

ADVANCED DEMOLITION SOLUTIONS



OSA RANGE



POWER AND PERFORMANCE BUILT OSA TOUGH

OSA demolition systems set the international benchmark for technically advanced and industry proven demolition tools.

Exclusive dealer for Australia, New Zealand & Pacific Islands

www.bossattachments.com.au

☎ 1300 116 661





A Partnership Forged in Steel

Boss Attachments is proud of their long standing association with OSA and is now the leading international distributor for this outstanding brand.

During the past 2 decades Boss has established an outstanding relationship with OSA and have helped them grow from a small, unknown brand to become the international leader that it is today

The OSA range of demolition equipment has been proven in the harshest environments on earth and they deliver major benefits for a wide range of business sectors.

That's why OSA is the "Go To" brand that our Australasian clients know they can always rely on for lower operating costs, uncompromising performance and improved production.

www.bossattachments.com.au



We work harder to give you the best

The OSA Demolition equipment was founded in the early 90's and has grown to be a well-respected market leader.

Since our inception OSA has provided technologically advanced, performance proven equipment to the demolition, construction and mining industries.

OSA's state-of-the-art manufacturing facility is specifically designed and constructed for the purpose of manufacturing the worlds most Innovative and technologically advanced demolition equipment.

Our state-of-the-art manufacturing involves passionate and highly trained work-force and utilises the world's finest raw materials like HARDOX and STRENX.

OSA has built a professional and competent dealer network with specially trained technicians strategically located around the globe to deliver prompt and professional service - no matter where you are located. This means that OSA can respond to users needs quickly to ensure your equipment is maintained at its optimum performance level.

Together OSA and its dealers have a single focus – the delivery of extreme added value performance through a policy of honesty, integrity, credibility and quality.

RS SERIES CRUSHERS

HYDRAULIC ROTATION

OSA crushers are equipped with a 360° hydraulic rotation system to allow for correct alignment during use. All medium-large models use a double motor design to increase the rotation torque, and reduce the amount of stress applied to these components.

HYDRAULIC CYLINDERS

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

PRV SYSTEM

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

HOUSING

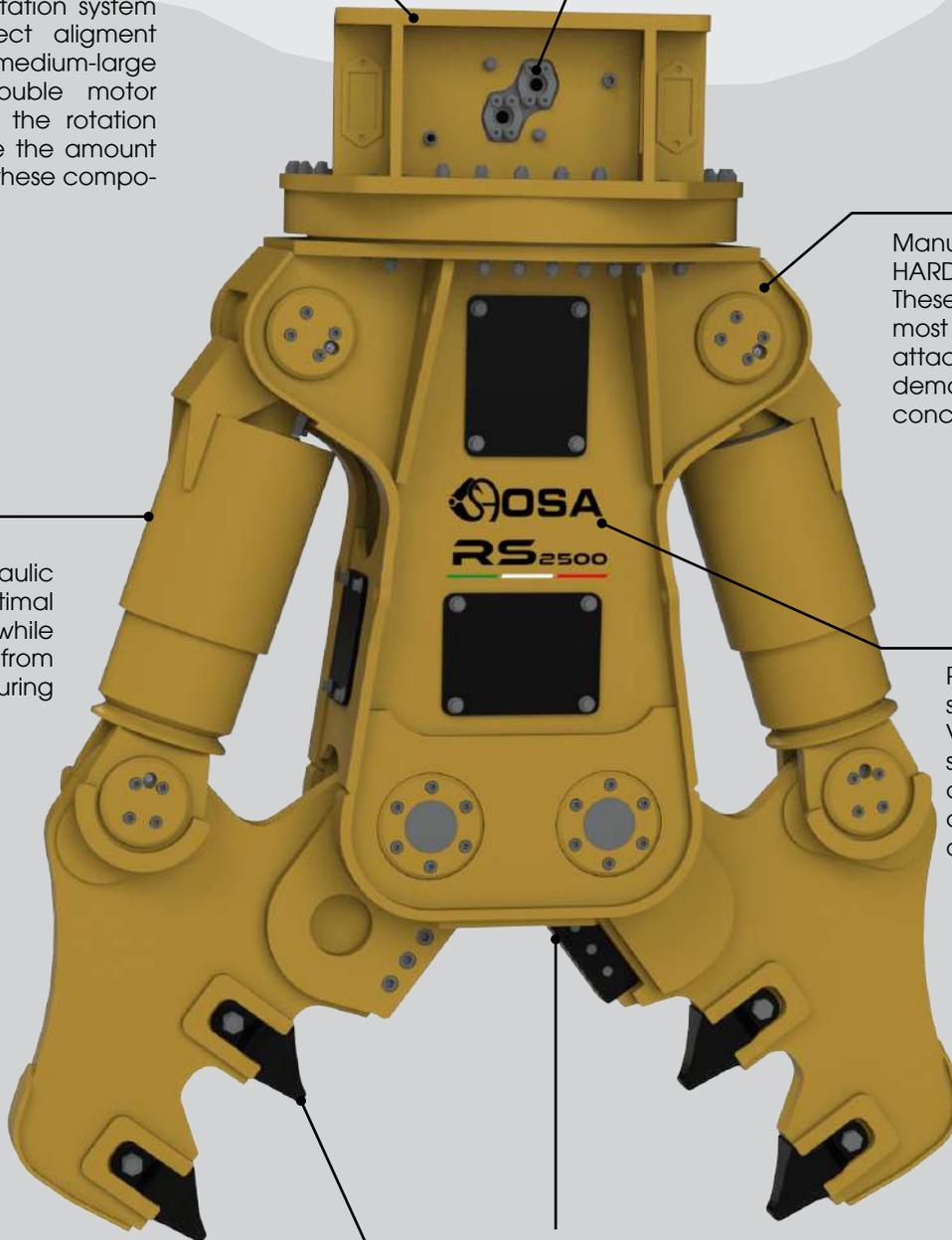
Manufactured entirely using HARDOX and WELDOX. These materials make it the most robust and effective attachment for primary demolition of reinforced concrete structures.

SPEED VALVE

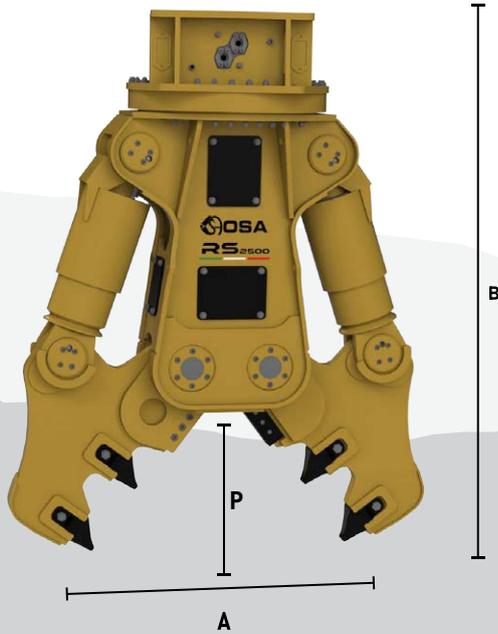
Present in medium-large size crushers, the Speed Valve significantly increases the opening and closing speed of the cylinders to provide Fast and Efficient cycle times.

TEETH AND BLADES

The teeth have a patented cutting profile that increases penetration and crushing of the material. Reversible blades increase their useful life.



RS SERIES



B

P

A



| MODEL | U.M. | 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 | 91 |
| LENGHT (B) | mm | 840 | 1700 | 2010 | 2180 | 2300 | 2700 | 2800 | 2850 | 3000 | 3200 | 3820 |
| | in. | 33 | 67 | 79 | 85 | 90 | 106 | 110 | 112 | 118 | 126 | 150 |
| WIDTH (P) | mm | 300 | 460 | 480 | 665 | 740 | 880 | 1034 | 1055 | 1080 | 1185 | 1410 |
| | in. | 12 | 18 | 19 | 26 | 29 | 35 | 41 | 42 | 43 | 47 | 56 |
| EXCAVATOR WEIGHT | Kg | 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 | 26500/35000 | 35000/48500 | 48500/66000 | 66000/88000 | 77000/110000 | 88200/110000 | 110000/143000 | 130000/175000 | 175000/220000 | 200000/330000 |
| EQUIPMENT WEIGHT | Kg | 210 | 1150 | 1400 | 1900 | 2200 | 2750 | 3800 | 4800 | 5800 | 7900 | 11950 |
| | lbs | 463 | 2535 | 3085 | 4189 | 4850 | 6063 | 8378 | 10582 | 12787 | 17416 | 26345 |
| OIL PRESSURE | Bar | 220 | 310 | 340 | 340 | 340 | 340 | 340 | 340 | 340 | 340 | 340 |
| | psi | 3190 | 4496 | 4930 | 4930 | 4930 | 4930 | 4930 | 4930 | 4930 | 4930 | 4930 |
| 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 | 53/58 | 58/63 | 66/79 | 74/92 | 79/90 | 79/100 | 92/106 | 100/119 | 106/132 | 119/185 |
| ROTATION OIL PRESSURE | Bar | 50/60 | 120/130 | 120/130 | 120/130 | 120/130 | 120/130 | 120/130 | 120/130 | 120/130 | 120/130 | 120/130 |
| | psi | 725/870 | 1740/1885 | 1740/1885 | 1740/1885 | 1740/1885 | 1740/1885 | 1740/1885 | 1740/1885 | 1740/1885 | 1740/1885 | 1740/1885 |
| ROTATION OIL CAPACITY | L/min | 15 | 20/30 | 20/30 | 20/30 | 20/30 | 50/60 | 50/60 | 50/60 | 50/60 | 50/60 | 70/80 |
| | gal/min | 4 | 5/8 | 5/8 | 5/8 | 5/8 | 13/16 | 13/16 | 13/16 | 13/16 | 13/16 | 18/21 |



MC SERIES

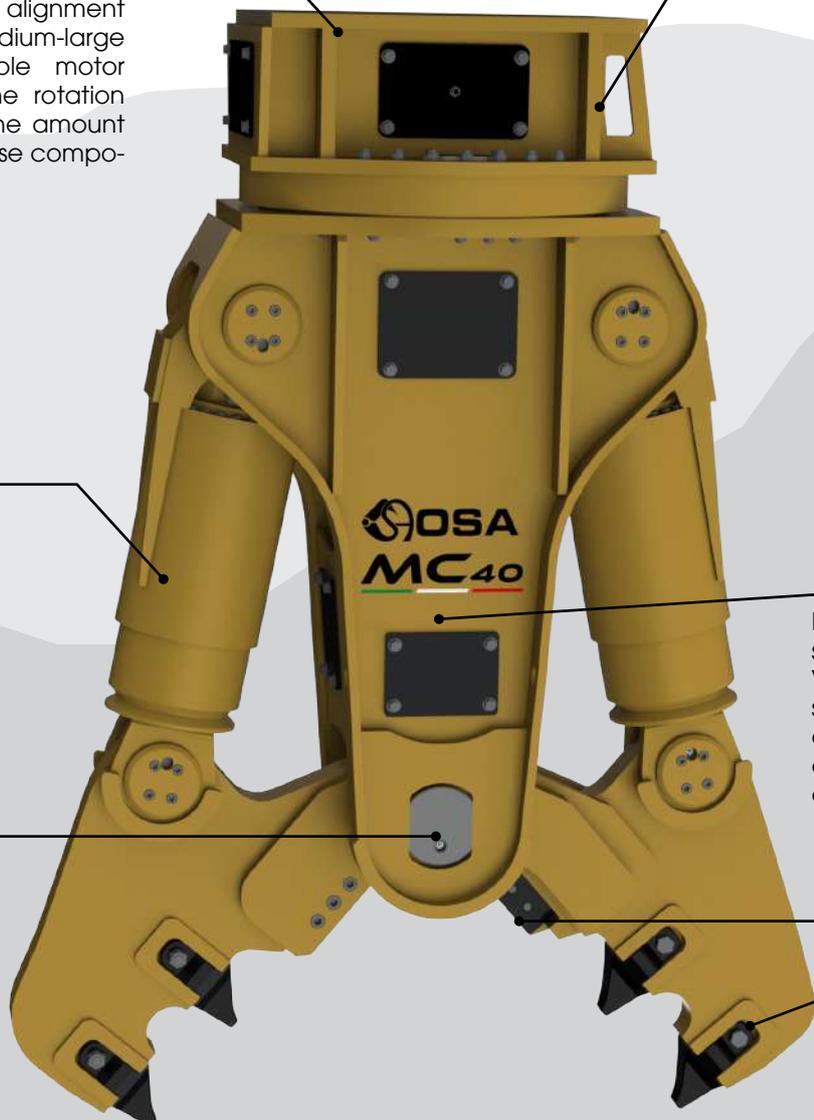
MULTISYSTEM

HYDRAULIC ROTATION

OSA crushers are equipped with a 360° hydraulic rotation system to allow for correct alignment during use. All medium-large models use a double motor design to increase the rotation torque, and reduce the amount of stress applied to these components.

PRV SYSTEM

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



HYDRAULIC CYLINDERS

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

SPEED VALVE

Present in medium-large size crushers, the Speed Valve significantly increases the opening and closing speed of the cylinders to provide Fast and Efficient cycle times.

MULTI-KIT

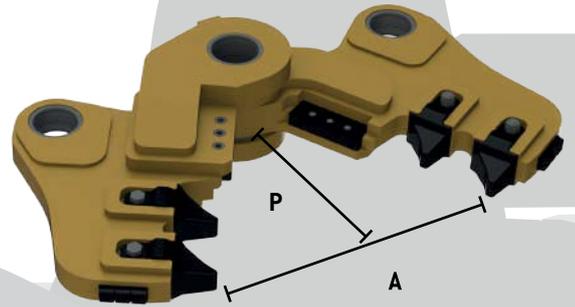
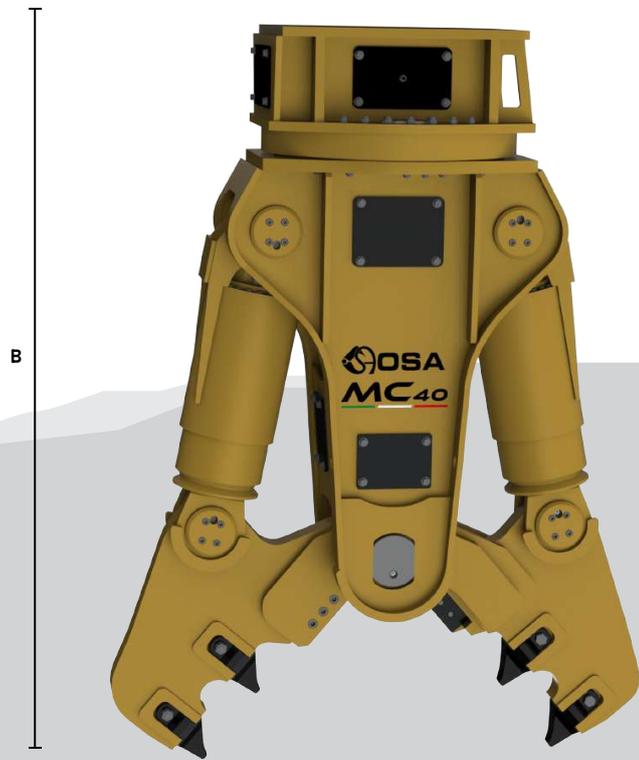
The multisystems have the particularity of replacing the kit to be installed according to the processing needs, thus making the MC series the maximum expression of versatility, functionality and power.

TEETH AND BLADES

The teeth have a patented cutting profile that increases penetration and crushing of the material. Reversible blades increase their useful life.

| MC MODEL | U.M. | 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 | 31000/42000 | 46000/62000 | 57300/79400 | 66000/84000 | 79400/110000 | 110000/155000 | 177000/220000 | 188000/286000 |
| EQUIPMENT 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 | 7/13 | 26/39 | 37/42 | 52/63 | 66/79 | 68/84 | 73/95 | 79/92 | 89/100 | 106/132 | 132/158 |
| ROTATION OIL PRESSURE | Bar | 50 | 60 | 120/130 | 120/130 | 120/130 | 120/130 | 120/130 | 120/130 | 120/130 | 130 | 130 |
| | psi | 725 | 870 | 1740/1885 | 1740/1885 | 1740/1885 | 1740/1885 | 1740/1885 | 1740/1885 | 1740/1885 | 1885 | 1885 |
| ROTATION OIL CAPACITY | L/min | 15 | 20 | 20/30 | 20/30 | 20/30 | 20/30 | 50/60 | 50/60 | 50/60 | 50/60 | 70/80 |
| | gal/min | 4 | 5 | 5/8 | 5/8 | 5/8 | 5/8 | 13/16 | 13/16 | 13/16 | 13/16 | 18/21 |

MC SERIES CRUSHER KIT

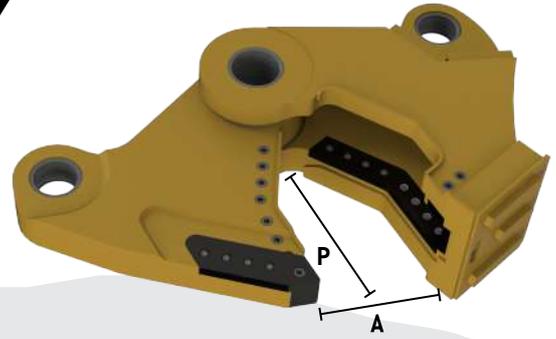


Ideal for the primary demolition of reinforced concrete structures

| 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) | mm | 410 | 525 | 670 | 710 | 800 | 850 | 920 | 1150 | 1300 | 1700 | 1900 |
| | 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) | mm | 1020 | 1446 | 1680 | 1900 | 2050 | 2200 | 2420 | 2600 | 2850 | 3200 | 3500 |
| | in. | 40.2 | 56.9 | 66.1 | 74.8 | 80.7 | 86.6 | 95.3 | 102.4 | 112.2 | 126 | 137.8 |
| WIDTH (P) | mm | 250 | 350 | 475 | 520 | 540 | 540 | 550 | 600 | 810 | 1110 | 1240 |
| | in. | 9.85 | 13.78 | 18.7 | 20.47 | 21.26 | 21.26 | 21.65 | 23.62 | 31.89 | 43.7 | 48.82 |
| EQUIPMENT WEIGHT | Kg | 115 | 200 | 270 | 457 | 522 | 621 | 741 | 873 | 1412 | 2580 | 3500 |
| | lbs | 253 | 440 | 595 | 1007 | 1150 | 1370 | 1633 | 1925 | 3113 | 5688 | 7716 |



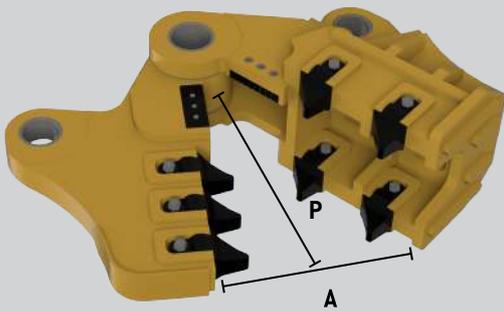
MC SERIES SHEAR KIT



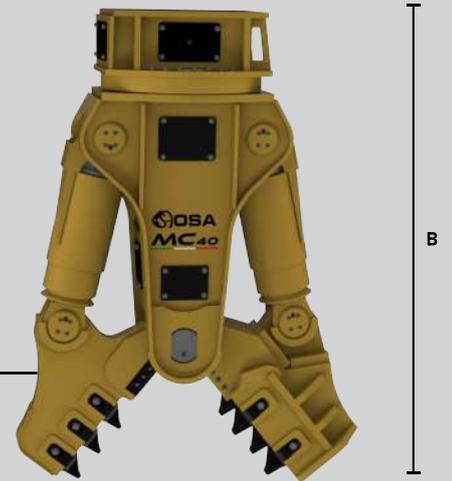
Ideal for cutting iron material such as pipes, profiles and sheets

| 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) | mm | 340 | 270 | 370 | 360 | 460 | 540 | 560 | 620 | 700 | 750 | 800 |
| | in. | 13.4 | 10.7 | 13.8 | 14.20 | 18.1 | 20.1 | 22 | 24.4 | 27.6 | 29.5 | 31.5 |
| LENGHT (B) | mm | 1050 | 1466 | 1545 | 1740 | 1910 | 2100 | 2300 | 2430 | 2525 | 2610 | 2815 |
| | 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) | 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 | Kg | 92 | 180 | 240 | 400 | 430 | 700 | 780 | 1100 | 1580 | 2000 | 2500 |
| | lbs | 203 | 397 | 529 | 882 | 948 | 1543 | 1720 | 2425 | 3483 | 4409 | 5511 |

MC SERIES PULVERISER KIT

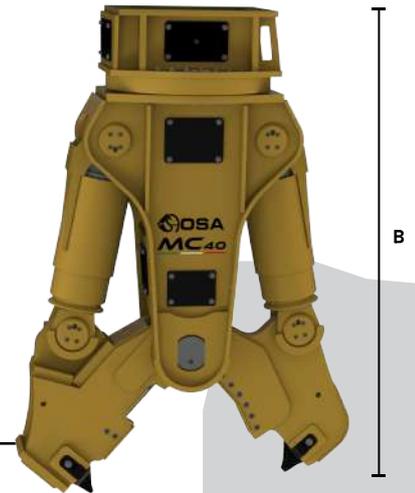
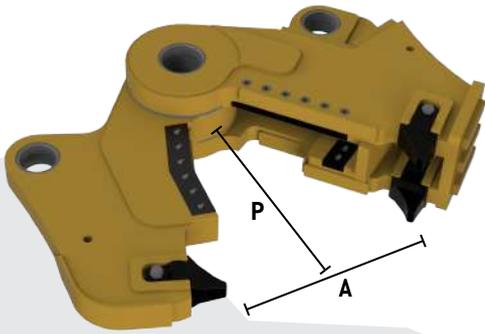


Suitable for secondary demolition, in particular to separate reinforcing rods from concrete



| MC SERIES (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 (A) | mm | 310 | 500 | 570 | 650 | 800 | 830 | 920 | 980 | 1100 | 1600 | 1800 |
| | in. | 12.2 | 19.7 | 23.6 | 26.8 | 31.5 | 32.7 | 35.4 | 38.6 | 43.3 | 63 | 70.9 |
| LENGHT (B) | mm | 1020 | 1486 | 1715 | 1920 | 2080 | 2210 | 2450 | 2600 | 2870 | 3355 | 3685 |
| | in. | 40.16 | 58.50 | 67.52 | 75.59 | 81.89 | 87 | 96.46 | 102.36 | 112.99 | 132.09 | 145.08 |
| WIDTH (P) | mm | 250 | 390 | 510 | 540 | 570 | 600 | 550 | 600 | 870 | 1265 | 1425 |
| | in. | 9.84 | 15.35 | 20.08 | 21.26 | 22.44 | 23.62 | 21.65 | 23.62 | 34.25 | 49.80 | 56.10 |
| EQUIPMENT WEIGHT | Kg | 100 | 250 | 310 | 420 | 500 | 820 | 850 | 1250 | 1620 | 2800 | 3800 |
| | lbs | 220 | 551 | 683 | 926 | 1102 | 1808 | 1874 | 2756 | 3571 | 6173 | 8378 |

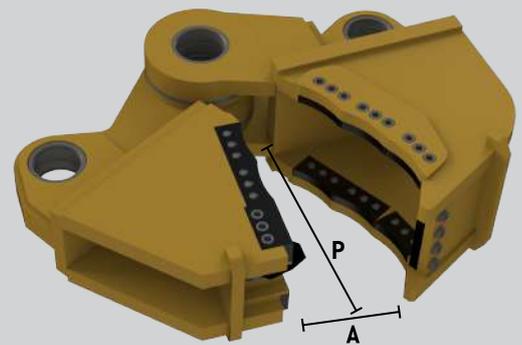
MC SERIES COMBI KIT



Designed to demolish concrete and cut ferrous material present during mixed processing

| MC MODEL (COMBI 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) | mm | / | / | 660 | 720 | 830 | 865 | 870 | 1100 | 1300 | 1600 | 1750 |
| | in. | / | / | 26 | 28.34 | 32.68 | 34.05 | 34.25 | 43.3 | 51.2 | 63 | 68.9 |
| LENGHT (B) | mm | / | / | 1695 | 1955 | 2115 | 2230 | 2485 | 2500 | 2750 | 3015 | 3270 |
| | in. | / | / | 66.73 | 70.08 | 83.27 | 87.79 | 97.83 | 98.42 | 108.27 | 118.70 | 128.74 |
| WIDTH (P) | mm | / | / | 490 | 575 | 605 | 570 | 615 | 500 | 750 | 925 | 1010 |
| | in. | / | / | 19.29 | 22.64 | 23.82 | 22.45 | 24.21 | 19.68 | 29.52 | 36.42 | 39.76 |
| EQUIPMENT WEIGHT | Kg | / | / | 300 | 430 | 470 | 750 | 780 | 1150 | 1350 | 2550 | 3750 |
| | lbs | / | / | 661 | 948 | 1036 | 1653 | 1720 | 2535 | 2976 | 5622 | 8267 |

MC SERIES UNIVERSAL KIT

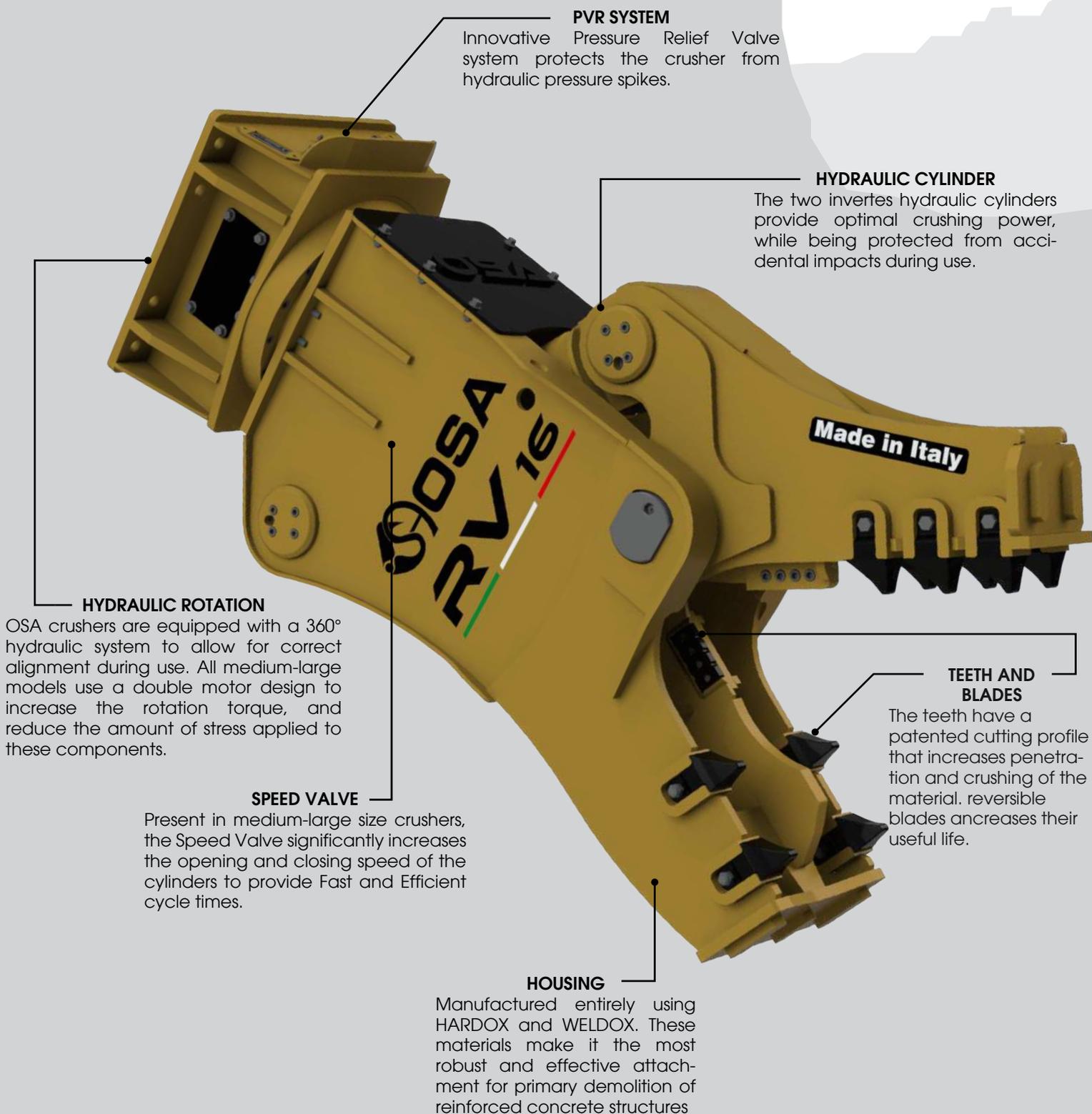


Suitable for both primary and secondary demolition

| MC MODEL (UNIVERSAL 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) | mm | / | / | 600 | 610 | 630 | 770 | 800 | 820 | 1000 | 1400 | 1565 |
| | in. | / | / | 23.6 | 26.8 | 24.8 | 30.3 | 31.5 | 32.3 | 39.4 | 55.1 | 61.61 |
| LENGHT (B) | mm | / | / | 1655 | 1835 | 1980 | 2320 | 2390 | 2650 | 2795 | 3205 | 3506 |
| | in. | / | / | 65.16 | 72.24 | 77.95 | 91.33 | 94.09 | 104.33 | 110.04 | 126.18 | 138.03 |
| WIDTH (P) | mm | / | / | 450 | 455 | 470 | 470 | 500 | 650 | 795 | 1115 | 1246 |
| | in. | / | / | 17.72 | 17.91 | 18.50 | 18.50 | 19.68 | 25.59 | 31.30 | 43.90 | 49.06 |
| EQUIPMENT WEIGHT | Kg | / | / | 320 | 430 | 580 | 850 | 900 | 1150 | 1650 | 2600 | 3600 |
| | lbs | / | / | 705 | 948 | 1279 | 1874 | 1984 | 2535 | 3638 | 5732 | 7937 |

RV SERIES

ROTATING PULVERISER



PVR SYSTEM

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

HYDRAULIC CYLINDER

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

HYDRAULIC ROTATION

OSA crushers are equipped with a 360° hydraulic system to allow for correct alignment during use. All medium-large models use a double motor design to increase the rotation torque, and reduce the amount of stress applied to these components.

SPEED VALVE

Present in medium-large size crushers, the Speed Valve significantly increases the opening and closing speed of the cylinders to provide Fast and Efficient cycle times.

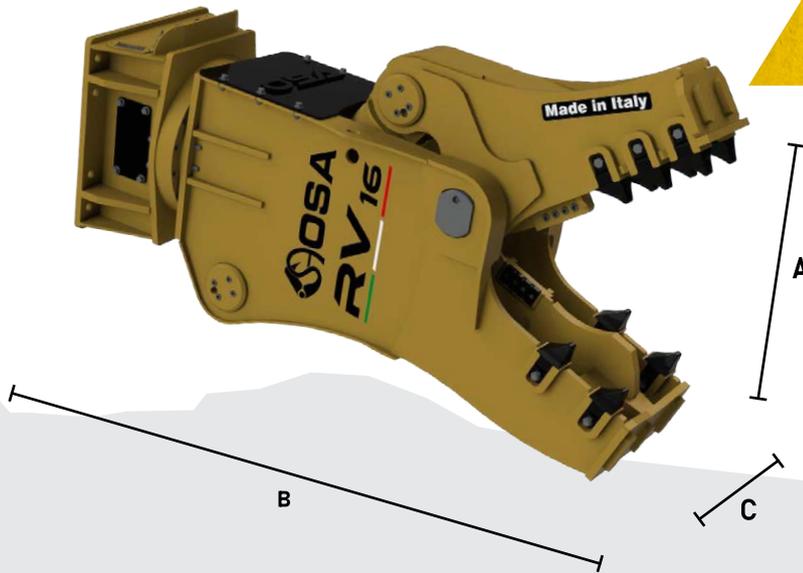
TEETH AND BLADES

The teeth have a patented cutting profile that increases penetration and crushing of the material. reversible blades increases their useful life.

HOUSING

Manufactured entirely using HARDOX and WELDOX. These materials make it the most robust and effective attachment for primary demolition of reinforced concrete structures

RV SERIES

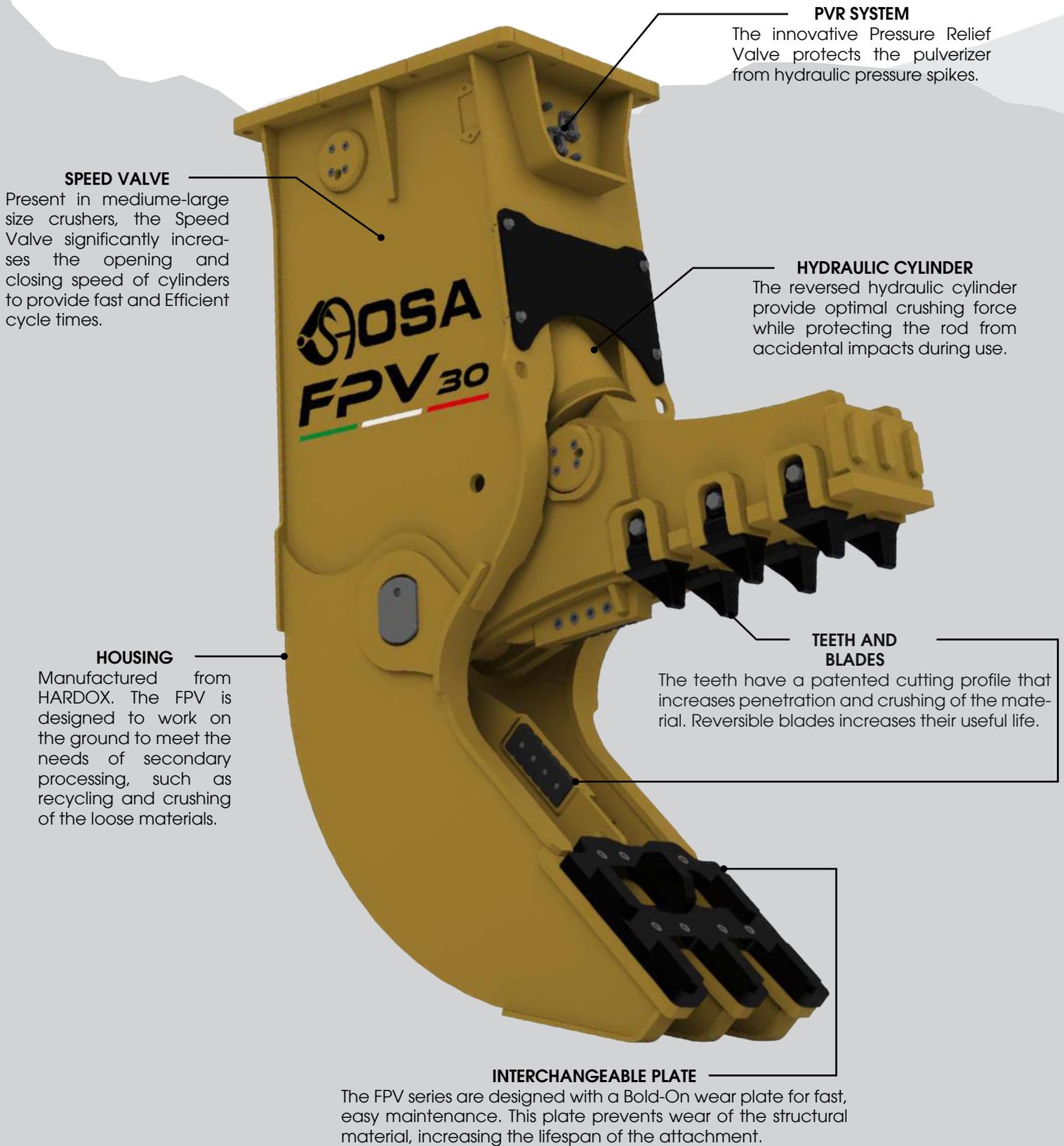


| MODEL | U.M. | RV 6 | RV 10 | RV 16 | RV 20 | RV 25 | RV 30 | RV 40 | RV 60 | RV 80 | RV 110 |
|------------------------|---------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|-------------------|-------------------|-------------------|
| OPENING (A) | mm | 520 | 630 | 790 | 840 | 880 | 1010 | 1130 | 1280 | 1350 | 1720 |
| | in. | 20 | 25 | 31 | 33.5 | 34.6 | 39.7 | 45 | 50 | 53 | 68 |
| LENGHT (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 |
| DEPTH (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 | 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 | 15400/ 26500 | 19900/ 33000 | 33000/ 44000 | 44000/ 57300 | 55000/ 70500 | 66000/ 88000 | 84000/ 120000 | 110000/ 176000 | 155000/ 200000 | 200000/ 266000 |
| EQUIPMENT WEIGHT | Kg. | 660 | 1105 | 1710 | 2000 | 2500 | 2970 | 3940 | 6000 | 7800 | 9950 |
| | lbs | 1455 | 2436 | 3769 | 4400 | 5511 | 6547 | 8333 | 13228 | 17196 | 21936 |
| 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 | 106/132 | 132/158 |
| ROTATION OIL PRESSURE | Bar | 60 | 120/130 | 120/130 | 120/130 | 120/130 | 120/130 | 120/130 | 120/130 | 120/130 | 120/130 |
| | psi | 870 | 1740/1885 | 1740/1885 | 1740/1885 | 1740/1885 | 1740/1885 | 1740/1885 | 1740/1885 | 1740/1885 | 1740/1885 |
| ROTATION OIL CAPACITY | L/min | 20 | 20/30 | 20/30 | 20/30 | 50/60 | 50/60 | 50/60 | 50/60 | 70/80 | 70/80 |
| | gal/min | 5 | 5/8 | 5/8 | 5/8 | 13/16 | 13/16 | 13/16 | 13/16 | 18/21 | 18/21 |
| OPERATING TOTAL WEIGHT | Kg. | 710 | 1200 | 1850 | 2200 | 2700 | 3270 | 4300 | 6500 | 8500 | 10945 |
| | lbs | 1565 | 2645 | 4078 | 4850 | 5952 | 7209 | 9480 | 14330 | 18850 | 24129.5 |



FPV SERIES

FIXED PULVERISER



SPEED VALVE

Present in medium-large size crushers, the Speed Valve significantly increases the opening and closing speed of cylinders to provide fast and Efficient cycle times.

PVR SYSTEM

The innovative Pressure Relief Valve protects the pulverizer from hydraulic pressure spikes.

HYDRAULIC CYLINDER

The reversed hydraulic cylinder provide optimal crushing force while protecting the rod from accidental impacts during use.

HOUSING

Manufactured from HARDOX. The FPV is designed to work on the ground to meet the needs of secondary processing, such as recycling and crushing of the loose materials.

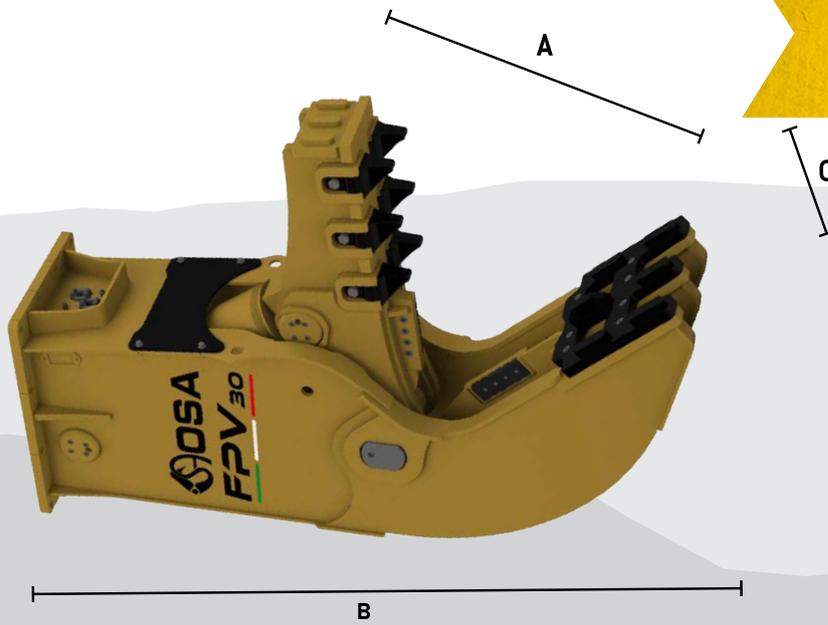
TEETH AND BLADES

The teeth have a patented cutting profile that increases penetration and crushing of the material. Reversible blades increases their useful life.

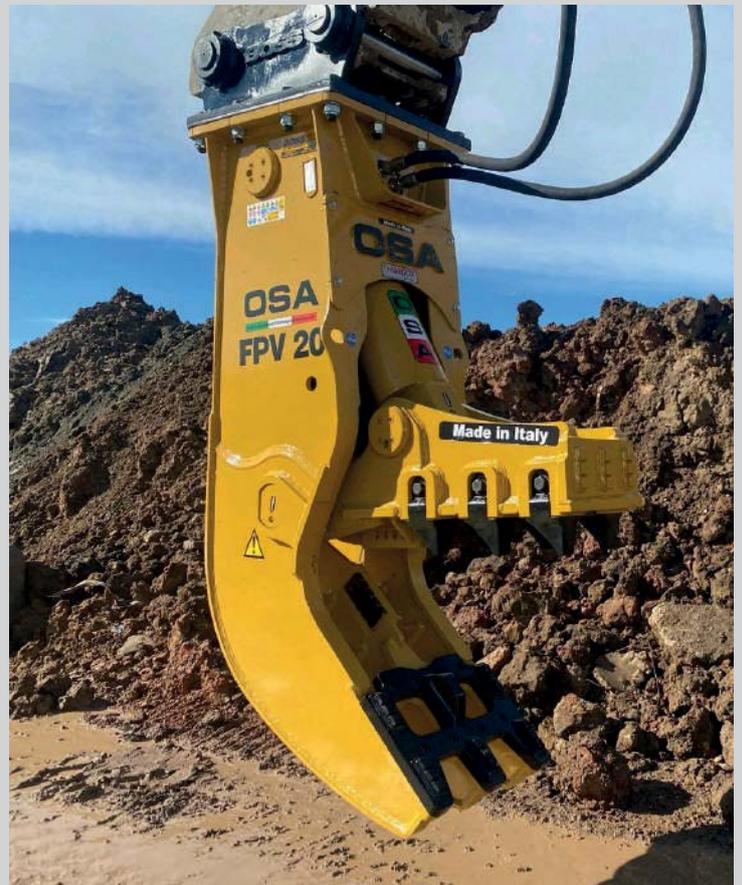
INTERCHANGEABLE PLATE

The FPV series are designed with a Bold-On wear plate for fast, easy maintenance. This plate prevents wear of the structural material, increasing the lifespan of the attachment.

FPV SERIES



| MODEL | U.M. | FPV 6 | FPV 12 | FPV 17 | FPV 20.1 | FPV 30.1 | 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 |
| LENGHT (B) | mm. | 1300 | 1920 | 2080 | 2300 | 2660 | 2700 | 2800 | 3200 |
| | in. | 51 | 76 | 82 | 91 | 105 | 106 | 110 | 126 |
| WIDHT (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 | 13000/ 15500 | 26500/ 37500 | 35000/ 44000 | 46000/ 64000 | 66000/ 99000 | 88000/ 132000 | 132000/ 176000 | 176000/ 286500 |
| EQUIPMENT WEIGHT | Kg. | 500 | 1100 | 1550 | 2050 | 2800 | 4500 | 5400 | 10400 |
| | lbs | 1102 | 2425 | 3417 | 4520 | 6173 | 9921 | 11904 | 22928 |
| OIL PRESSURE | Bar | 250 | 310 | 340 | 340 | 340 | 340 | 340 | 340 |
| | psi | 3625 | 4495 | 4930 | 4930 | 4930 | 4930 | 4930 | 4930 |
| OIL CAPACITY | L/min | 80/100 | 180/220 | 200/240 | 220/300 | 280/340 | 300/350 | 400/500 | 500/600 |
| | gal/min | 21/26 | 47/58 | 52/63 | 58/79 | 73/90 | 79/92 | 106/132 | 132/158 |

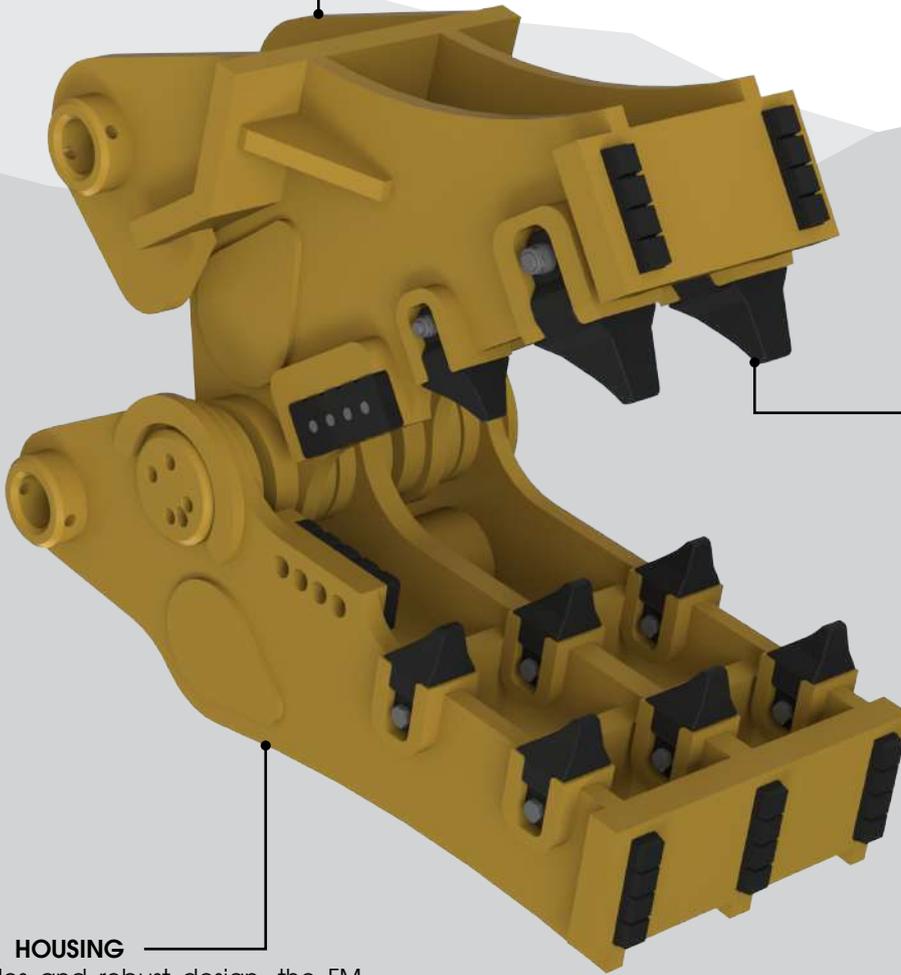


FM SERIES

MECHANICAL PULVERISER

EXCAVATOR MOUNTED

The FM series mechanical pulverizers are mounted directly to the excavator arm, using the force of the excavator bucket cylinder to operate. This design prevents the need for an auxiliary hydraulic system.



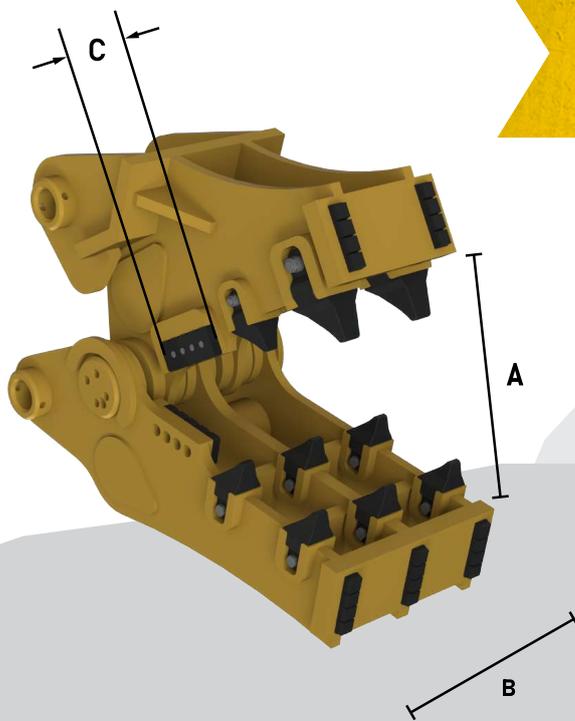
TEETH AND BLADES

The teeth have a patented cutting profile that increases penetration and crushing of the material. Reversible blades increase their useful life.

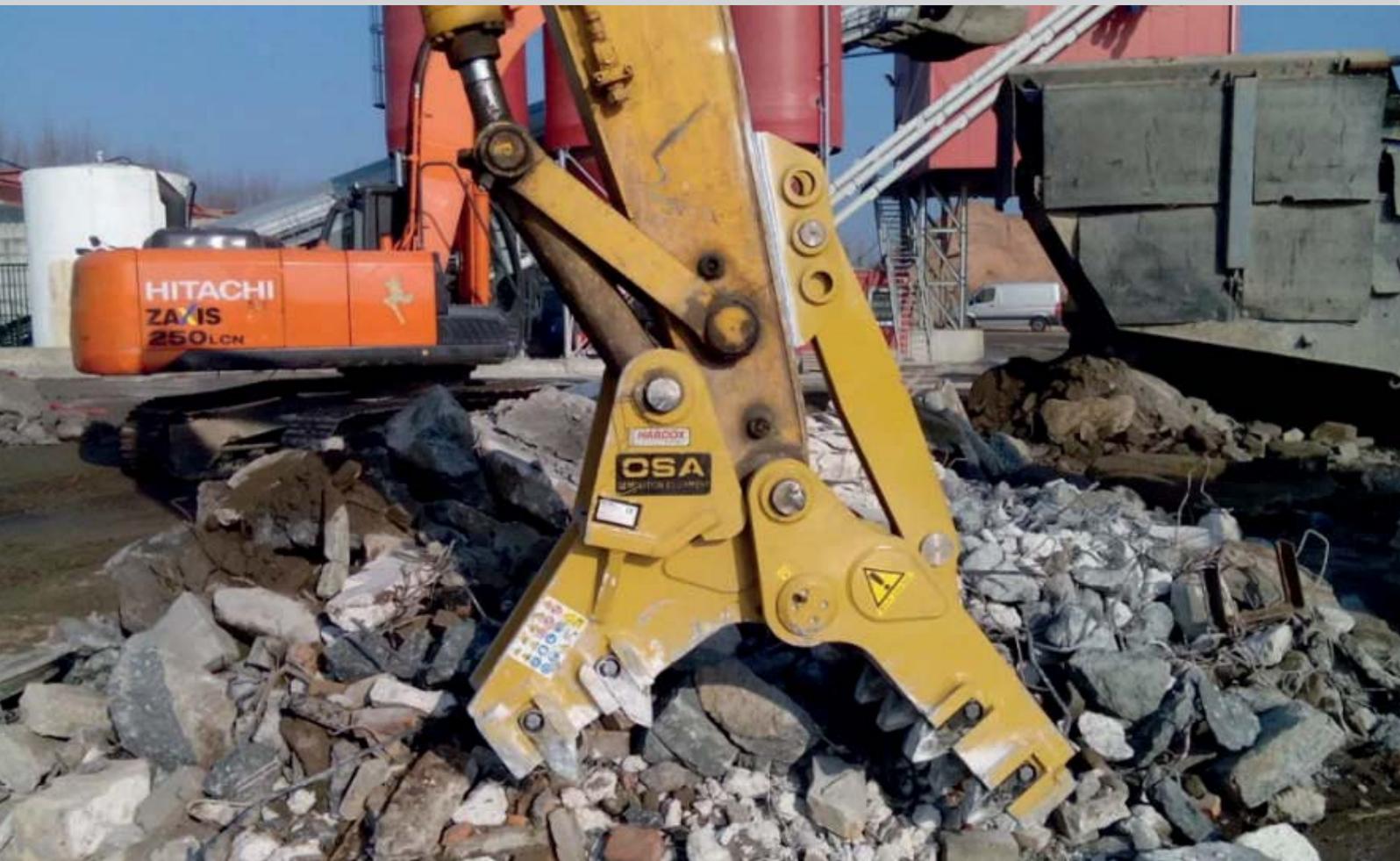
HOUSING

Extremely fast cycles and robust design, the FM series has been designed to crush items obtained from the demolition site. They easily separate reinforcement rod from concrete while processing it to a manageable material.

FM SERIES



| MODEL | U.M. | 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 (C) | mm. | 200 | 200 | 240 | 240 | 240 | 280 | 280 |
| | in | 7.9 | 7.9 | 9.45 | 9.45 | 9.45 | 11 | 11 |
| EXCAVATOR WEIGHT | Ton | 18/22 | 22/32 | 32/42 | 42/60 | 50/65 | 60/80 | 90/100 |
| | lbs | 39683/ 48502 | 48502/ 70548 | 70548/ 92594 | 92594/ 132277 | 110231/ 143300 | 132277/ 176370 | 198416/ 220462 |
| EQUIPMENT WEIGHT | Kg. | 1000 | 1400 | 2000 | 2500 | 2800 | 4000 | 4900 |
| | lbs | 2205 | 3086 | 4409 | 5512 | 6173 | 8818 | 10803 |



SH SERIES SHEARS

HYDRAULIC ROTATION

SH shear are equipped with a 360° hydraulic rotation system to allow for correct alignment during use. All medium-large models use a double motor design to increase the rotation torque, and reduce the amount of stress applied to these components.

PRV SYSTEM

The innovative Pressure Relief Valve protects the shear shear from hydraulic pressure spikes.

HYDRAULIC CYLINDER

The reversed hydraulic cylinder provides optimal cutting power while protecting the rod from accidental impacts during use.

JAW GUIDES

Ensures proper alignment of the jaws under high force conditions.

SPEED VALVE

Present in medium-large size crushers, the Speed Valve significantly increases the opening and closing speed of the cylinders to provide Fast and Efficient cycle times.

HOUSING

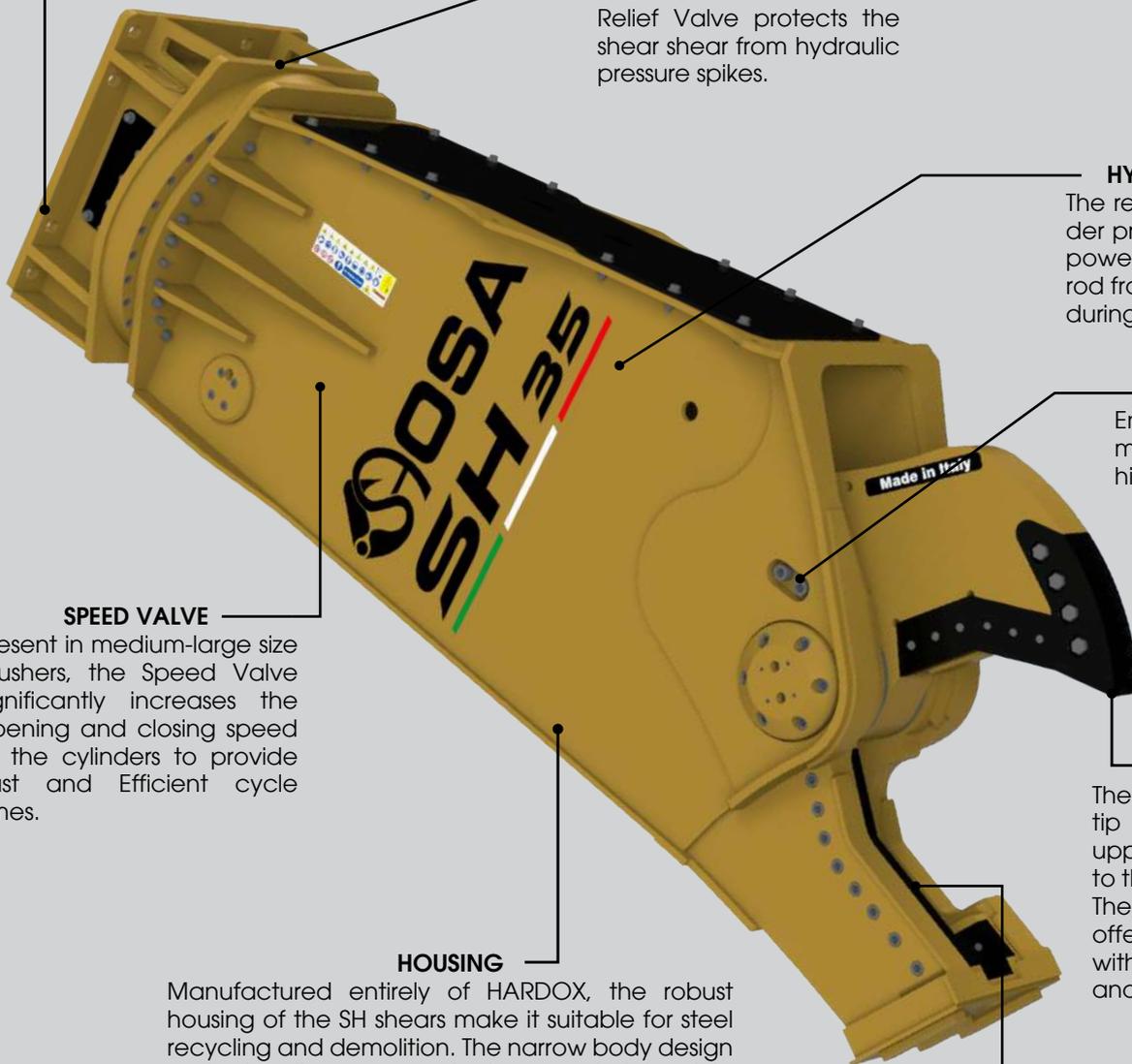
Manufactured entirely of HARDOX, the robust housing of the SH shears make it suitable for steel recycling and demolition. The narrow body design protects all components from material, while minimizing any obstruction on the operator's view.

TIP

The shears use a Bolt-On tip that protects the upper jaw against wear to the structural material. The two-piece design offers great reliability, with maximum efficiency and cutting power.

BLADES

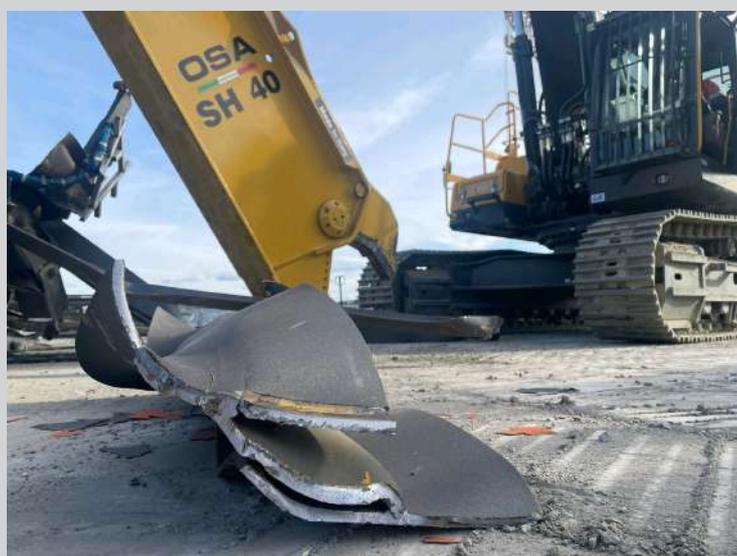
The interchangeable Bolt-On blades provide excellent wear resistance with quick and easy maintenance.



SH SERIES



| MODEL | U.M. | SH 6 | SH 12 | SH 20.1 | SH 25.1 | SH 35.1 | SH 45 | SH 55 | 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 | 33 | 34 | 36 | 37 |
| LENGTH (B) | mm. | 1880 | 2450 | 2785 | 2840 | 3170 | 3361 | 4100 | 4700 | 4170 | 5000 | 5300 |
| | in. | 74 | 96 | 110 | 112 | 125 | 132 | 161 | 185 | 164 | 197 | 209 |
| DEPTH (C) | mm. | 240 | 400 | 495 | 510 | 570 | 690 | 690 | 800 | 850 | 900 | 950 |
| | in. | 9 | 16 | 19 | 20 | 22 | 27 | 27 | 31 | 33 | 35 | 37 |
| 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/ 26000 | 26000/ 39800 | 44000/ 61700 | 57300/ 75000 | 75000/ 88000 | 99210/ 132277 | 110000/ 155000 | 155000/ 220000 | 160000/ 220000 | 198000/ 264500 | 220000/ 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 | 25000/ 39600 | 35000/ 48500 | 48500/ 66000 | 61730/ 77161 | 66000/ 99000 | 99000/ 132000 | 111000/ 154000 | 154000/ 198000 | 198000/ 242500 |
| WEIGHT | Kg | 640 | 1250 | 2030 | 2530 | 3200 | 4500 | 5630 | 6900 | 7830 | 9950 | 11500 |
| | lbs | 1411 | 2756 | 4475 | 5578 | 7055 | 9921 | 12412 | 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 OIL PRESSURE | Bar | 60 | 120/130 | 120/130 | 120/130 | 120/130 | 120/130 | 120/130 | 120/130 | 120/130 | 120/130 | 120/130 |
| | Psi | 870 | 1740/ 1885 | 1740/ 1885 | 1740/ 1885 | 1740/ 1885 | 1740/ 1885 | 1740/ 1885 | 1740/ 1885 | 1740/ 1885 | 1740/ 1885 | 1740/ 1885 |
| ROTATION OIL CAPACITY | L/min | 20 | 20/30 | 20/30 | 20/30 | 50/60 | 50/60 | 50/60 | 50/60 | 70/80 | 70/80 | 70/80 |
| | lbs | 5 | 5/8 | 5/8 | 5/8 | 13/16 | 13/16 | 13/16 | 13/16 | 18/21 | 18/21 | 18/21 |



GR SERIES GRAPPLES

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.

SHUT-OFF AND MAXIMUM VALVE

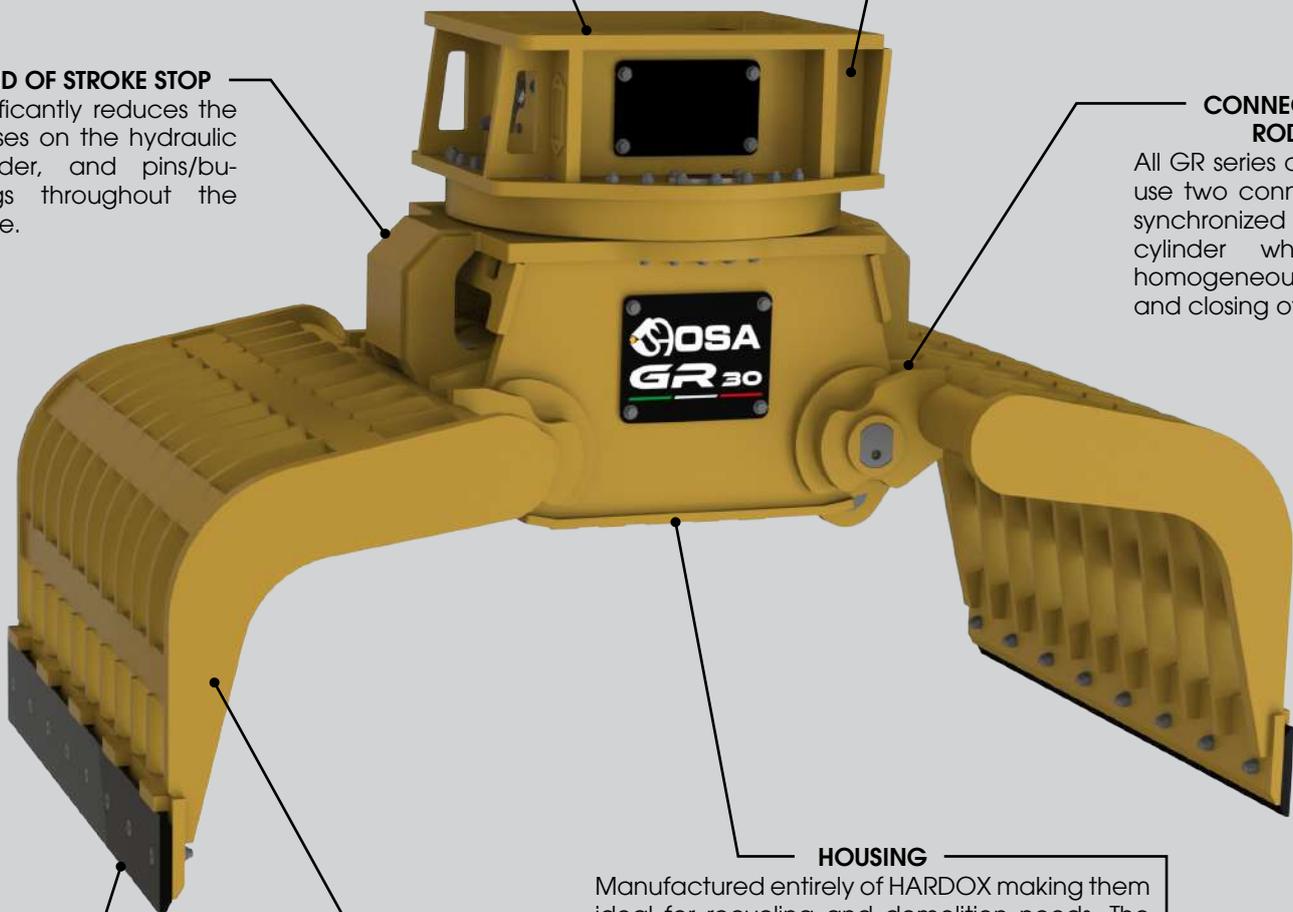
The medium-large GR series feature a block and load control valve. It protects the cylinder from pressure spikes coming from the excavator, and allows the load to be retained in the absence of operator input. This technology prevents unwanted fall of the load, making the work phases on site safer.

END OF STROKE STOP

Significantly reduces the stresses on the hydraulic cylinder, and pins/bushings throughout the frame.

CONNECTING RODS

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



BLADE AND BLADE HOLDER

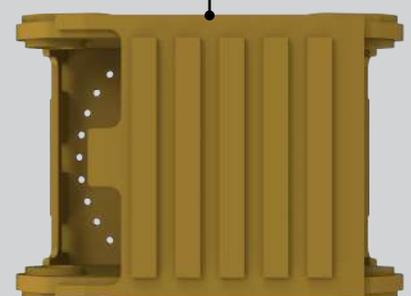
The blade and blade holder are made from anti-wearing HARDOX steel. The blades are interchangeable and easy to replace. Anti-shock bars are positioned on the blade holder in order to drastically reduce vibrations during the gripping phase.

HOUSING

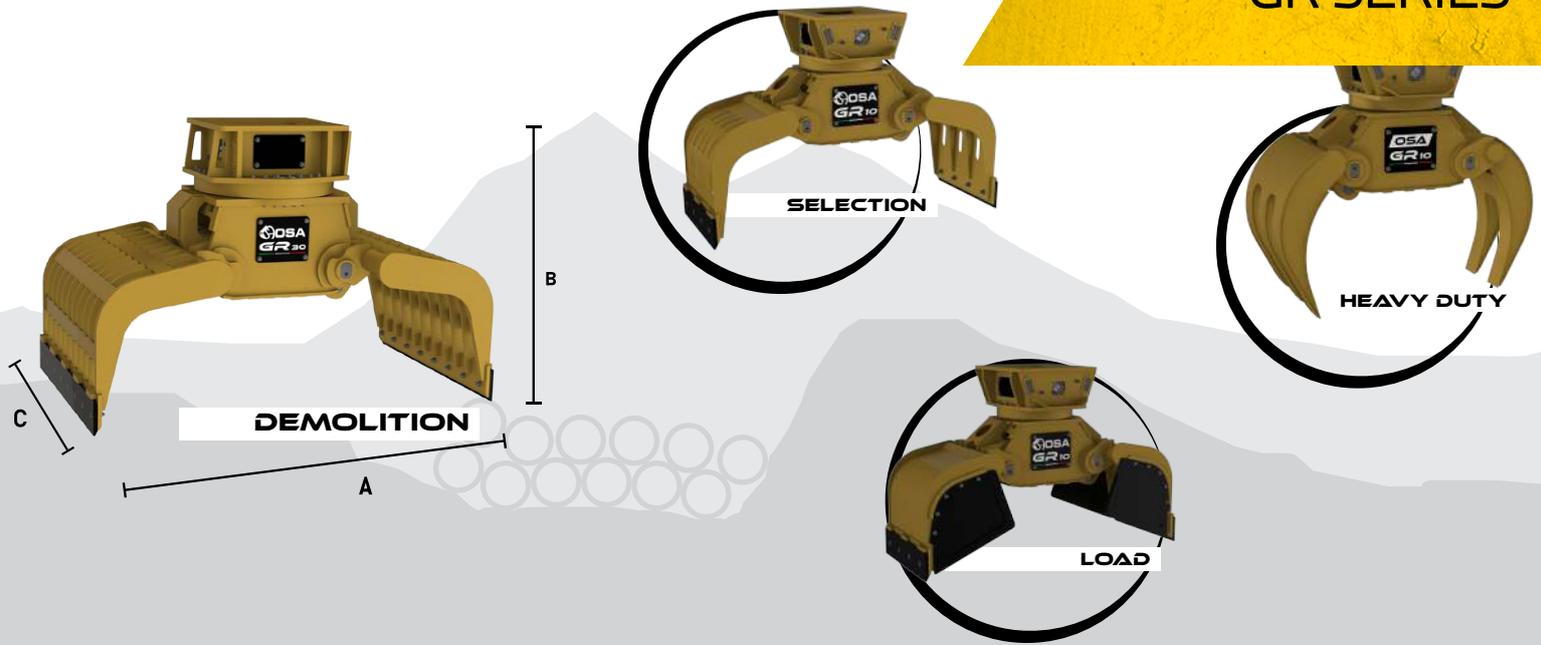
Manufactured entirely of HARDOX making them ideal for recycling and demolition needs. The robust design allows for efficient and safe handling of most construction materials such as wood, block/brick, plaster, etc.. The shell has HARDOX reinforcements positioned in high contact areas to protect it from impacts and reduce wear.

JAWS

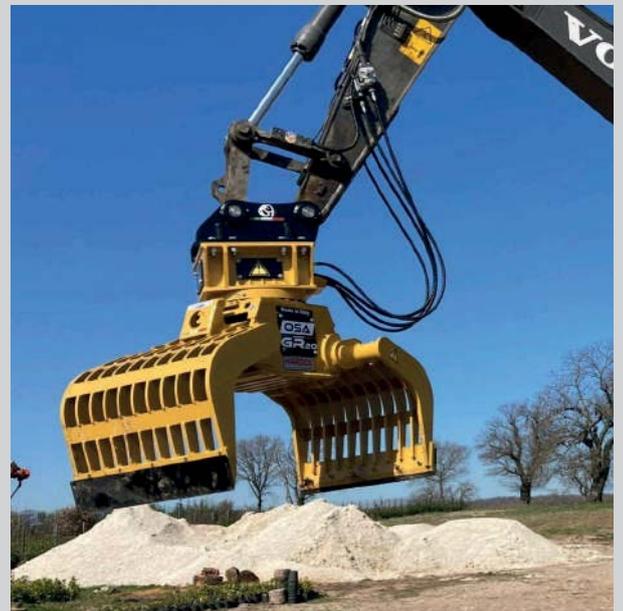
The GR series are available with various jaw styles to suit your site needs with a design offering exceptional strength and longevity.



GR SERIES

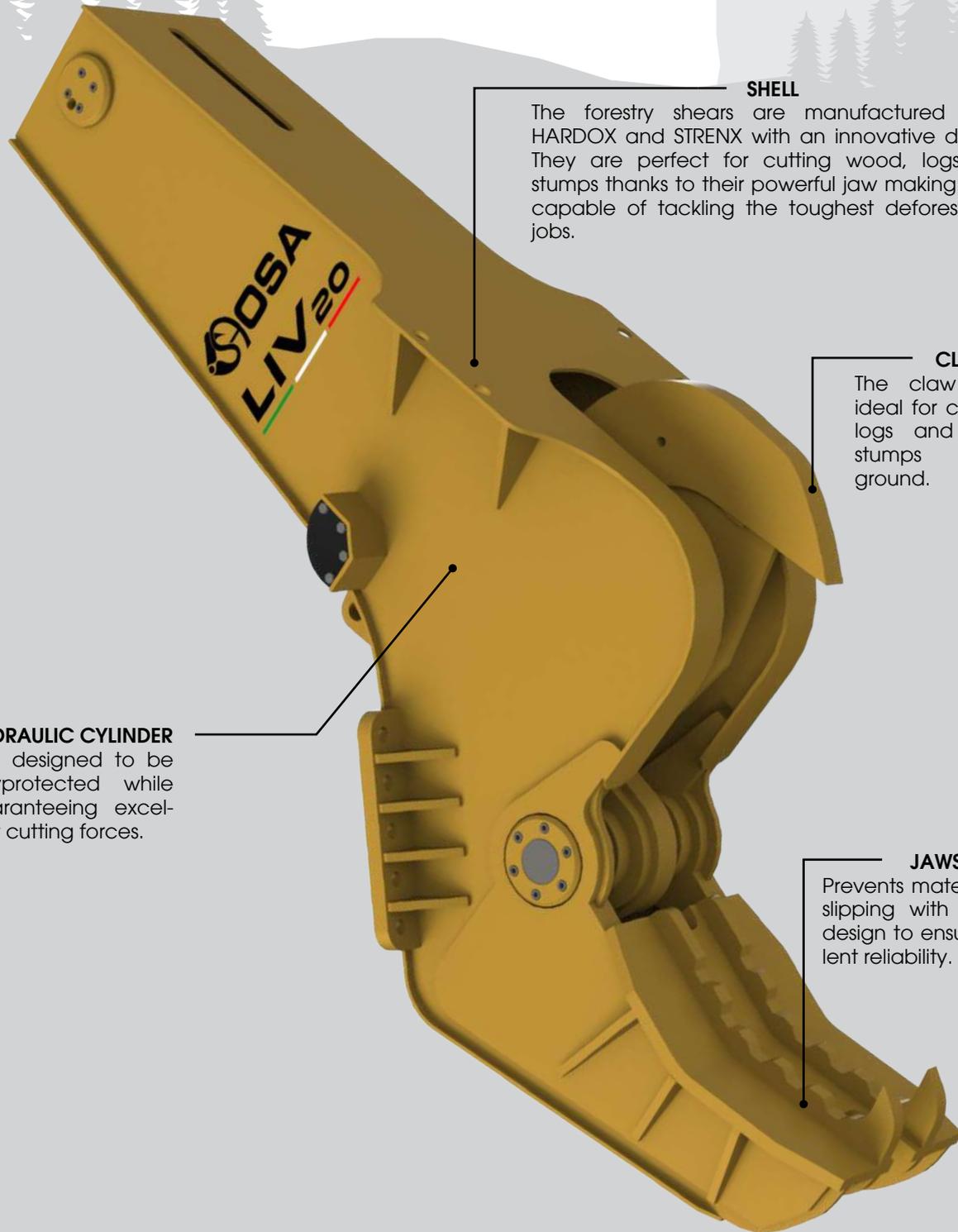


| MODEL | U.M. | GR1 | GR 3 | GR 5 | GR 7 | GR 10 | GR 15 | GR 20 | GR 25 | GR 30 | GR 40 |
|------------------------|---------|---------------|---------------|----------------|-----------------|-----------------|-----------------|-----------------|------------------|------------------|-------------------|
| OPENING (A) | mm | 850 | 1050 | 1555 | 1750 | 2060 | 2145 | 2200 | 2430 | 2450 | 3000 |
| | in. | 33.5 | 41 | 61.2 | 65 | 81.1 | 84.5 | 86.6 | 96 | 96.5 | 118 |
| HEIGHT (B) | mm. | 740 | 940 | 1107 | 1375 | 1400 | 1475 | 1475 | 1581 | 1650 | 2300 |
| | in. | 29 | 37 | 43.6 | 54 | 55 | 58 | 58 | 62 | 65 | 90 |
| 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 | Ton | 1.8/2.5 | 2.5/4 | 4/8 | 9/14 | 14/18 | 18/22 | 22/30 | 30/50 | 35/60 | 50/65 |
| | lbs | 3968/ 5510 | 5510/ 8820 | 8818/ 17636 | 19842/ 30864 | 30864/ 39683 | 39683/ 48502 | 48502/ 66139 | 66139/ 110231 | 77162/ 132277 | 110231/ 143300 |
| EQUIPMENT WEIGHT | Kg | 187 | 270 | 420 | 737 | 1060 | 1430 | 1787 | 2250 | 2680 | 3500 |
| | lbs | 412 | 595 | 926 | 1624 | 2336 | 3153 | 3940 | 4960 | 5908 | 7716 |
| 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 | 150 |
| | gal/min | 6 | 6 | 8 | 12 | 21/26 | 21/26 | 21/26 | 21/31 | 31/37 | 40 |
| ROTATION OIL PRESSURE | Bar | 50 | 50 | 50 | 60 | 120/130 | 120/130 | 120/130 | 120/130 | 120/130 | 120/130 |
| | psi | 725 | 725 | 725 | 870 | 1740/1885 | 1740/1885 | 1740/1885 | 1740/1885 | 1740/1885 | 1740/1885 |
| ROTATION OIL CAPACITY | L/min | 15 | 15 | 15 | 20 | 20/30 | 20/30 | 20/30 | 50/60 | 50/60 | 50/60 |
| | gal/min | 4 | 4 | 4 | 5 | 5/8 | 5/8 | 5/8 | 13/16 | 13/16 | 13/16 |
| OPERATING TOTAL WEIGHT | L/min | 195 | 300 | 480 | 810 | 1180 | 1550 | 1960 | 2475 | 2950 | 3900 |
| | lbs | 430 | 661 | 1060 | 1786 | 2600 | 3483 | 4321 | 5456 | 6500 | 8600 |



LIV SERIES

FORESTRY SHEAR



SHELL

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.

CLAW

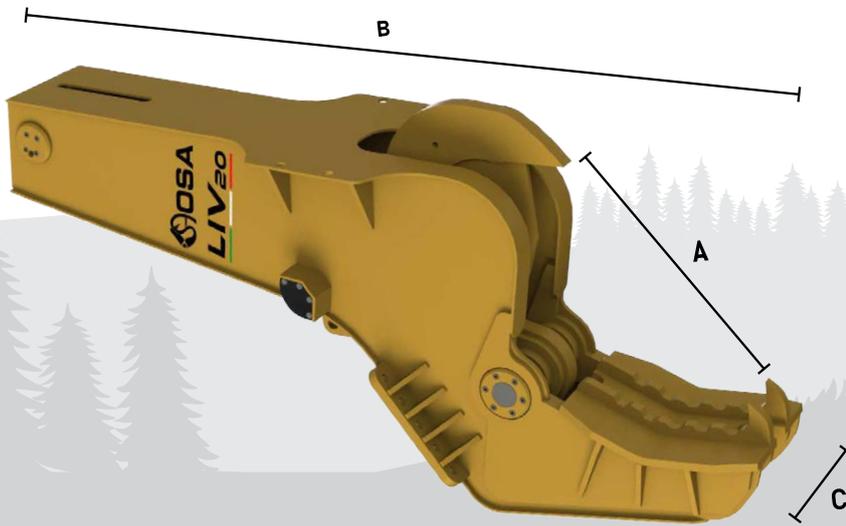
The claw design is ideal for cutting large logs and extracting stumps from the ground.

HYDRAULIC CYLINDER

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

JAWS

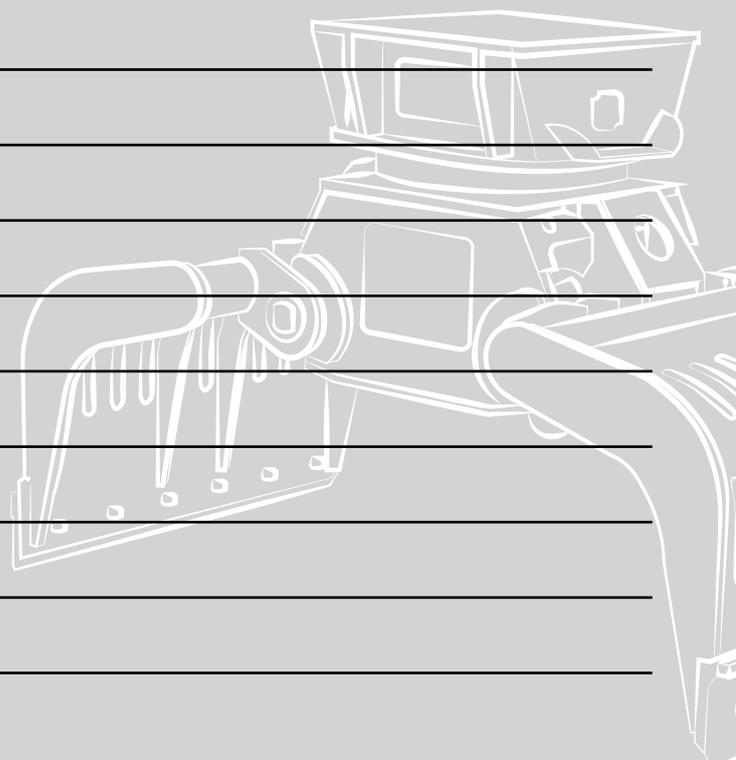
Prevents materials from slipping with a strong design to ensure excellent reliability.



| MODEL | U.M. | LIV 10 | LIV 15 | LIV 20 |
|------------------|---------|-------------|-------------|-------------|
| OPENING (A) | mm | 600 | 790 | 1000 |
| | in. | 24 | 31 | 39 |
| LENGHT (B) | mm | 1870 | 2830 | 3500 |
| | in. | 74 | 111 | 138 |
| WIDTH (C) | mm | 350 | 530 | 650 |
| | in. | 14 | 21 | 26 |
| EXCAVATOR WEIGHT | Ton | 9/14 | 14/22 | 22/30 |
| | lbs | 19800/30800 | 30800/48500 | 48500/66200 |
| EQUIPMENT WEIGHT | Kg | 900 | 1510 | 2100 |
| | lbs | 1985 | 3329 | 4630 |
| OIL PRESSURE | Bar | 300 | 300 | 300 |
| | psi | 4350 | 4350 | 4350 |
| OIL CAPACITY | l/min | 180/200 | 200/240 | 240/300 |
| | gal/min | 48/52 | 52/63 | 63/79 |



NOTES





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