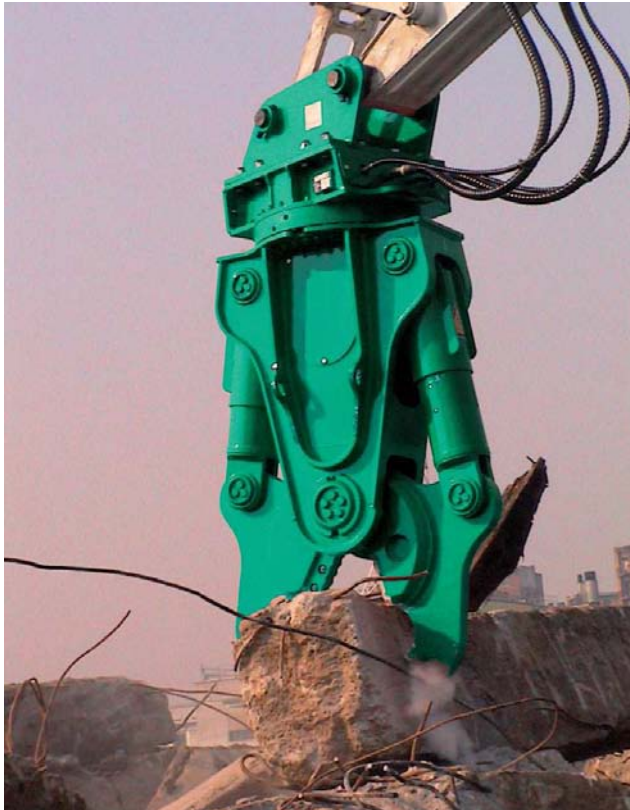


Multiprocessors

M Series

For 3,5 to 70 t carriers



Primary demolition:

- Material is demolished and thrown on the ground.

Secondary demolition:

- Concrete is pulverised and the steel reinforcements are separated out.
- Beams are cut into small pieces for recycling.
- Material is sorted and sent to a recycling center.

The multiprocessor M Series of TRAMAC has been specially designed with its different types of rapidly exchangeable jaws, to meet the needs of modern demolition operations such as the demolition and recycling of reinforced concrete buildings or structures.

It will prove itself very useful on sites where different specialised works have to be carried out, which call for the intervention of various machines and tooling.

Precision handling

- Continuous hydraulic rotation of all models through 360°
- Rotation braking from MPR 25
- Compact size

Extended life

- Complete protection of rotation elements and hydraulic cylinders
- Complete structure made of Hardox 400
- High-quality fasteners and hydraulic connectors.

Performance

- Jaws specially designed for cutting concrete reinforcements and steel beams
- High cutting power
- Very large range of interchangeable teeth and jaws
- 1 central axle for greater efficiency
- Speed valve for speeding up work cycles

For specifications and dimensions, see back of this page.

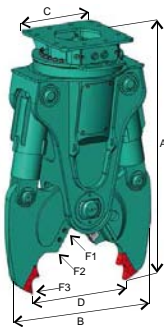
Multiprocessors - M Series



Multiprocessors

Specifications and Dimensions

| MODEL | | MPR-03 | MPR-05 | MPR-10 | MPR-15 | MPR-20 | MPR-25 | MPR-35 | MPR-45 | MPR-55 |
|----------------------------|---------|------------|--------------------------|------------|------------|------------|-------------|-------------|-------------|------------|
| Carrier weight | t m | 3,5 / 5,5 | 5,5 / 10 | 10 / 15 | 15 / 20 | 21 / 27 | 28 / 35 | 35 / 45 | 45 / 55 | 50 / 70 |
| | t US | 3,9 / 6 | 6 / 11 | 11 / 16,5 | 16,5 / 22 | 23 / 29,8 | 30,8 / 38,5 | 38,5 / 49,6 | 49,6 / 60,6 | 55 / 77 |
| Weight | lbs/kg | 864 / 392 | 1378 / 625 | 2337/1060 | 3717/1686 | 4520/2050 | 5952/2700 | 8091/3670 | 9921/4500 | 12125/5500 |
| Rotation circuit output | lpm/gpm | 5 / 1,3 | 5 / 1,3 | 5 / 1,3 | 30 / 8 | 30 / 8 | 50 / 13 | 50 / 13 | 50 / 13 | 50 / 13 |
| Rotation circuit pressure | psi/bar | 870 / 60 | 870 / 60 | 870 / 60 | 2755 / 190 | 2755 / 190 | 1740 / 120 | 1740 / 120 | 1740 / 120 | 1740 / 120 |
| Opening / closing output | lpm/gpm | 50 / 13 | 110 / 29 | 140 / 37 | 200 / 53 | 210 / 55 | 300 / 79 | 350 / 92 | 450 / 119 | 500 / 132 |
| Opening / closing pressure | psi/bar | 3190 / 220 | 3190 / 5076 220 / 350 | 5076 / 350 | 5076 / 350 | 5076 / 350 | 5076 / 350 | 5076 / 350 | 5076 / 350 | 5076 / 350 |



DIMENSIONS

| | | MPR-03 | MPR-05 | MPR-10 | MPR-15 | MPR-20 | MPR-25 | MPR-35 | MPR-45 | MPR-55 |
|---------------------------------|-----------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|-------------|-------------|
| A | in / mm | 45 / 1140 | 53 / 1350 | 63 / 1600 | 76 / 1930 | 83 / 2100 | 93 / 2370 | 102 / 2600 | 108 / 2750 | 116 / 2950 |
| B | in / mm | 30 / 770 | 31 / 790 | 36 / 910 | 45 / 1150 | 50 / 1270 | 55 / 1390 | 64 / 1630 | 67 / 1700 | 71 / 1800 |
| C | in | 15 x 12 | 23 x 16 | 23 x 16 | 28 x 25,5 | 28 x 25,5 | 28 x 25,5 | 33 x 28 | 33 x 28 | 33 x 28 |
| | mm | 390 x 310 | 590 x 405 | 590 x 405 | 720 x 650 | 720 x 650 | 720 x 650 | 840 x 720 | 840 x 720 | 840 x 720 |
| Force 1 | tm / t us | 62 / 68 | 100 / 110 | 175 / 193 | 200 / 220 | 250 / 275 | 335 / 369 | 360 / 397 | 390 / 430 | 420 / 463 |
| Force 2 | tm / t us | 32 / 35 | 75 / 82,7 | 105 / 115,7 | 125 / 137,8 | 150 / 165 | 205 / 226 | 218 / 240,3 | 245 / 270 | 265 / 292 |
| Force 3 | tm / t us | 25 / 27,5 | 50 / 55 | 70 / 77 | 80 / 88 | 100 / 110 | 130 / 143 | 140 / 154 | 155 / 170,8 | 170 / 187,4 |
| MPR + « CC » Concrete jaw | D in / mm | 14,6 372 | 21,5 545 | 25,6 650 | 29,5 750 | 33,9 860 | 43,3 1100 | 48,4 1230 | 51 1300 | 59 1500 |
| | in / mm | 0,6 / 15 | 0,8 / 20 | 1 / 25 | 1,2 / 30 | 1,4 / 35 | 1,6 / 40 | 1,8 / 45 | 2 / 50 | 2 / 50 |
| MPR + « CB » Combination jaw | D in / mm | - | 21 / 530 | 21 / 530 | 29,5 / 750 | 34 / 860 | 43 / 1100 | 48 / 1230 | 51 / 1300 | 59 / 1500 |
| | in / mm | - | 0,8 / 20 | 1 / 25 | 1,6 / 40 | 2 / 50 | 2 / 55 | 2,3 / 60 | 2,6 / 65 | 2,8 / 70 |
| | in / mm | - | 4 / 100 | 4,3 / 110 | 5,9 / 150 | 9,8 / 250 | 11,8 / 300 | 13 / 330 | 15,7 / 400 | 21,6 / 550 |
| | in / mm | - | - | - | 4,7 / 120 | 7 / 180 | 8,6 / 220 | 9,4 / 240 | 10,2 / 260 | 11 / 280 |
| MPR + « ST » Steel Shear jaw | D in / mm | 6,7 / 170 | 8,4 / 215 | 11,8 / 300 | 13,4 / 340 | 16,5 / 420 | 20,5 / 520 | 22,8 / 580 | 24,8 / 630 | 27,5 / 700 |
| | in / mm | 1 / 30 | 1 / 30 | 1,4 / 35 | 1,6 / 40 | 2 / 50 | 2,4 / 60 | 2,6 / 65 | 2,8 / 70 | 3 / 80 |
| | in / mm | - | 4,7 / 120 | 5 / 130 | 7 / 180 | 9,8 / 250 | 12,6 / 320 | 14 / 360 | 17,7 / 450 | 23,6 / 600 |
| | in / mm | - | - | 4 / 100 | 5,5 / 140 | 7,9 / 200 | 9,4 / 240 | 10,2 / 260 | 11,8 / 300 | 12,6 / 320 |
| MPR + « PV » Pulverizing jaw | D in / mm | - | 16,5 / 420 | 21,2 / 540 | 22,8 / 580 | 27 / 685 | 34,6 / 880 | 37,8 / 960 | 40,5 / 1030 | 44 / 1120 |
| | in / mm | - | 0,8 / 20 | 1 / 25 | 1,2 / 30 | 1,4 / 35 | 1,6 / 40 | 1,8 / 45 | 2 / 50 | 2 / 50 |
| MPR + « TK » Tank jaw | D in / mm | - | - | - | 9,4 / 240 | 10,8 / 275 | 13,4 / 340 | 14 / 360 | 16 / 410 | 17,7 / 450 |
| | in / mm | - | - | - | 0,4 / 10 | 0,6 / 15 | 0,8 / 20 | 1 / 25 | 1,2 / 30 | 1,4 / 35 |

| | Primary demolition | Secondary demolition | Application |
|----|--------------------|----------------------|---|
| CC | +++ | + | Concrete jaw: Concrete Reinforced concrete |
| ST | +++ | +++ | Steel Shear jaw: Steel beam and tube |
| CB | ++ | ++ | Combination jaw: CB = CC + ST Concrete with steel reinforcements |
| PV | + | +++ | Pulverizing jaw: Pulverises concrete Separations of concrete reinforcements |
| TK | +++ | + | Tank jaw: Cutting of steel reservoirs and sheeting |

- +++ Particularly recommended
- ++ Usable
- + Not recommended

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

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

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



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