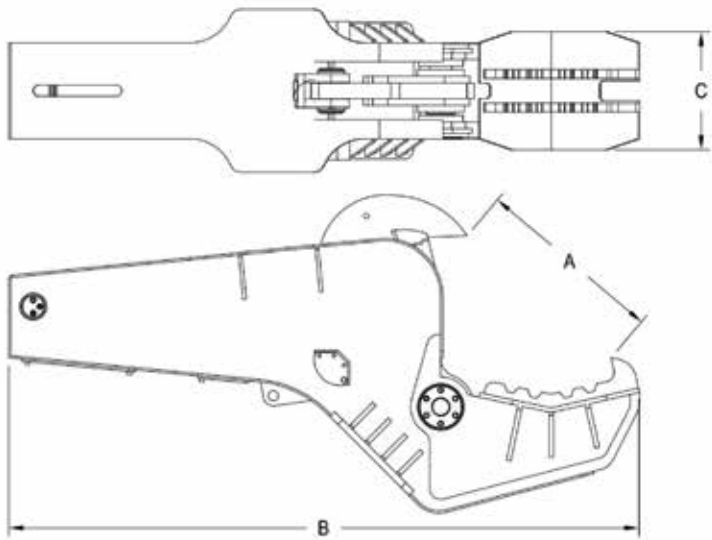
MC MODEL (UNIVERSAL KIT)	U.M.	MC 10	MC 15	MC 18	MC 24	MC 30	MC 40	MC 55	MC 80	MC 110
OPENING A (UNIVERSAL KIT)	mm	600	610	630	770	800	820	1,000	1,400	1,565
	in.	23.6	26.8	24.8	30.3	31.5	32.3	39.4	55.1	61.61
LENGTH B (UNIVERSAL KIT)	mm	1,655	1,835	1,980	2,320	2,390	2,650	2,795	3,205	3,506
	in.	65.16	72.24	77.95	91.33	94.09	104.33	110.04	126.18	138.03
WIDTH P (UNIVERSAL KIT)	mm	450	455	470	470	500	650	795	1,115	1,246
	in.	17.72	17.91	18.5	18.5	19.68	25.59	31.3	43.9	49.06
EQUIPMENT WEIGHT (UNIVERSAL KIT)	Kg	320	430	580	850	900	1,150	1,650	2,600	3,600
	lbs	705	948	1,279	1,874	1,984	2,535	3,638	5,732	7,937

LIV SERIES

precision in wood cutting



- Enjoy your choice:**
- From the forest to wood waste recycling, our hydraulic wood shears are perfect for the downsizing of logs, railroad sleepers, tree stumps and wood demolition waste. The powerful jaws of the TocDem LIV wood shears are built to attack even the toughest deforestation jobs.
- The LIV wood shears are made of durable wear resistant HARDOX and STRENX steels and have a unique innovative design.
- Entirely built with HARDOX and STRENX;
 - they have sharp jaws able to breakthrough;
 - cylinders are protected to guarantee cutting forces.



LIV MODEL	U.M.	LIV 10	LIV 15	LIV 20
OPENING (A)	mm	600	790	1,000
	in.	24	31	39
LENGTH (B)	mm	1,870	2,830	3,500
	in.	74	111	138
WIDTH (C)	mm	350	530	650
	in.	14	21	26
EXCAVATOR WEIGHT	Ton	9/14	14/22	22/30
	lbs	18,000/28,000	28,000/44,000	44,000/60,000
EQUIPMENT WEIGHT	Kg	900	1,510	2,100
	lbs	1,985	3,329	4,630
OIL PRESSURE	Bar	300	300	300
	psi	4,350	4,350	4,350
OIL CAPACITY	L/min	180/200	200/240	240/300
	gal/min	48/52	52/63	63/79

RS SERIES

for precision demolition

- Entirely made in HARDOX and STRENX;
 - innovative “PRV” (Pressure Relief Valve) to protect the pulveriser from high pressure;
 - the crusher has two reversed large cylinders to protect the rod from accidental hits;
 - some models have speed valves;
 - hydraulic rotation;
- Enjoy your choice:**

The entire TocDem RS crushers series has been designed to meet the most stringent requirements of primary demolition.

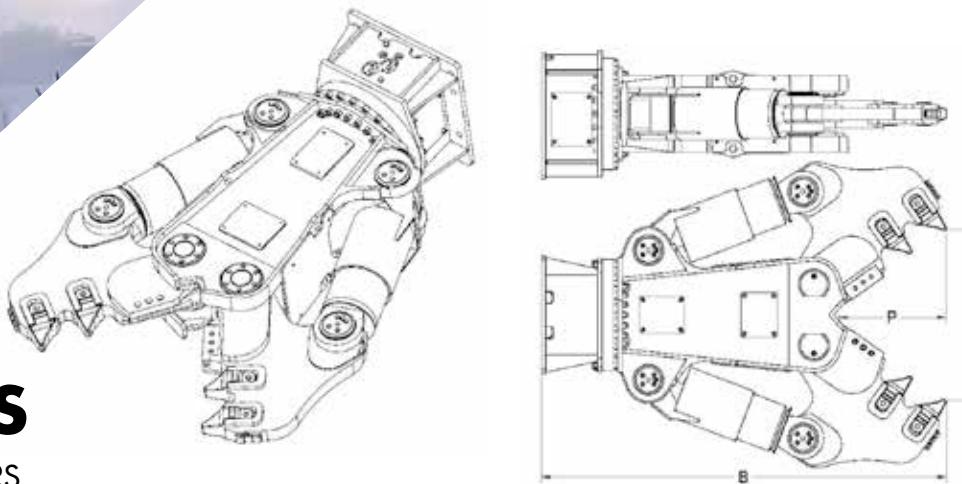
Designed with particular care to materials, the RS crushers demolish reinforced concrete structures, significantly reducing noise and vibration.

 - an integrated hydraulic system makes the crusher rotate 360° in both directions, to have a fast, accurate and efficient jaw positioning in any work condition;
 - mechanical rotation: a clutch allows 360° rotation in both directions, ideal for excavators which don't have rotation system;
 - innovative system of interchangeable teeth.



RS SERIES

DEMOLITION CRUSHERS



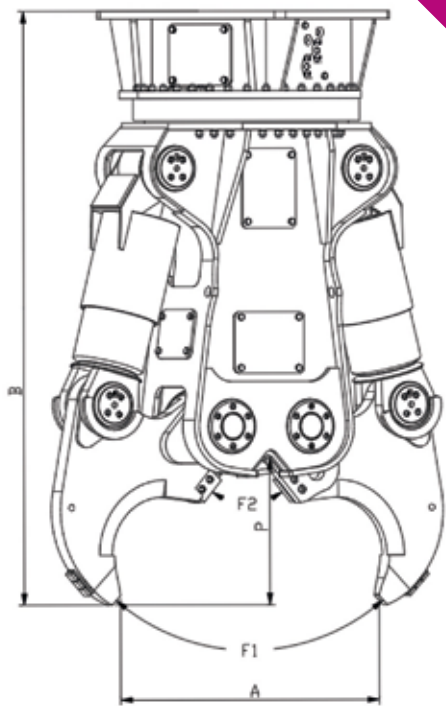
RS MODEL	U.M.	RS 200	RS 500	RS 1000	RS 1500	RS 1800	RS 2000	RS 2500	RS 4000	RS 5000	RS 6000	RS 8000	RS 12000
OPENING (A)	mm	250	405	600	710	825	920	1,100	1,350	1,500	1,650	1,830	2,300
	in.	10	16	24	28	32	36	43	53	59	65	72	91
LENGTH (B)	mm	840	1,020	1,700	2,010	2,180	2,300	2,700	2,800	2,850	3,000	3,200	3,820
	in.	33	40	67	79	85	90	106	110	112	118	126	150
WIDTH (P)	mm	300	350	460	480	665	740	880	1,034	1,055	1,080	1,185	1,410
	in.	12	14	18	19	26	29	35	41	42	43	47	56
EXCAVATOR WEIGHT	Ton	1.5/3	4/10	12/16	16/22	22/30	30/40	35/50	40/50	50/65	60/80	80/100	90/150
	lbs	3,000/6,000	8,000/20,000	24,000/32,000	32,000/44,000	44,000/60,000	60,000/80,000	70,000/100,000	80,000/100,000	100,000/130,000	120,000/160,000	160,000/200,000	180,000/300,000
EQUIPMENT WEIGHT	Kg	210	380	1,150	1,400	1,900	2,200	2,750	3,800	4,800	5,800	7,900	11,950
	lbs	463	837	2,535	3,085	4,189	4,850	6,063	8,378	10,582	12,787	17,416	26,345
OIL PRESSURE	Bar	220	250	300	340	340	340	340	340	340	340	340	340
	psi	3,190	3,625	4,350	4,930	4,930	4,930	4,930	4,930	4,930	4,930	4,930	4,930
OIL CAPACITY	L/min	20/30	30/50	200/220	220/240	250/300	280/350	280/360	300/380	350/400	380/450	400/500	450/700
	gal/min	5/8	8/13	53/58	58/63	66/79	74/92	79/90	79/100	92/106	100/119	106/132	119/185
ROTATION OIL PRESSURE	Bar	50	50	140	140	140	140	140	140	140	140	140	140
	psi	725	725	2,030	2,030	2,030	2,030	2,030	2,030	2,030	2,030	2,030	2,030
ROTATION OIL CAPACITY	L/min	15	15	30	30	30	30	30	30	60	60	60	90
	gal/min	4	4	8	8	8	8	8	8	16	16	16	24

HD SERIES

power beyond the standards



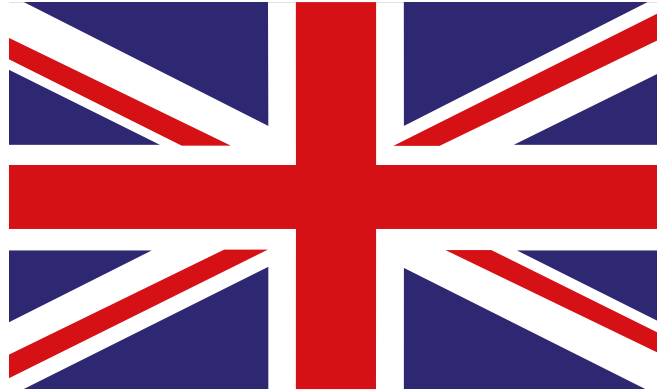
- Enjoy your choice:**
- TocDem HD series increase with a new primary demolition series which is aimed to the professionals who need ever higher performance without sacrificing solidity and ease of use.
- With this new concept, HD brings the following features to the market:
- ability to crush and break down special concrete structures;
 - new cylinders design;
 - new claws optimized for the new function;
 - overall lighter machines;
 - increased strength of the jaw at the tip.



HD SERIES

DEMOLITION CRUSHERS

HD MODEL	U.M.	HD 1000	HD 1500	HD 1800	HD 2000	HD 2500	HD 4000	HD 5000	HD 6000	HD 8000	HD 12000
OPENING (A)	mm	480	660	765	892	1,030	1,260	1,400	1,540	1,700	2,140
	in.	19	26	30	35	41	50	55	61	67	84
LENGTH (B)	mm	1,700	1,740	2,150	2,190	2,235	2,750	2,800	2,920	3,100	3,750
	in.	67	69	85	86	88	108	110	115	122	148
WIDTH (P)	mm	377	378	430	559	565	750	890	980	1,080	1,200
	in.	15	15	17	22	22	30	35	39	43	47
EXCAVATOR WEIGHT	Ton	12/16	16/22	22/30	35/50	35/50	45/60	50/65	60/80	80/100	90/150
	lbs	24,000/32,000	32,000/44,000	44,000/60,000	70,000/100,000	70,000/100,000	80,000/120,000	100,000/130,000	120,000/160,000	160,000/200,000	180,000/300,000
EQUIPMENT WEIGHT	Kg	1,150	1,400	1,900	2,200	2,580	3,800	4,800	5,800	7,900	11,950
	lbs	2,535	3,086	4,189	4,850	5,688	8,378	10,582	12,787	17,416	26,345
OIL PRESSURE	Bar	300	310	320	320	320	340	340	340	340	340
	psi	4,351	4,496	4,641	4,641	4,641	4,931	4,931	4,931	4,931	4,931
OIL CAPACITY	L/min	200/220	220/240	240/280	300/340	300/340	300/380	350/400	380/450	400/500	450/700
	gal/min	53/58	58/63	63/74	79/90	79/90	79/100	92/106	100/119	106/132	119/185
ROTATION OIL PRESSURE	Bar	140	140	140	140	140	140	140	140	140	140
	psi	2,030	2,030	2,030	2,030	2,030	2,030	2,030	2,030	2,030	2,030
ROTATION OIL CAPACITY	L/min	30	30	30	30	30	30	30	30	60	90
	gal/min	8	8	8	8	8	8	16	16	16	24
ROTATION OIL CAPACITY	L/min	15	15	30	30	30	30	30	30	60	60
	gal/min	4	4	8	8	8	8	8	8	16	16
F1	ton	27	57	120	180	180	210	250	310	385	450
F2	ton	57	180	450	695	720	830	995	1,230	1,480	1,680



Back British Business



PARAGON

TOOL HIRE

