



***MPR-03***

***MPR-05***

***MPR-10***

***MPR-15***

***MPR-20***

***MPR-25***

***MPR-35***

***MPR-45***

***MPR-55***

*Multiprocessor  
For carriers  
from 3.5 to 70 tons.*



# Multiprocessor

For carriers from 3.5 to 70 tons.

## Applications:

The MPR multiprocessor 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.

## Advantages:

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



## 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 centre.

+++ Particularly recommended

++ Usable

+ Not recommended

		Primary demolition	Secondary demolition	Application
CC		+++	+	<b>Concrete jaw:</b> Concrete, reinforced concrete
ST		+++	+++	<b>Steel Shear jaw:</b> steel beam and tube
CB		++	++	<b>Combination jaw:</b> CB = CC + ST Concrete with steel reinforcements
PV		+	+++	<b>Pulverizing jaw:</b> Pulverises concrete Separations of concrete reinforcements
TK		+++	+	<b>Tank jaw:</b> Cutting of steel reservoirs and sheeting

MODEL		MPR-03	MPR-05	MPR-10	MPR-15	MPR-20	MPR-25	MPR-35	MPR-45	MPR-55		
Weight of carrier	t	3.5/5.5	5.5/10	10/15	15/20	21/27	28/35	35/45	45/55	50/70		
Weight	kg	392	625	1060	1686	2050	2700	3670	4500	5500		
Rotation circuit output	l/min	20	5	25	30	30	50	50	50	50		
Rotation circuit pressure	bar	200	60	190	190	190	120	120	120	120		
Opening/closing output	l/min	50	110	140	200	210	300	350	450	500		
Opening/closing output	bar	220	220/350	350	350	350	350	350	350	350		
Dimensions												
	A	mm	1140	1350	1620	1930	2100	2370	2600	2750	2950	
	B	mm	770	750	910	1150	1270	1390	1630	1700	1800	
	C	mm	390x310	590x405	590x405	720x650	720x650	720x650	840x720	840x720	840x720	
	F1	t	25	50	70	80	100	130	140	155	170	
	F2	t	32	75	105	125	150	205	218	245	265	
	F3	t	62	100	175	200	250	335	360	390	420	
	MPR + "CC" Concrete jaw	D	mm	372	545	650	750	860	1100	1230	1300	1500
			mm	15	20	25	30	35	40	45	50	50
	MPR + "CB" Combination jaw	D	mm	-	530	530	750	860	1100	1230	1300	1500
			mm	-	20	25	40	50	55	60	65	70
			mm	-	100	110	150	250	300	330	400	550
			mm	-	-	-	120	180	220	240	260	280
	MPR + "ST" Steel Shear jaw	D	mm	170	215	300	340	420	520	580	630	700
			mm	30	30	35	40	50	60	65	70	80
			mm	-	120	130	180	250	320	360	450	600
	MPR + "PV" Pulverizing jaw		mm	-	-	100	140	200	240	260	300	320
		D	mm	-	420	540	580	685	880	960	1030	1120
			mm	-	20	25	30	35	40	45	50	50
	MPR + "TK" Tank jaw	D	mm	-	-	-	240	275	340	360	410	450
			mm	-	-	-	10	15	20	25	30	55





Experience the power of Ingersoll Rand construction and road building equipment, industry-leading support and service. Whatever your job, Ingersoll Rand has the solution from pavers and compactors, portable air compressors, light towers and generators, earthmoving equipment, material handlers, concrete equipment to attachments. Running a successful business takes more than powerful equipment. That's why Ingersoll Rand partners with an experienced global dealer network to stand beside you every step of the way.

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