



100% MADE IN ITALY

THE RIGHT SOLUTION
MADE IN ITALY





OSA (Officine Sallustio Arturo) Demolition Equipment is rooted from **1993** and was born through the intuition and passion of Mr. Arturo Sallustio and sons, who boast a family **tradition** of 3 generations in the precision mechanics sector and in the export of Made in Italy products throughout the world. A core philosophy and a careful design is what drove Osa Demolition Equipment to establish itself all over the world. A broad commercial reach, with accurate **pre and post sale services**, has as objective the utmost satisfaction of the final user.



10

Series of products

100

Different models

+60

Countries served

4

Factories

2500

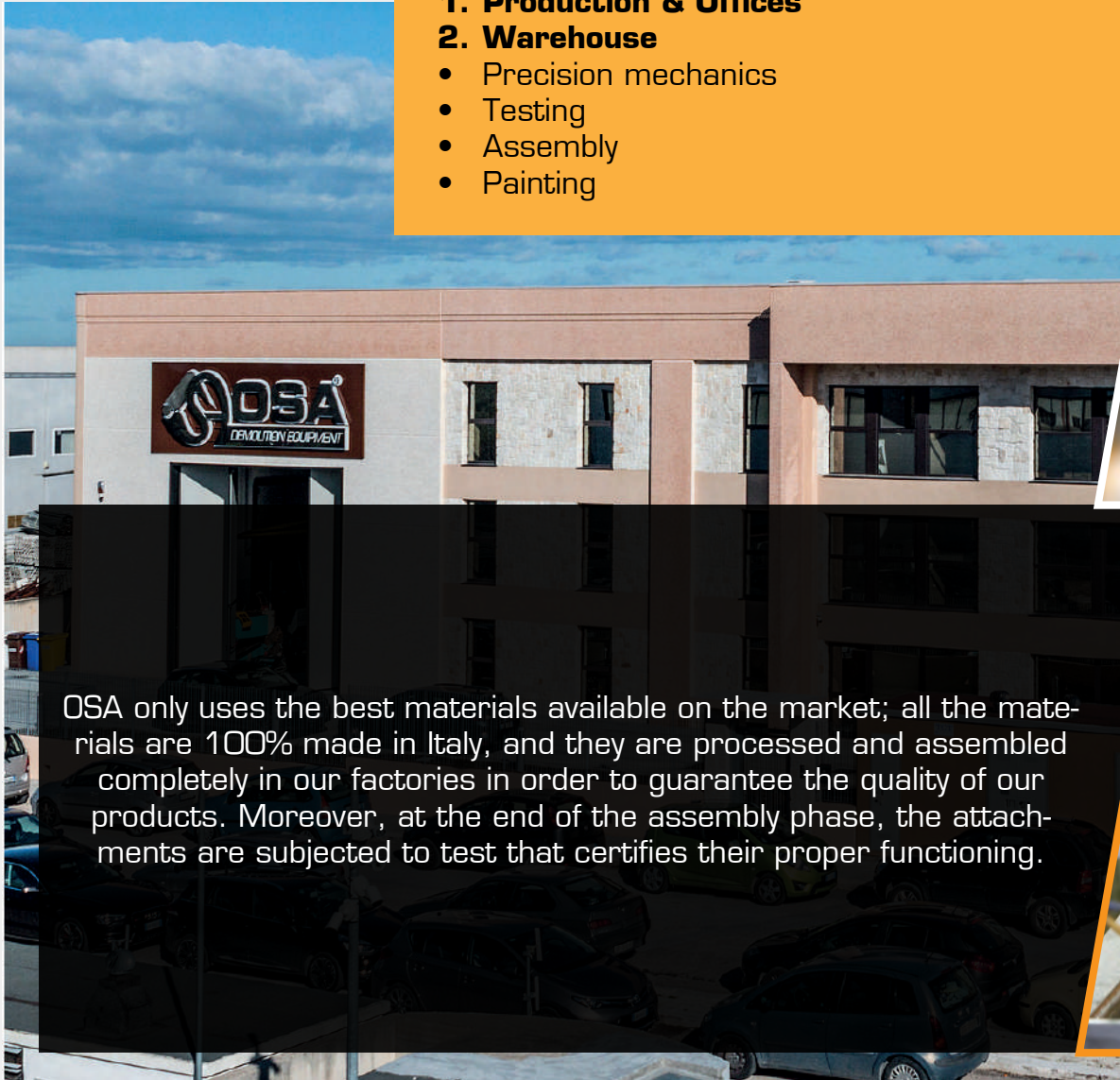
Units per year

FACTORIES

1. Production & Offices

2. Warehouse

- Precision mechanics
- Testing
- Assembly
- Painting



OSA only uses the best materials available on the market; all the materials are 100% made in Italy, and they are processed and assembled completely in our factories in order to guarantee the quality of our products. Moreover, at the end of the assembly phase, the attachments are subjected to test that certifies their proper functioning.



3. Carpentry

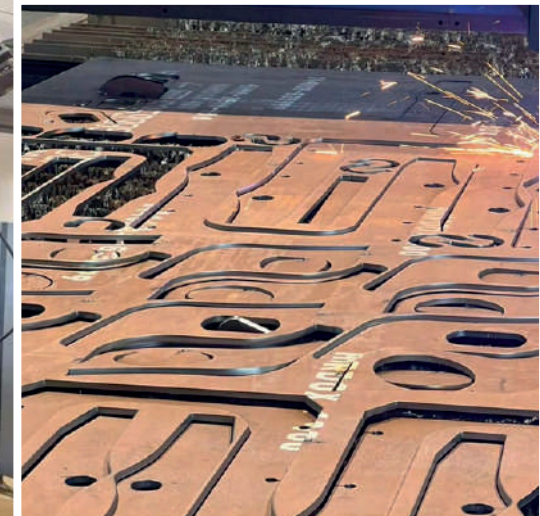
4. Welding

- CNC cutting and boaring
- Robotic welding

↑m² **14'000** production facilities

🛑 **70** employees

🎮 **50** CNC machines



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HB



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MB



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RS



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MC



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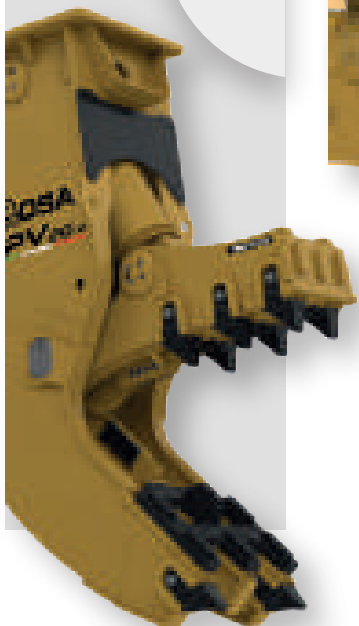
RV



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HB SERIE

GAS THRUST TECHNOLOGY

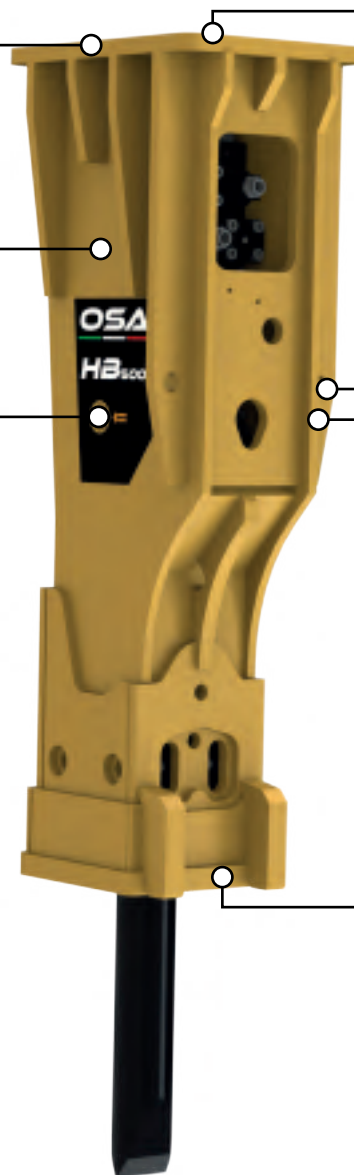
OSA breakers use the pressurized nitrogen in the head, along with the hydraulic pressure of the excavator, to increase the impact energy of the tool.

INTERNAL DISTRIBUTOR

The HB series has been designed with the system of inner control valves which, compared to the old external valve system, allows for greater impact forces, makes the speed constant even at high temperatures and protects the valve from shocks.

FREQUENCY VALVE

In the medium-large series it is possible to change the frequency and the energy of impact, according to the material to be processed. When there is a very hard material, it's recommended to increase the energy/power, reducing therefore the frequency. On the contrary, softer materials require increased frequency with decreased energy/power. This is a manual adjustment that be completed using an allen key.



UPPER/LOWER SHOCK ABSORBER

OSA breakers feature two Vulcolan shock absorbers with high vibration absorption capacity, in order to preserve the body of the hammer and drastically reduce the production of noise to the limits permitted by law.

BACK PRESSURE

The HB series can perform well with up to 290 PSI of back pressure.

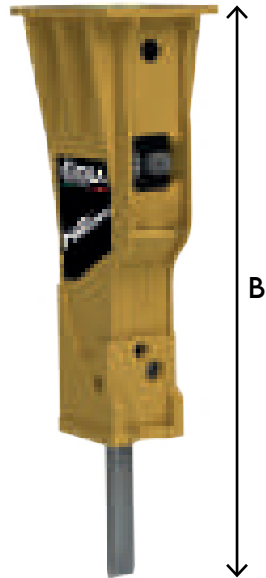
DUST PREVENTION SYSTEM

The medium-heavy HB series has a valve that prevents dust from entering, preserving the breaker from debris. This valve, when connected to a compressor, allows for underwater demolition operation.

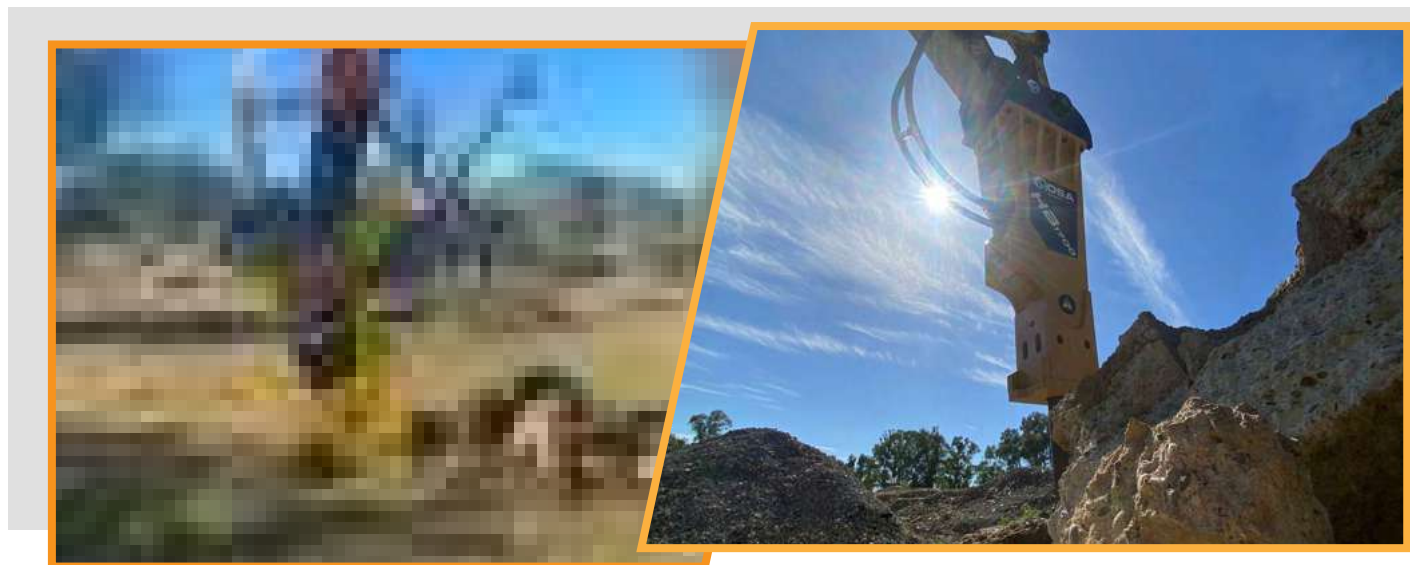
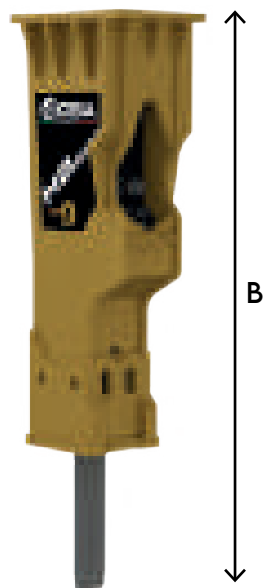
CASE PROTECTION

The case is made in HARDOX, a wear resistant material that protects the body from shocks during the demolition phase.

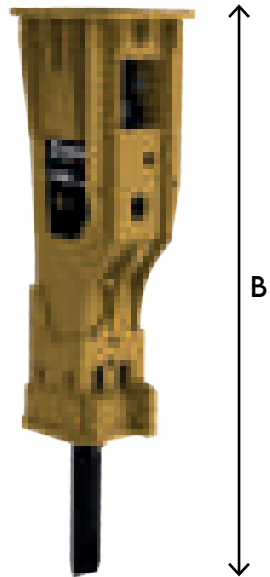
		HB 70	HB 90	HB 100	HB 150	HB 180	HB 250	HB 300	HB 350	HB 450	HB 580
TOOL DIAMETER	mm	40	40	42.5	45	56	63	67	77	85	92
	in	1.57	1.57	1.65	1.77	2.20	2.48	2.64	3.03	3.35	3.62
HEIGHT WITH TOOL (B)	mm	950	950	1035	1035	1210	1280	1300	1480	1600	1800
	in	37	37	41	41	48	50	51	58	63	71
OPERATING TOTAL WEIGHT	kg	80	100	115	155	200	260	300	405	480	670
	lbs	176.4	220.5	253.5	341.7	440.9	573.2	661.4	829.9	1058.2	1477.1
OIL PRESSURE	bar	60/130	60/130	90/120	90/120	90/120	100/130	100/130	110/140	90/140	130/150
	psi	870/1885	870/1885	1305/1740	1305/1740	1305/1740	1450/1885	1450/1885	1595/2031	1305/2031	1850/2176
OIL CAPACITY	l/min	18/25	18/25	20/35	20/35	25/50	30/60	30/70	60/90	60/100	70/100
	gal/min	5/7	5/7	5/9	5/9	7/13	9/16	8/18	16/24	16/26	18/26
STRIKE FREQUENCY	c/min	930/1300	700/1400	930/1300	700/1400	600/1200	500/1000	450/900	400/850	400/800	400/850
	s/min	930/1300	700/1400	930/1300	700/1400	600/1200	500/1000	450/900	400/850	400/800	400/850
STRIKE ENERGY	joule	150	155	160	190	330	450	550	750	850	1300
	ft lbs	111	114	118	140	243	332	406	553	627	959
EQUIPMENT WEIGHT	kg	70	90	100	140	180	240	280	380	450	580
	lbs	154.3	198.4	220.5	308.6	396.8	529.1	617.3	837.8	992.1	1278.7
BACK PRESSURE	bar	20/25	20/25	20/25	20/25	20/25	20/25	20/25	20/25	20/25	20/25
	psi	290/362	290/362	290/362	290/362	290/362	290/362	290/362	290/362	290/362	290/362
EXCAVATOR WEIGHT	ton	0.8/1.5	1/1.8	1.2/2	1.5/2.5	2.5/4.5	3/5.5	4/6	6/9	7/10	7/14
	lbs	1700/3300	2200/4000	2600/4400	3300/5500	5500/9900	6600/12000	8800/13000	13000/20000	15000/22000	15400/30800



		HB 910	HB 1250	HB 1500	HB 1700	HB 1900	HB 2500
TOOL DIAMETER	mm	102	125	134	139	140	150
	in	4.02	4.92	5.27	5.47	5.51	5.91
HEIGHT WITH TOOL (B)	mm	2050	2280	2400	2420	2430	2650
	in	81	90	94	95	96	104
OPERATING TOTAL WEIGHT	kg	1020	1340	1630	1860	2000	2750
	lbs	2248.7	2954.2	3593.5	4100.6	4409.2	6062.7
OIL PRESSURE	bar	150/170	150/170	130/160	130/160	130/150	140/160
	psi	2176/2466	2176/2466	1885/2321	1885/2321	1885/2176	2031/2321
OIL CAPACITY	l/min	80/110	90/120	150/210	150/230	180/230	250/270
	gal/min	21/29	24/32	40/55	40/61	48/61	66/71
STRIKE FREQUENCY	c/min	300/700	300/700	350/550	350/600	350/600	350/600
	s/min	300/700	300/700	350/550	350/600	350/600	350/600
STRIKE ENERGY	joule	2000	3000	4000	4200	4500	6000
	ft lbs	1475	2213	2950	3098	3319	4425
EQUIPMENT WEIGHT	kg	900	1200	1480	1710	1850	2500
	lbs	1984.2	2645.5	3262.8	3769.9	4078.6	5511.6
BACK PRESSURE	bar	20/25	20/25	20/25	20/25	20/25	20/25
	psi	290/362	290/362	290/362	290/362	290/362	290/362
EXCAVATOR WEIGHT	ton	12/16	15/18	16/22	18/22	18/24	24/36
	lbs	26500/35000	33000/40000	35200/48500	39700/48500	39700/52900	52900/79300



		HB 3000	HB 4000	HB 5000	HB 6000	HB 8000	HB 10000
TOOL DIAMETER	mm	160	175	185	200	220	240
	in	6.30	6.89	7.09	7.95	8.07	9.45
HEIGHT WITH TOOL (B)	mm	2980	3180	3250	4000	4500	5000
	in	117	125	128	157	177	197
OPERATING TOTAL WEIGHT	kg	3300	4300	5100	6000	8000	10500
	lbs	7257.3	9479.9	11243.6	13227.7	17637	23148.5
OIL PRESSURE	bar	140/160	140/190	160/190	170/210	170/210	170/210
	psi	2031/2321	2031/2757	2321/2756	2466/3046	2466/3046	2466/3046
OIL CAPACITY	l/min	260/320	280/340	260/360	310/390	350/420	450/530
	gal/min	69/85	74/90	69/95	82/103	92/111	119/140
STRIKE FREQUENCY	c/min	250/500	250/500	250/500	250/360	280/350	250/320
	s/min	250/500	250/500	250/500	250/360	280/350	250/320
STRIKE ENERGY	joule	9500	12000	13700	14500	17000	19000
	ft lbs	7007	8851	10105	10695	12539	14014
EQUIPMENT WEIGHT	kg	3000	3800	4700	5500	7500	10000
	lbs	6613.9	8378	10361.7	12125.4	16534.7	22046.2
BACK PRESSURE	bar	20/25	20/25	20/25	20/25	20/25	20/25
	psi	290/362	290/362	290/362	290/362	290/362	290/362
EXCAVATOR WEIGHT	ton	30/40	35/60	45/70	60/100	65/110	90/140
	lbs	66100/88100	77000/132000	99000/15400	133000/220000	143000/242500	198400/308600



MB SERIE

BODY WITHOUT TIE-ROD

It reduces maintenance costs.

BUSHINGS

Easily replaceable on construction site, without having to disassemble the breaker.

MAX POWER/WEIGHT RATIO

The power of MB breakers is greater, at equal weight, than the HB models.

INNOVATIVE DESIGN

Improved design for optimal work in trenches and holes digging.



INCREASED PISTON

It offers higher productivity than HB models in the same class.

PISTON AND DISTRIBUTOR

They are the only moving parts in the breaker and the distributor is incorporated into the cylinder.

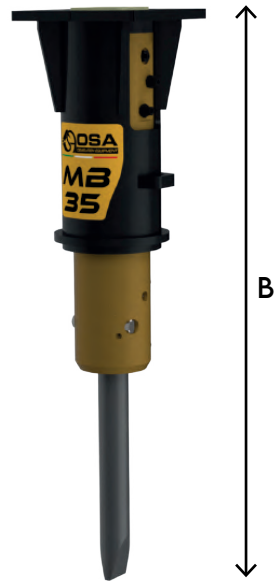
PROTECTION SYSTEM

System that protects against blank strikes

BACK PRESSURE

The MB series can perform well with up to 362 PSI of back pressure.

		MB 10	MB 15	MB 20	MB 25	MB 35	MB 45
TOOL DIAMETER	mm	40	45	56	63	77	85
	in	1.57	1.77	2.2	2.48	3.03	3.35
HEIGHT WITH TOOL (B)	mm	1000	1030	1080	1220	1300	1520
	in	39	40.5	42.5	48	51.2	59.8
OPERATING TOTAL WEIGHT	kg	120	150	190	245	340	440
	lbs	264	330	418	540	750	868
OIL PRESSURE	bar	90/120	90/120	90/120	100/130	110/140	120/150
	psi	1305/1740	1305/1740	1305/1740	1450/1885	1595/2030	1740/2176
OIL CAPACITY	l/min	15/30	20/40	25/50	30/60	40/70	50/90
	gal/min	4/8	5/10	6/13	8/16	10/18	13/24
STRIKE FREQUENCY	c/min	800/1400	700/1100	600/1000	500/900	500/800	400/750
	s/min	800/1400	700/1100	600/1000	500/900	500/800	400/750
STRIKE ENERGY	joule	190	250	330	450	750	850
	ft lbs	140	184	243	331	553	627
EQUIPMENT WEIGHT	kg	90	109	140	197	278	394
	lbs	198	240	309	434	613	868
BACK PRESSURE	bar	25	25	25	25	25	25
	psi	363	363	363	363	363	363
EXCAVATOR WEIGHT	ton	1.2/2.2	1.5/3.5	2.5/5	3/7	4/10	6/10
	lbs	2600/4800	3300/7700	5500/11000	6600/15000	8800/22000	13000/22000



RS SERIE

HYDRAULIC ROTATION

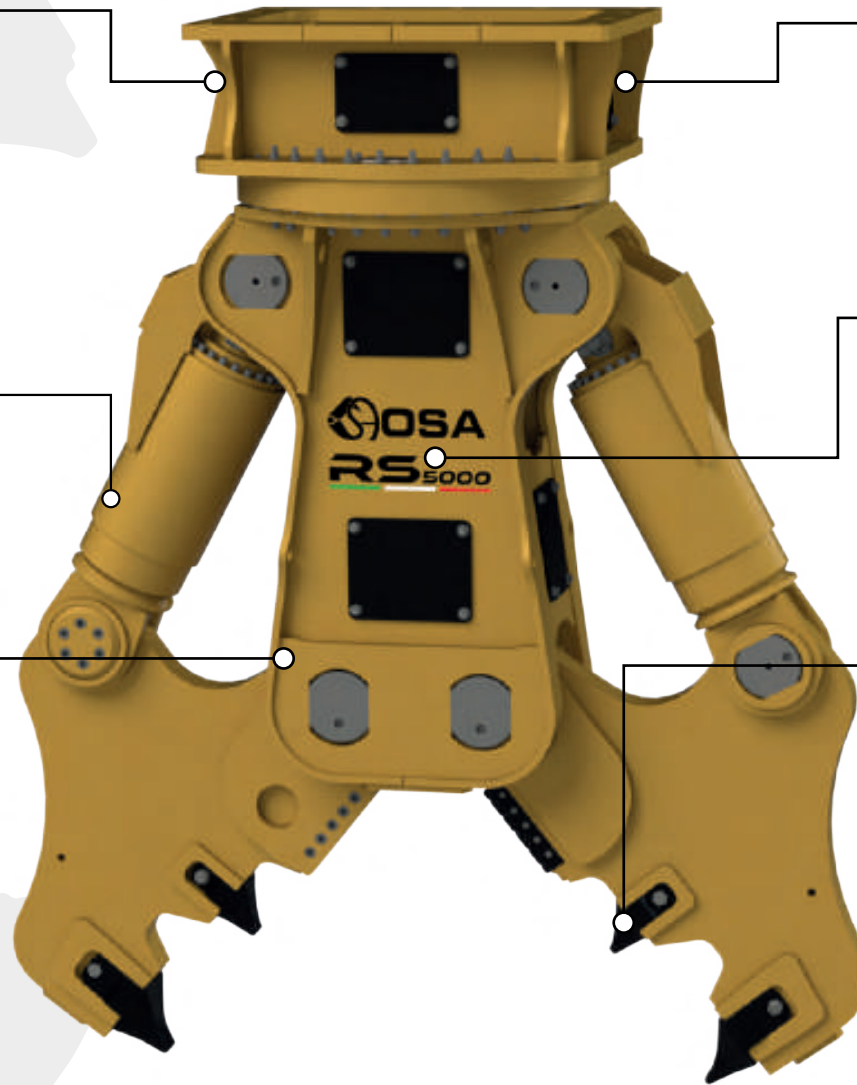
OSA crushers are equipped with a 360° hydraulic rotation system to allow a correct alignment during use. All medium-large models use a double motor design to increase the rotation torque.

HYDRAULIC CYLINDERS

The two inverted hydraulic cylinders provide optimal crushing power, while being protected from accidental impact during use.

HOUSING

Entirely made with HARDOX and WELDOX, the RS series is the most efficient for performing primary demolitions of reinforced concrete structures.



PRV SYSTEM

Innovative Pressure Relief Valve system that protects the crusher from hydraulic pressure peaks.

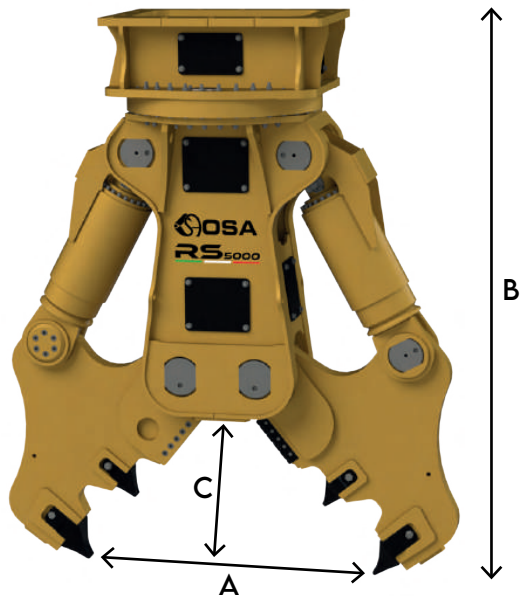
SPEED VALVE

Present in medium-large size crushers, the Speed Valve significantly increases the opening and closing speed of the cylinders.

TEETH AND BLADES

The teeth have a patented cutting profile that increases penetration and crushing of the material, unlike conventional teeth. The blades, on the other hand, are reversible in order to increase their useful life.

		RS 200	RS 1000	RS 1500	RS 1800	RS 2000	RS 2500	RS 4000	RS 5000	RS 6000	RS 8000	RS 12000
OPENING (A)	mm	250	600	710	825	920	1100	1350	1500	1650	1830	2300
	in	10	24	28	32	36	43	53	59	65	72	90.5
HEIGHT (B)	mm	840	1700	1830	2180	2300	2700	2800	2850	3000	3200	3820
	in	33	67	72	85	90	106	110	112	118	126	150
WIDTH (C)	mm	300	460	480	665	740	880	1034	1055	1080	1185	1410
	in	12	18	19	26	29	35	41	42	43	47	56
WEIGHT	kg	210	1036	1400	2070	2200	2750	3800	4800	5800	7900	11950
	lbs	463	2284	3085	4563	4850	6063	8378	10582	12787	17416	26345
OIL PRESSURE	bar	220	310	340	340	340	340	340	340	340	340	340
	psi	3190	4496	4931	4931	4931	4931	4931	4931	4931	4931	4931
OIL CAPACITY	l/min	20/30	110/150	150/180	200/230	220/300	250/350	300/380	350/400	380/450	400/500	450/700
	gal/min	5/8	29/39	39/47	52/61	58/79	66/92	79/100	92/106	100/119	106/132	119/185
ROTATION PRESSURE	bar	50	120	120	120	120	120	120	120	120	120	120
	psi	725	1740	1740	1740	1740	1740	1740	1740	1740	1740	1740
ROTATION CAPACITY	l/min	15	15/20	15/20	15/20	15/20	40	40	40	40	50	60
	gal/min	4	4/5	4/5	4/5	4/5	10.5	10.5	10.5	10.5	13	16
EXCAVATOR WEIGHT	ton	1.5/3	12/16	16/22	22/30	30/40	35/50	40/50	50/65	60/80	80/100	90/150
	lbs	3300/ 6600	26400/ 35200	35200/ 48500	48500/ 66100	66100/ 88100	77100/ 110200	88100/ 110200	110200/ 143300	132200/ 176300	176400/ 220500	198400/ 330600
OPERATING TOTAL WEIGHT	kg	230	1150	1550	2300	2400	3000	4150	5324	6380	8690	13145
	lbs	507	2535	3417	5070	5291	6614	9150	11737	14065	19158	28979



MC SERIE

HYDRAULIC ROTATION

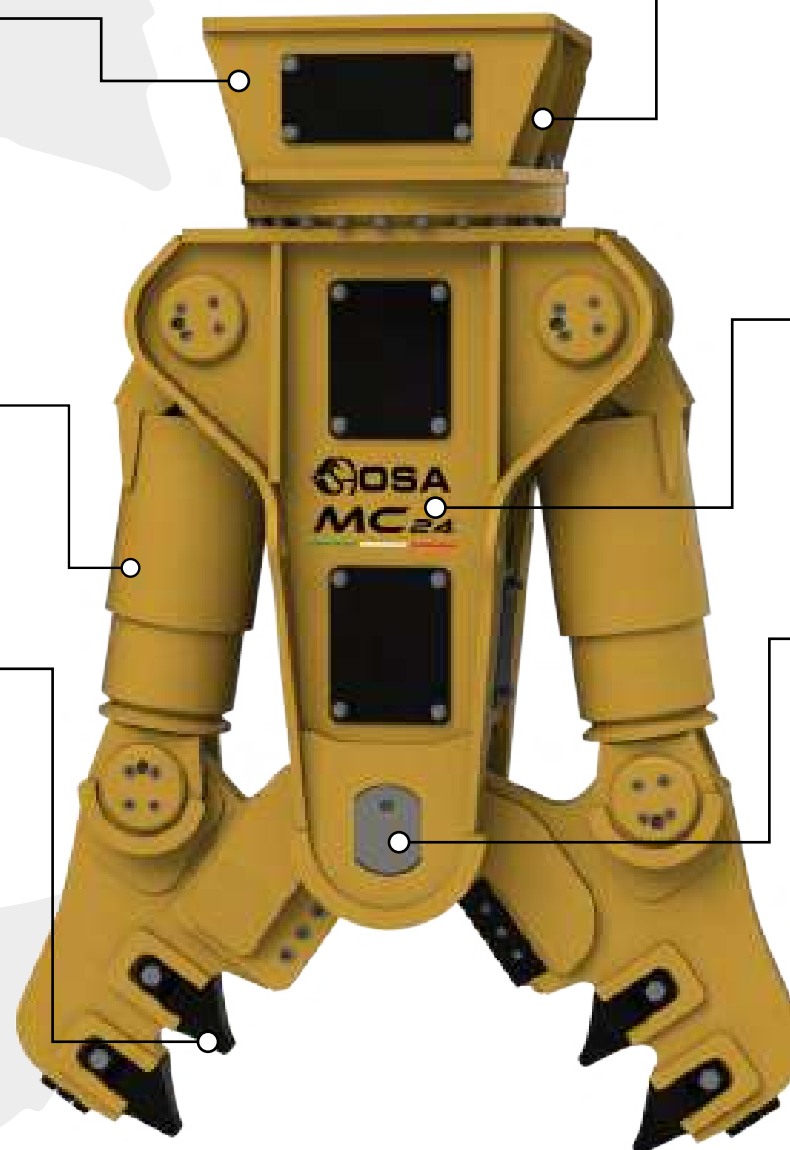
OSA crushers are equipped with a 360° hydraulic rotation system to allow a correct alignment during use. All medium-large models use a double motor design to increase the rotation torque.

HYDRAULIC CYLINDERS

The two inverted hydraulic cylinders provide optimal crushing power, while being protected from accidental impact during use.

TEETH AND BLADES

The teeth have a patented cutting profile that increases penetration and crushing of the material, unlike conventional teeth. The blades, on the other hand, are reversible in order to increase their useful life.



PRV SYSTEM

Innovative Pressure Relief Valve system that protects the crusher from hydraulic pressure peaks.

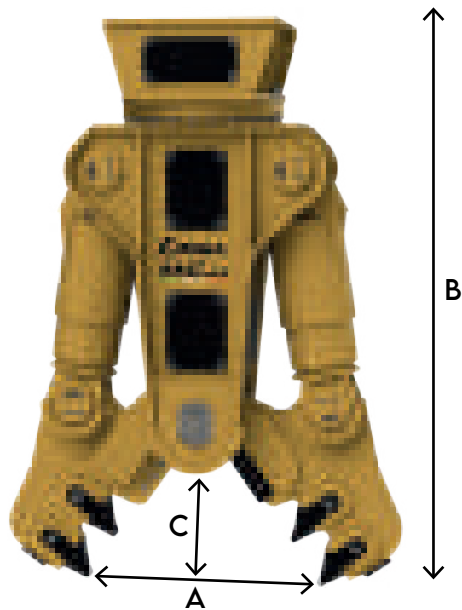
SPEED VALVE

Present in medium-large sizes Multisystem crushers, the Speed Valve significantly increases the opening and closing speed of the cylinders.

MULTI-KIT

The multisystem crushers have interchangeable kits, to be replaced according to the processing needs. This makes the MC series the ultimate expression of versatility, functionality and power.

		MC 5	MC 7	MC 10	MC 15	MC 18	MC 24	MC 30	MC 40	MC 55	MC 80	MC 110
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	8800/ 17600	15500/ 24200	26500/ 33000	30900/ 41900	46300/ 61700	57300/ 79400	66100/ 83800	79400/ 110200	110200/ 154300	176400/ 220500	187400/ 286600
WEIGHT (WITHOUT KIT)	kg	283	450	650	990	1210	1640	2380	2510	3791	5220	7300
	lbs	624	992	1433	2182	2667	3615	5247	5534	8357	11508	16094
OIL PRESSURE	bar	250	310	310	340	340	340	340	340	340	340	340
	psi	3625	4496	4496	4931	4931	4931	4931	4931	4931	4931	4931
OIL CAPACITY	l/min	30/50	100/150	140/160	200/240	250/300	260/320	280/360	300/350	340/380	400/500	500/600
	gal/min	8/13	26/40	37/42	52/63	66/79	68/84	74/95	79/92	90/100	106/132	132/158
ROTATION PRESSURE	bar	50	50	120	120	120	120	120	120	120	120	120
	psi	725	725	1740	1740	1740	1740	1740	1740	1740	1740	1740
ROTATION CAPACITY	l/min	15	15	15/20	15/20	15/20	15/20	40	40	40	50	60
	gal/min	4	4	4/5	4/5	4/5	4/5	10.5	10.5	10.5	13	16
OPERATING TOTAL WEIGHT	kg	500	700	1000	1500	1900	2500	3000	3800	5420	7942	10780
	lbs	1102	1543	2204	3306	4188	5511	6613	8377	11950	17509	23765



MC SERIE



CRUSHER KIT

		MC 5	MC 7	MC 10	MC 15	MC 18	MC 24	MC 30	MC 40	MC 55	MC 80	MC 110
OPENING (A)	mm	410	530	670	710	800	850	920	1200	1300	1700	1900
	in	16.2	20.8	26.4	28	31.5	33.5	36.2	47.2	51.2	66.9	74.8
HEIGHT (B)	mm	1230	1446	1680	1993	2050	2150	2380	2480	2850	3200	3685
	in	48.4	56.9	66.1	78.5	80.7	84.6	93.7	97.6	112.2	126	145.1
WIDTH (C)	mm	250	350	475	530	540	540	550	600	810	1110	1425
	in	9.9	13.8	18.7	20.9	21.3	21.3	21.7	23.6	31.9	43.7	56.1
WEIGHT	kg	115	200	270	474	522	600	741	873	1422	2580	3800
	lbs	253	440	595	1044	1150	1323	1633	2450	3134	5688	8378

SHEAR KIT

		MC 5	MC 7	MC 10	MC 15	MC 18	MC 24	MC 30	MC 40	MC 55	MC 80	MC 110
OPENING (A)	mm	340	270	370	370	460	540	560	620	700	750	800
	in	13.4	10.7	14.6	14.6	18.1	21.3	22	24.4	27.6	29.5	31.5
HEIGHT (B)	mm	1214	1466	1696	1885	1910	2150	2256	2430	2600	2610	2815
	in	47.8	57.7	66.8	74.2	75.2	84.6	88.8	95.7	102.8	102.8	110.8
WIDTH (C)	mm	280	370	370	380	400	400	410	430	485	520	555
	in	11	14.6	14.6	14.9	15.8	15.8	16.1	16.9	19.1	20.5	21.8
WEIGHT	kg	83.5	195	282	400	476	616	665	960	1310	2000	2500
	lbs	184	430	621	882	1050	1358	1466	2116	2888	4409	5511





COMBI-CUTTER KIT

		MC 10	MC 15	MC 18	MC 24	MC 30	MC 40	MC 55	MC 80	MC 110
OPENING (A)	mm	570	720	830	865	870	1100	1300	1600	1750
	in	22.4	28.3	32.7	34.1	34.3	43.3	51.2	63	68.9
HEIGHT (B)	mm	1745	2040	2115	2120	2404	2500	2750	3015	3270
	in	67.7	80.3	83.3	83.5	94.7	98.4	108.3	118.7	128.7
WIDTH (C)	mm	510	575	605	570	615	650	750	925	1010
	in	20	22.6	23.8	22.5	24.2	25.6	29.5	36.4	39.8
WEIGHT	kg	320	489	585	695	770	1100	1350	2550	3750
	lbs	705	1078	1289	1532	1700	2425	2976	5622	8267

PULVERIZER KIT

		MC 5	MC 7	MC 10	MC 15	MC 18	MC 24	MC 30	MC 40	MC 55	MC 80	MC 110
OPENING (A)	mm	310	500	570	650	800	830	920	1000	1100	1600	1800
	in	12.2	19.7	22.4	25.6	31.5	32.7	36.2	39.4	43.3	63	70.9
HEIGHT (B)	mm	1225	1486	1715	1980	2080	2160	2470	2537	2870	3355	3685
	in	48.2	58.5	67.5	78	81.9	85	97.2	99.9	113	132.1	145.1
WIDTH (C)	mm	250	390	510	560	570	600	620	576	870	1265	1425
	in	9.9	15.4	20	22	22.4	23.6	24.4	22.7	34.3	49.8	56.1
WEIGHT	kg	100	230	320	500	615	688	938	1151	1690	2800	3800
	lbs	220	507	705	1102	1356	1517	2068	2537	3726	6173	8378



UNIVERSAL KIT

		MC 10	MC 15	MC 18	MC 24	MC 30	MC 40	MC 55	MC 80	MC 110
OPENING (A)	mm	600	610	630	708	800	820	1000	1400	1565
	in	23.6	24	24.8	27.9	31.5	32.3	39.4	55.1	61.6
HEIGHT (B)	mm	1655	1835	1980	2230	2390	2650	2795	3205	3506
	in	65.2	72.2	78	87.8	94.1	104.3	110	126.2	138
WIDTH (C)	mm	450	455	470	470	500	650	795	1115	1246
	in	17.7	17.9	18.5	18.5	19.7	25.6	31.3	43.9	49.1
WEIGHT	kg	320	430	580	862	900	1180	1650	2600	3600
	lbs	705	948	1279	1900	1984	2601	3638	5732	7937



RV SERIE

PRV SYSTEM

Innovative Pressure Relief Valve system that protects the crusher from hydraulic pressure peaks.

HYDRAULIC CYLINDER

The RV series has an inverted hydraulic cylinder to protect the rod from accidental impact during demolition.

HYDRAULIC ROTATION

OSA crushers are equipped with a 360° hydraulic rotation system to allow a correct alignment during use. All medium-large models use a double motor design to increase the rotation torque.

TEETH AND BLADES

The teeth have a patented cutting profile that increases penetration and crushing of the material, unlike conventional teeth. The blades, on the other hand, are reversible in order to increase their useful life.

SPEED VALVE

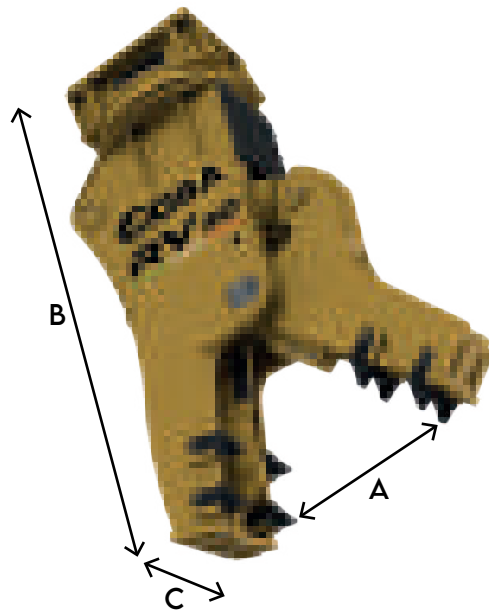
Present in medium-large size rotating crushers, the Speed Valve significantly increases the opening and closing speed of the cylinder.

HOUSING

The rotating crusher is made entirely of HARDOX 400, which makes it suitable for primary and secondary demolition.



		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	790	840	880	1010	1130	1280	1350	1720
	in	20	25	31	33	34.6	39.7	45	50	53	68
HEIGHT (B)	mm	1600	1815	2120	2300	2400	2660	2850	3230	3400	3800
	in	63	71.5	83.5	90.6	94.5	105	112	127	134	150
WIDTH (C)	mm	340	390	500	500	530	530	550	660	620	650
	in	13.4	15.5	19.7	19.7	20.8	20.8	22	26	24.4	25.6
WEIGHT	kg	660	1105	1710	2000	2500	2970	3940	5850	7800	9950
	lbs	1455	2436	3769	4400	5511	6547	8686	12897	17196	21935
OIL PRESSURE	bar	250	310	340	340	340	340	340	340	340	340
	psi	3625	4496	4931	4931	4931	4931	4931	4931	4931	4931
OIL CAPACITY	l/min	80/100	100/150	150/220	210/260	250/300	280/320	300/350	330/400	400/500	500/600
	gal/min	21/26	26/39	39/58	55/68	66/79	74/84	79/92	87/105	105/132	132/158
ROTATION PRESSURE	bar	50	120	120	120	120	120	120	120	120	120
	psi	725	1740	1740	1740	1740	1740	1740	1740	1740	1740
ROTATION CAPACITY	l/min	15	15/20	15/20	15/20	40	40	40	40	40	40
	gal/min	4	4/5	4/5	4/5	10.5	10.5	10.5	10.5	10.5	10.5
OPERATING TOTAL WEIGHT	kg	710	1200	1850	2200	2700	3270	4300	6300	8550	10945
	lbs	1565	2645	4078	4850	5952	7209	9480	13900	18850	24100
EXCAVATOR WEIGHT	ton	7/12	9/15	15/20	20/26	25/32	30/40	38/55	55/70	70/90	90/120
	lbs	15400/ 26500	19900/ 33000	33000/ 44000	44000/ 57300	55000/ 70500	66000/ 88000	84800/ 121300	121300/ 154300	154300/ 198400	198400/ 264500



FPV SERIE

SPEED VALVE

Present in medium-large size fixed pulverizers, the Speed Valve significantly increases the opening and closing speed of the cylinder.

PRV SYSTEM

Innovative Pressure Relief Valve system that protects the crushers from hydraulic pressure peaks.

HYDRAULIC CYLINDER

The FPV series has an inverted hydraulic cylinder to protect the rod from accidental impact.

HOUSING

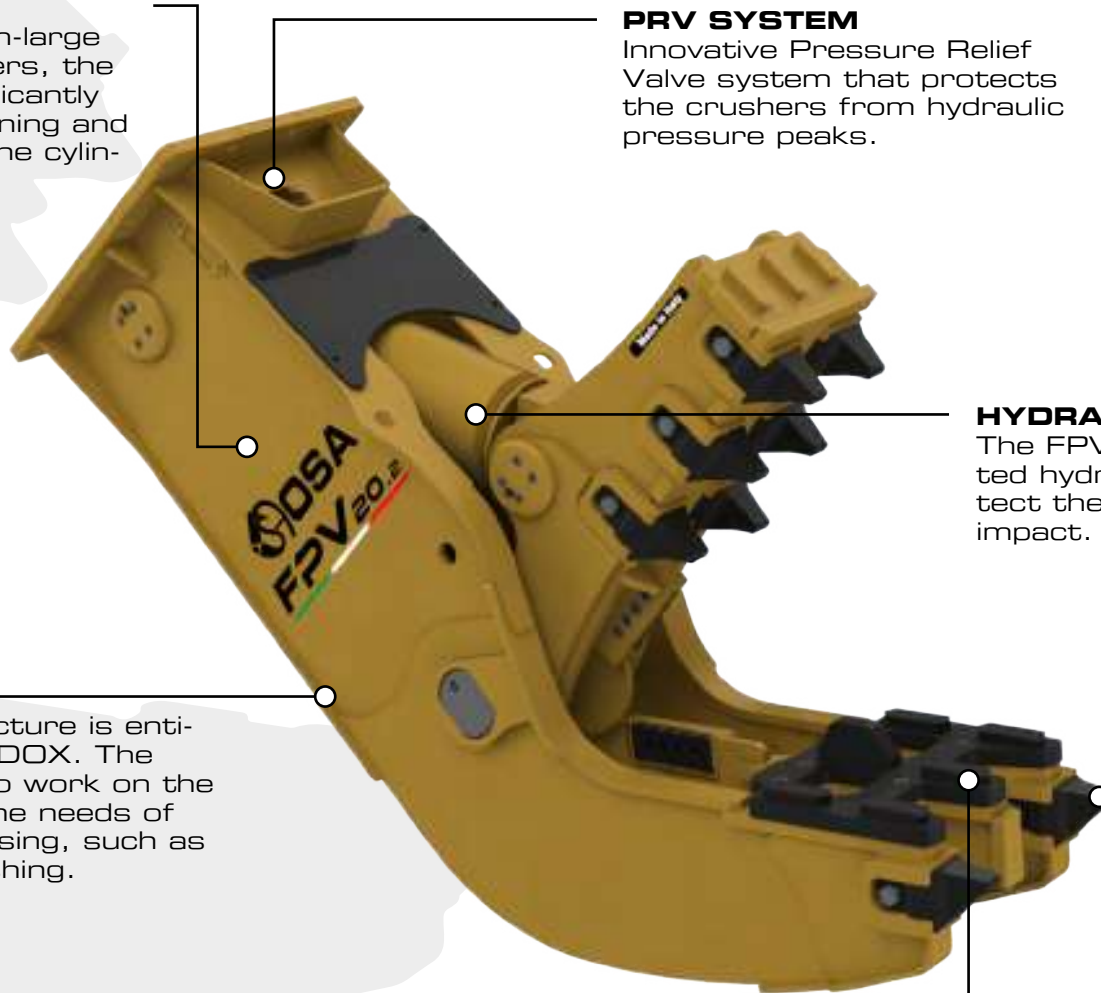
The machine structure is entirely made of HARDOX. The FPV is designed to work on the ground to meet the needs of secondary processing, such as recycling and crushing.

INTERCHANGEABLE PLATE

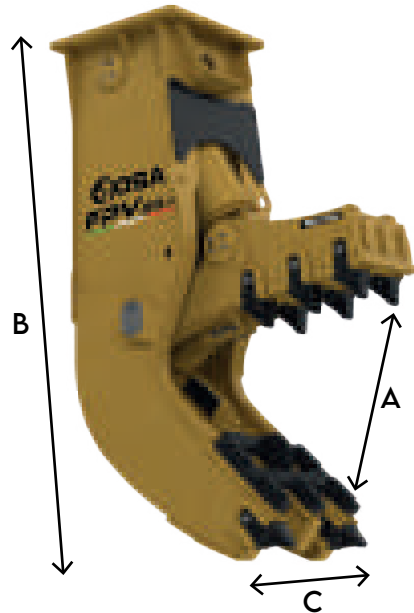
Some models of the FPV series have a plate that has demolition functions, just like the teeth. This plate prevents wear of the structural material, increasing the lifespan of the attachment.

TEETH AND BLADES

The teeth have a patented cutting profile that increases penetration and crushing of the material, unlike conventional teeth. The blades, on the other hand, are reversible in order to increase their useful life.



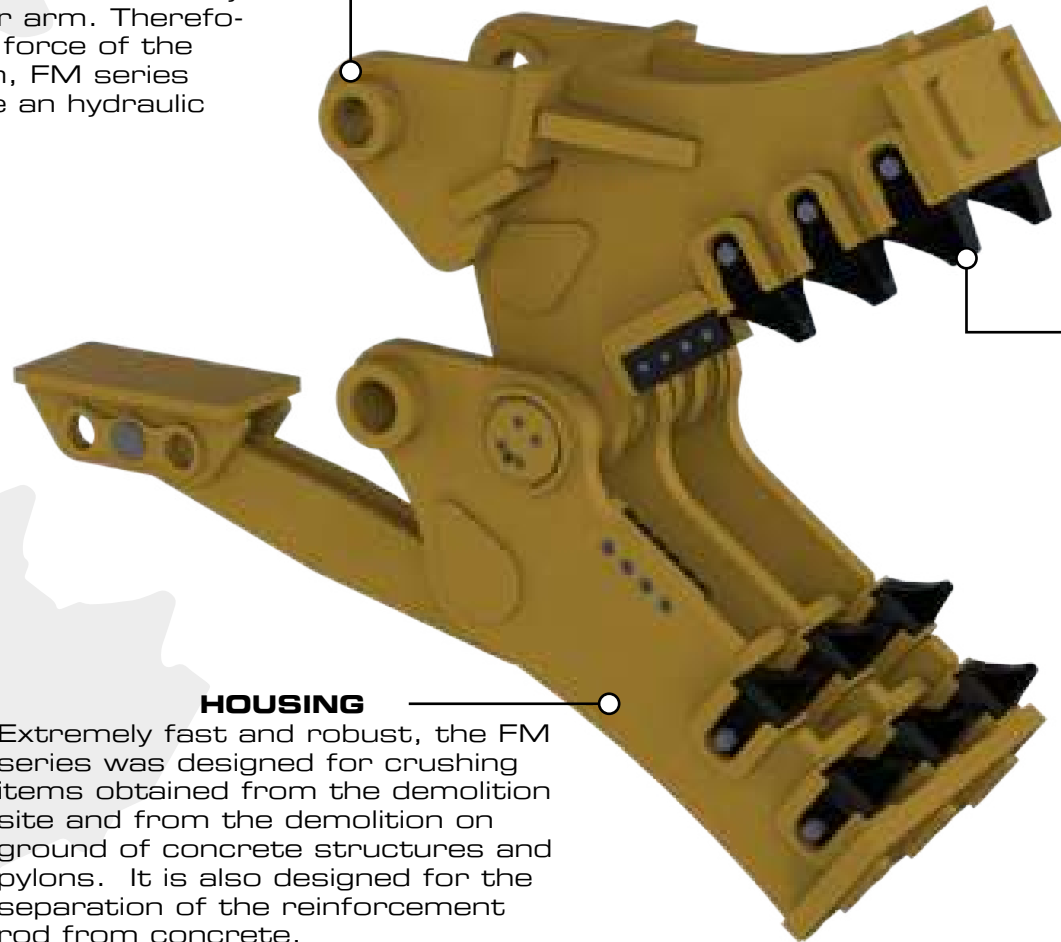
		FPV 6	FPV 12	FPV 17	FPV 20.2	FPV 30.2	FPV 45	FPV 60	FPV 100
OPENING (A)	mm	510	700	815	850	1040	1080	1130	1800
	in	20	27	32	34	41	42.5	44.5	71
HEIGHT (B)	mm	1300	1920	2080	2300	2660	2700	2960	3200
	in	51	76	82	90.5	105	106	116	126
WIDTH (C)	mm	330	400	460	550	560	600	760	950
	in	13	15.8	18.1	21.7	22	23.6	29.9	37.4
WEIGHT	kg	500	1100	1550	2050	2800	4500	5720	10400
	lbs	1102	2425	3417	4520	6173	9920	12610	22928
OIL PRESSURE	bar	250	310	340	340	340	340	340	340
	psi	3625	4495	4931	4931	4931	4931	4931	4931
OIL CAPACITY	l/min	80/100	180/220	200/240	220/280	280/330	300/350	400/500	500/600
	gal/min	21/26	47/58	52/63	58/73	73/87	79/92	106/132	132/158
EXCAVATOR WEIGHT	ton	6/7	12/17	16/20	21/29	30/45	40/60	60/80	80/130
	lbs	13300/ 15400	26500/ 37500	35200/ 44100	46300/ 64000	66200/ 99200	88200/ 132300	132200/ 176300	176300/ 286600
OPERATING TOTAL WEIGHT	kg	580	1220	1700	2200	3100	4700	6300	11440
	lbs	1278	2690	3748	4850	6834	10360	13889	25220



FM SERIE

EXCAVATOR MOUNTED

The mechanical crushers of the FM series are mounted directly on the excavator arm. Therefore, by using the force of the excavator piston, FM series does not require an hydraulic system.



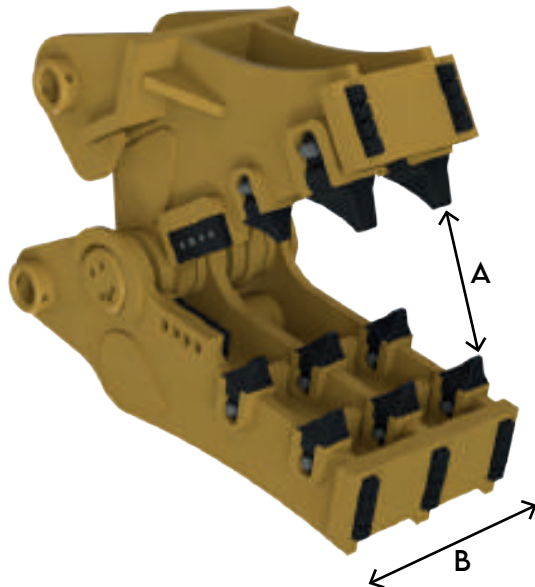
TEETH AND BLADES

The teeth have a patented cutting profile that increases penetration and crushing of the material, unlike conventional teeth. The blades, on the other hand, are reversible in order to increase their useful life.H

HOUSING

Extremely fast and robust, the FM series was designed for crushing items obtained from the demolition site and from the demolition on ground of concrete structures and pylons. It is also designed for the separation of the reinforcement rod from concrete.

		FM 20	FM 25	FM 30	FM 40	FM 55	FM 65	FM 95
OPENING (A)	mm	900	1100	1150	1250	1350	1450	1550
	in	35	43	45	49	53	57	61
WIDTH (B)	mm	600	690	710	750	810	870	930
	in	24	27	28	29.5	32	34	37
BLADE	mm	200	200	240	240	240	280	280
	in	7.9	7.9	9.45	9.45	9.45	11	11
WEIGHT	kg	1000	1400	2000	2500	2800	4000	4900
	lbs	2205	3086	4409	5512	6173	8818	10803
EXCAVATOR WEIGHT	ton	18/22	22/32	32/42	42/60	50/65	60/80	90/100
	lbs	40000/ 48000	48000/ 70000	70000/ 90000	90000/ 130000	110000/ 140000	130000/ 175000	200000/ 220000



SH SERIE

HYDRAULIC ROTATION

OSA shears are equipped with a 360° hydraulic rotation system to allow a correct alignment during use. All medium-large models use a double motor.

HYDRAULIC CYLINDER

The SH series has an inverted hydraulic cylinder to protect the rod from accidental impact during demolition.

JAW GUIDES

Ensures a proper alignment of the jaws, even under high force conditions.

PRV SYSTEM

Innovative Pressure Relief Valve system that protects the Shears from hydraulic pressure peaks.

TIP

The shears use a Bolt-On tip that protects the upper jaw during the cutting phase. The two-piece design offers great reliability, with maximum efficiency and cutting power.

SPEED VALVE

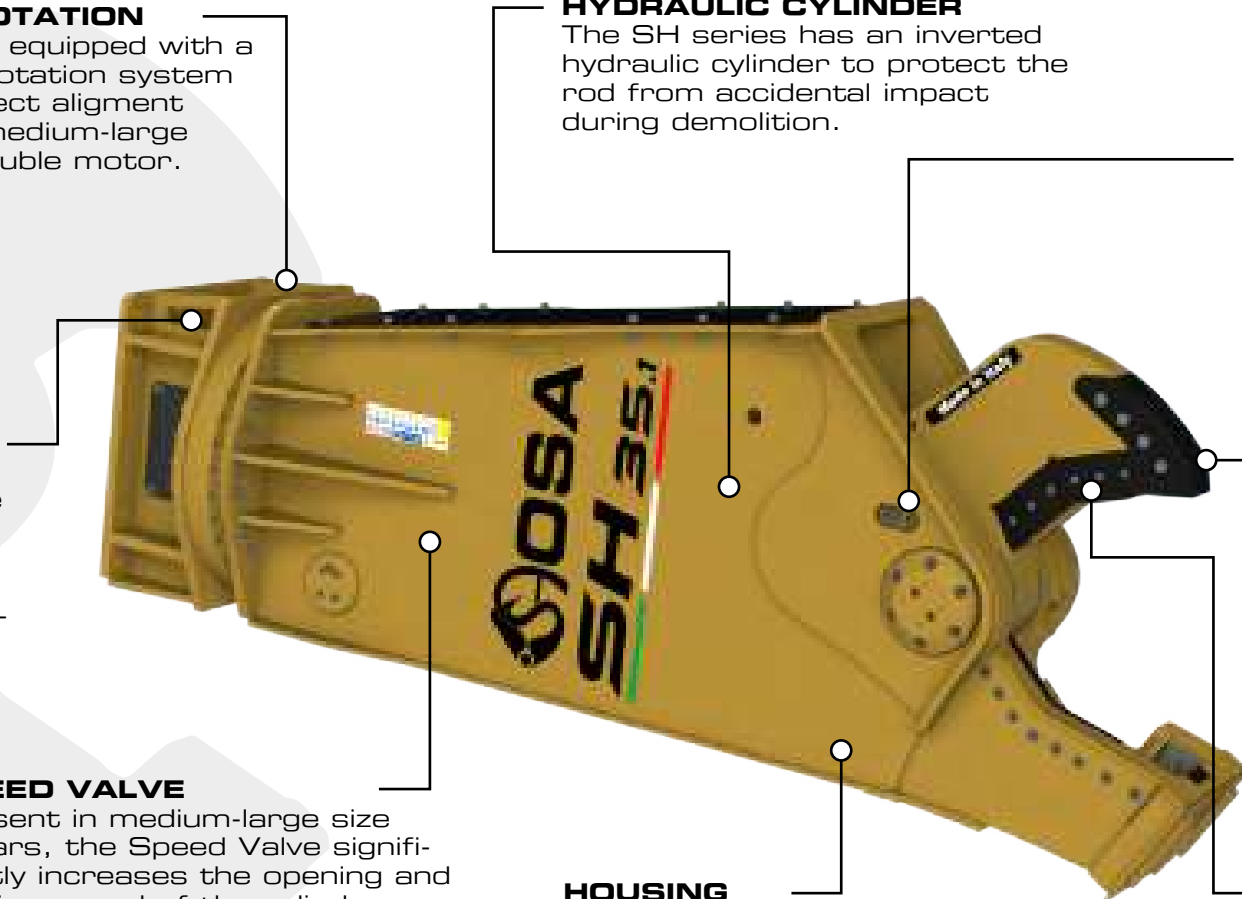
Present in medium-large size shears, the Speed Valve significantly increases the opening and closing speed of the cylinder.

HOUSING

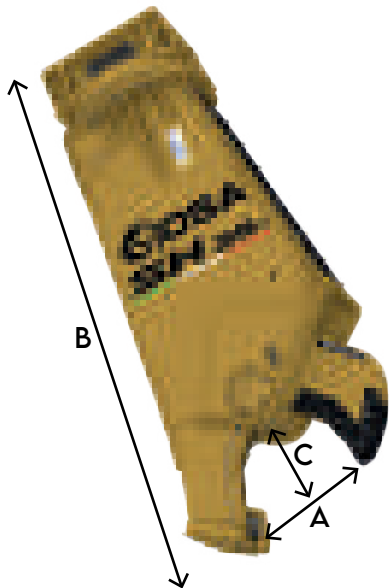
Manufactured entirely of HARDOX, the robust housing of the SH shears make it suitable for steel demolition. The narrow body design protects the cylinder from the material resulting from the demolition while minimizing any obstruction on the operator's view.

BLADES

The blades are reversible, interchangeable and easy to replace.



		SH 6	SH 12	SH 20.1	SH 25.1	SH 35.1	SH 45	SH 55.1	SH 70	SH 80	SH 100	SH 120
OPENING (A)	mm	365	440	530	580	690	700	800	850	870	900	950
	in	14	17	21	23	27	28	31.5	33	34	36	37
HEIGHT (B)	mm	1880	2450	2785	2840	3170	3361	3960	4700	4170	5000	5300
	in	74	96	110	112	125	132	156	185	164	197	209
WIDTH (C)	mm	240	400	495	510	570	690	835	800	850	900	950
	in	9	16	19	20	22	27	33	31	33	36	37
WEIGHT	kg	640	1250	2080	2530	3200	4365	5691	6900	7830	9950	11500
	lbs	1411	2756	4586	5578	7055	9623	12445	15212	17262	21936	25353
OIL PRESSURE	bar	250	310	340	340	340	340	340	340	340	340	340
	psi	3626	4496	4931	4931	4931	4931	4931	4931	4931	4931	4931
OIL CAPACITY	l/min	80/100	120/160	200/220	200/260	240/300	300/350	350/400	380/430	400/500	500/700	700/900
	gal/min	21/26	31/42	53/58	53/68	63/79	79/92	92/106	100/113	106/132	132/185	185/238
ROTATION PRESSURE	bar	50	120	120	120	120	120	120	120	120	120	120
	psi	725	1740	1740	1740	1740	1740	1740	1740	1740	1740	1740
ROTATION CAPACITY	l/min	15	15/20	15/20	15/20	40	40	40	40	40	60	60
	gal/min	4	4/5	4/5	4/5	10.5	10.5	10.5	10.5	10.5	15.8	15.8
EXCAVATOR WEIGHT AT BUCKET PLACE	ton	7/12	12/18	20/28	26/34	34/40	45/60	50/70	70/100	80/110	90/120	100/130
	lbs	15400/ 26400	26400/ 39700	44000/ 61700	57300/ 75000	75000/ 88100	99200/ 132300	110200/ 154300	154300/ 220400	176300/ 242500	198400/ 264500	220400/ 286600
EXCAVATOR WEIGHT AT BOOM PLACE	ton	4/7	7/10	14/18	16/22	22/30	28/35	30/45	45/60	50/70	70/90	90/110
	lbs	8800/ 15400	15400/ 22000	30800/ 39700	35300/ 48500	48500/ 66100	61700/ 77200	66200/ 99200	99200/ 132300	110200/ 154300	154300/ 198400	198400/ 242500



GR SERIE

HYDRAULIC ROTATION

The continuous 360° rotation offers precise positioning of the attachment during use. All medium-large models use two hydraulic motors to increase the rotation torque and reduce component strain. In addition, there is a rotation valve which protects the motor from unwanted pressure spikes.

END OF STROKE STOP

Significantly reduces the stresses on the hydraulic cylinder and pins.

BLADE AND BLADE HOLDER

The blades are interchangeable and easy to replace. Anti-shock bars are positioned on the blade holder in order to drastically reduce vibrations during the gripping phase.

HOUSING

Manufactured entirely of HARDOX, ideal for demolition of brick structures, handling and sorting of wood and other types of materials. The housing has HARDOX reinforcements positioned in high contact areas to protect it from impacts and reduce wear.

OVERCENTER AND PRESSURE RELIEF VALVE

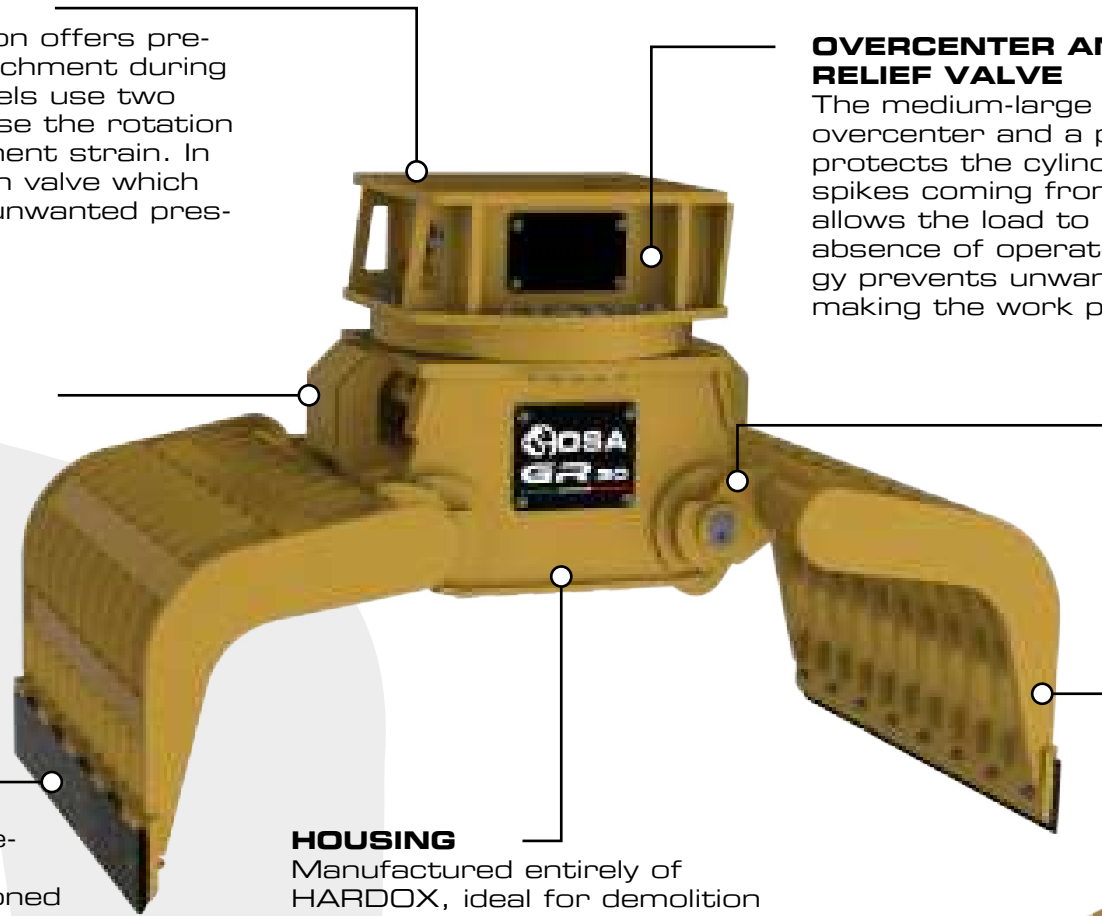
The medium-large GR series feature an overcenter and a pressure relief valve. It protects the cylinder from pressure spikes coming from the excavator, and allows the load to be retained in the absence of operator input. This technology prevents unwanted fall of the load, making the work phases on site safer.

CONNECTING RODS

All GR series attachments use two connecting rods synchronized with the cylinder which favors homogeneous opening and closing of the jaws.

JAWS

The jaws have mechanical stops which prevent the cylinder from being subjected to end-of-stroke shocks.



DEMOLITION

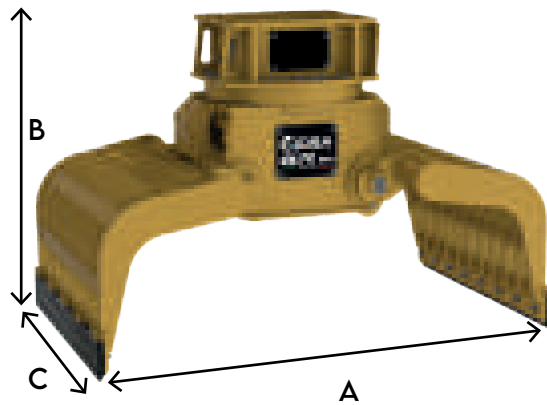
SELECTION

HEAVY DUTY

CHARGE



		GR 1	GR 3	GR 5	GR 7	GR 10	GR 15	GR 20	GR 25	GR 30	GR 40
OPENING (A)	mm	850	1050	1555	1750	2060	2145	2200	2430	2450	3000
	in	33.5	41	61.2	69	81.1	84.5	86.6	96.5	96.5	118
HEIGHT (B)	mm	740	940	1107	1375	1400	1475	1475	1581	1650	1860
	in	29	37	43.6	54	55	58	58	62	65	73
WIDTH (C)	mm	450	500	500	700	800	1000	1200	1400	1500	1500
	in	17.5	20	20	27.5	31.5	39.5	47	55	59	59
EXCAVATOR WEIGHT	kg	1.8/2.5	2.5/4	4/8	9/14	14/18	18/22	22/30	30/50	35/60	45/65
	lbs	4000/5500	5500/8800	8800/17600	19800/30800	30800/39600	39600/48500	48500/66100	66100/110200	77100/132300	99200/143300
WEIGHT	kg	187	270	420	737	1060	1430	1787	2250	2680	3740
	lbs	412	595	929	1625	2335	3153	3940	4960	5908	8245
OIL PRESSURE	bar	180	180	200	250	300	300	300	300	300	300
	psi	2610	2610	2900	3626	4351	4351	4351	4351	4351	4351
OIL CAPACITY	l/min	25	25	30	50	80/100	80/100	80/100	80/120	120/140	120/140
	gal/min	6	6	8	13	21/26	21/26	21/26	21/31	31/37	31/37
ROTATION PRESSURE	bar	50	50	50	50	120	120	120	120	120	120
	psi	725	725	725	725	1740	1740	1740	1740	1740	1740
ROTATION CAPACITY	l/min	15	15	15	15/20	15/20 (40)	15/20 (40)	15/20 (40)	40	40	40
	gal/min	4	4	4	4/5	4/5 (10.5)	4/5 (10.5)	4/5 (10.5)	10.5	10.5	10.5
OPERATING TOTAL WEIGHT	kg	-	300	480	810	1180	1550	1960	2475	2950	4100
	lbs	-	661	1060	1786	2600	3417	3940	5456	6500	9040



LIV SERIE

HOUSING

The forestry shears are manufactured using HARDOX and STRENX with an innovative design. They are perfect for cutting wood, logs and stumps thanks to their powerful jaw, making them capable of tackling the toughest deforestation jobs.

HYDRAULIC CYLINDER

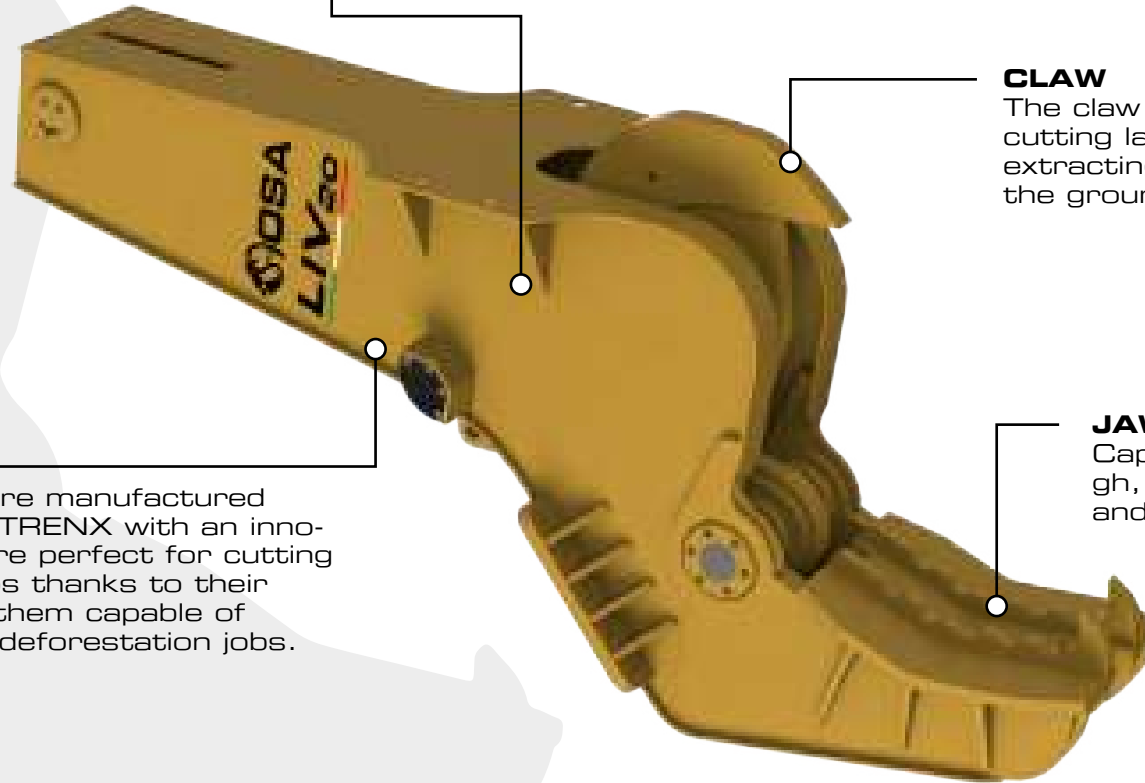
It is designed to be fully protected while guaranteeing excellent cutting forces.

CLAW

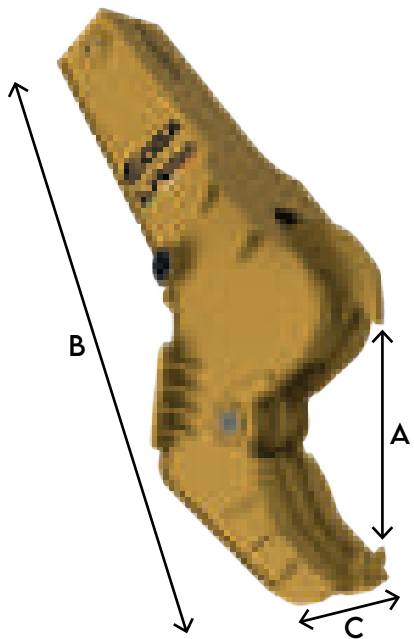
The claw design is ideal for cutting large logs and extracting stumps from the ground.

JAWS

Capable of breaking through, the jaws are strong and sharp.

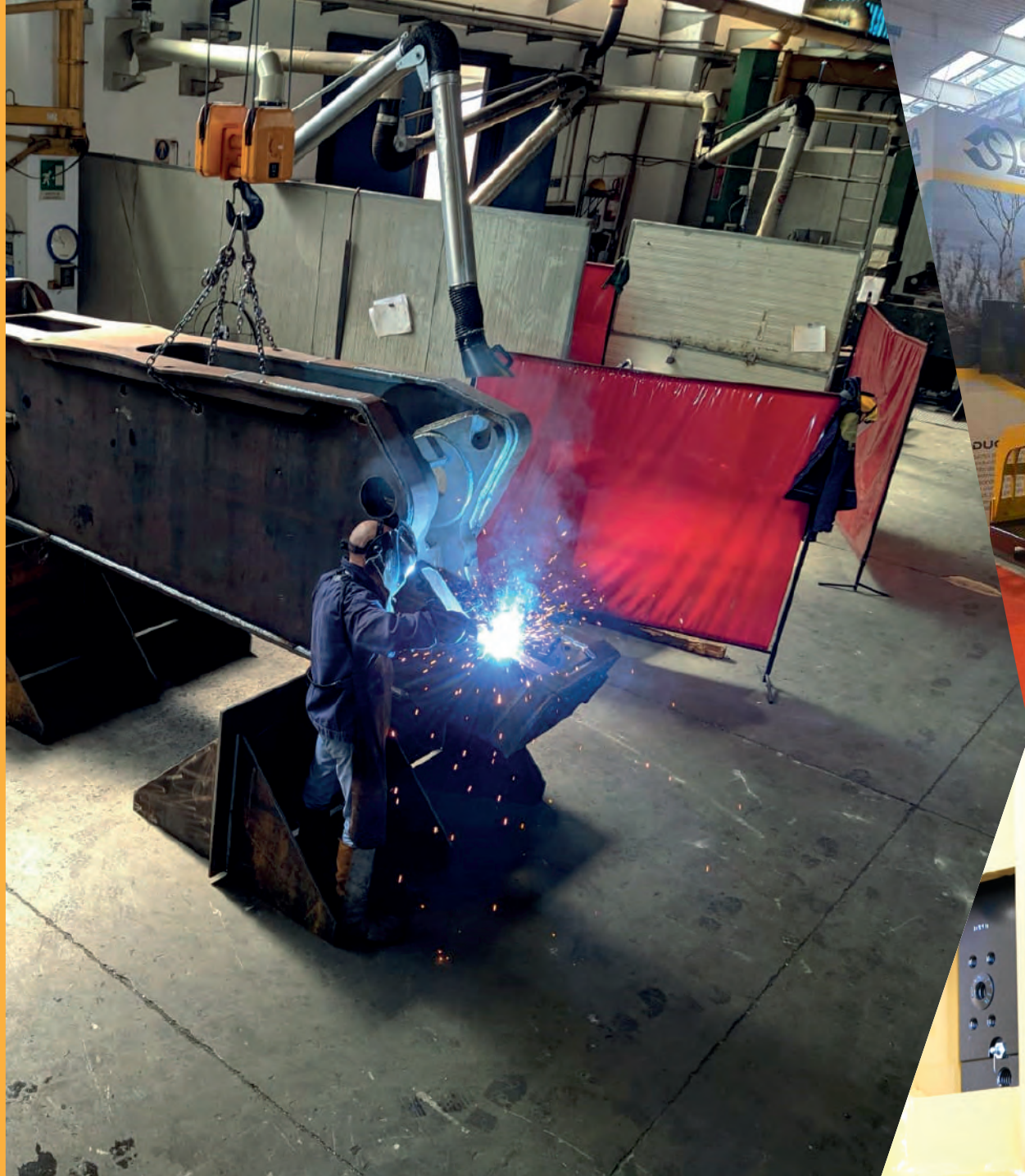


		LIV 10	LIV 15	LIV 20
OPENING (A)	mm in	620 24.5	790 31	1000 39
HEIGHT (B)	mm in	2000 78.8	2830 111	3500 138
WIDTH (C)	mm in	400 15.7	530 21	650 26
WEIGHT	kg lbs	980 2002	1510 3329	2100 4630
OIL PRESSURE	bar psi	300 4352	300 4352	300 4352
OIL CAPACITY	l/min gal/min	180/200 48/53	200/240 53/63	240/300 63/79
EXCAVATOR WEIGHT	kg lbs	9/14 19800/30900	14/22 30800/48500	22/30 48500/66200
OPERATING TOTAL WEIGHT	kg lbs	1080 2381	1660 3660	2300 5070









BB

OSA IN THE WORLD

Our dealers, present all over the world, contribute every day to make OSA attachments synonymous of quality and efficiency, thanks to a great promotion of the BRAND in the country together with a punctual assistance and an after sales service which can meet the customers' needs.
Our dealers choice is based on the following characteristics:



TRASPARENCE



EFFICIENCY



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